BEFORE THE PUBLIC UTILITIES COMMISSION
OF THE STATE OF CALIFORNIA

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Application of San Diego Gas & Electric Company (U 902 M) to Submit Its 2021 Risk Assessment and Mitigation Phase Report.	Application 21-05-011 (Filed May 17, 2021)
Application of Southern California Gas Company (U 904 G) to Submit Its 2021 Risk Assessment and Mitigation Phase Report.	Application 21-05-014 (Filed May 17, 2021) (Consolidated)
Application of Southern California Gas Company (U 902 M) for Authority, Among Other Things, to Update its Gas Revenue Requirement and Base Rates Effective on January 1, 2024.	Application 22-05-015 (Filed May 16, 2022)
And Related Matter.	Application 22-05-016 (Filed May 16, 2022) (Consolidated)

RISK SPENDING ACCOUNTABILITY REPORT OF SOUTHERN CALIFORNIA GAS COMPANY (U 904 G) AND SAN DIEGO GAS & ELECTRIC COMPANY (U 902 M) FOR 2024

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May 30, 2025

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RISK SPENDING ACCOUNTABILITY REPORT OF SOUTHERN CALIFORNIA GAS COMPANY (U 904 G) AND SAN DIEGO GAS & ELECTRIC COMPANY (U 902 M) FOR 2024

In compliance with Decision (D.) 19-04-020 and D.22-10-002, Southern California Gas Company (SoCalGas) and San Diego Gas & Electric Company (SDG&E) submit this 2024 Risk Spending Accountability Report (2024 RSAR). The 2024 RSAR covers all spend that was authorized for the Test Year 2024 General Rate Case cycle, where previous RSARs were limited to activities that address safety, reliability, and/or maintenance, consistent with California Public Utilities Code Section 591(a). This report is timely filed and served in accordance with D.19-04-020, D.22-10-002 and Section 591(b).

SoCalGas and SDG&E hereby file and serve their 2024 RSAR in accordance with D.19-04-020, which directs that utilities:

> shall file each annual RSAR in the utility's current or most recent Risk Assessment Mitigation Phase (RAMP) and General Rate Case (GRC) proceeding

> at the time of filing as well as the RAMP/GRC that approved the risk spending, [and] shall serve each RSAR to the California Public Advocate's Office and the Office of Safety Advocates…[1]

Energy Division's Report on SoCalGas and SDG&E's 2020 RSARs similarly directs that:

> [SoCalGas and SDG&E] should file and serve their 2021 RSAR in the most recent […] proceeding in which costs are imputed, (A.17-10-007/A.17-10-008), and the 2021 Risk Assessment and Mitigation Phase (RAMP, A.21-05-011 and A.21-05-014) with copies provided to the CPUC's Safety Policy Division, Safety and Enforcement Division, and the Public Advocates Office. Sempra should also provide the 2021 RSAR to the ED Tariff Unit by emailing the report to edtariffunit@cpuc.ca.gov.2

SoCalGas and SDG&E also file the 2024 RSAR in accordance with the October 2022 Risk OIR Phase 1, Track 3 Decision adopting RSAR enhancements.[3] A list of the requirements applied for this 2024 RSAR are discussed in Section 2.A of the Report.[4] Party comments should be submitted in accordance with D.19-04-020 (which directs, for example, that "[p]arties should clearly identify the RSAR on which they are submitting comments"),[5] and the revised schedule

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1 D.19-04-020 at 64 (Ordering Paragraph (OP) 8).

2 Letter from Edward Randoph, Deputy Executive Director for Energy and Climate Policy/Director Energy Division, to Daniel Skopec, Sr. Vice President – Government Affairs & Chief Risk Officer at SoCalGas and SDG&E, regarding San Diego Gas & Electric Company and Southern California Gas Company 2020 Risk Spending Accountability Report Review (December 2, 2021) at 3 (citing D.19-04-020 at 47) (emphasis added), *available at:* https://www.cpuc.ca.gov/-/media/cpuc-website/divisions/energy-division/documents/risk-spending-accountability-reports/sempra_2020_rsar_ed-review-signed.pdf.

3 *See* D.22-10-002 at 55 (OP 1) (ordering that SoCalGas and SDG&E shall implement the RSAR requirements contained in Appendix A to D.22-10-002, "effective immediately with the exception of Requirement 25 in Appendix A, which PG&E, SCE, SoCalGas, and SDG&E shall each implement in its first annual RSAR due following approval of its next GRC application approved subsequent to adoption of this decision, as outlined in this decision. The RSAR, RAMP, and GRC requirements contained in Appendix A add to and do not replace those adopted in D.14-12-025, D.16-08-018, D.18-12-014, D.19-04-020 and D.20-01-002, which are retained unmodified, with the exception of the annual RSAR schedule.").

4 D.22-10-002 requires that SoCalGas and SDG&E annually file and serve their RSAR on April 30. On February 21, 2025, the CPUC granted SoCalGas and SDG&E's extension request to file the 2024 RSAR by May 30, 2025.

5 *See* D.19-04-020 at 47.

set forth in D.22-10-002, which requires Intervenor comments to be submitted by July 21, 2025.[6]

Respectfully submitted,

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May 30, 2025

[6] D.22-10-002, Appendix A. The approved February 21, 2025 extension request further revises the date for Intervenor comments from July 21, 2025 to August 20, 2025 and Energy Division Review from October 31, 2025 to December 1, 2025.





Southern California Gas Company and San Diego Gas & Electric Company
2024 Risk Spending Accountability Report

May 30, 2025

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I. INTRODUCTION

In compliance with Decisions (D.) 19-04-020 and D.22-10-002, the Safety Model Assessment Proceeding (S-MAP) Decisions (S-MAP Decisions), Southern California Gas Company (SoCalGas) and San Diego Gas & Electric Company (SDG&E) (collectively, the Utilities) timely submit this annual Risk Spending Accountability Report (RSAR) comparing 2024 imputed authorized spending to actual spending.[7] This 2024 RSAR addresses Operations and Maintenance (O&M) expenses and capital investments authorized in D.24-12-074, the Decision Addressing the Test Year (TY) 2024 General Rate Cases (GRCs) of SoCalGas and SDG&E (2024 GRC Decision) for all activities.

The 2024 RSAR is organized as follows:

- **Section 1 Introduction** – briefly introduces the Report.
  - **Section 1.A. Procedural Background** – describes the most recent decisions impacting this Report.
- **Section 2 Presentation of 2024 Risk Spending Accountability Report** – provides foundational information to consider when reviewing this 2024 RSAR.
  - **Section 2.A. Summary of Reporting Requirements** – sets forth the requirements subject to this Report adopted in the S-MAP Decisions.
  - **Section 2.B. Key Parameters and Considerations Underlying the Report** – discusses assumptions that inform review of this Report.
  - **Section 2.C. Identification of Safety, Reliability, and Maintenance-Related Programs** – describes this subset of activities, which are subject to additional reporting requirements.
  - **Section 2.D. Derivation of Imputed Authorized Dollars** – explains how the authorized dollars from the 2024 GRC Decision were derived for the entire TY 2024 GRC cycle.
- **Section 3 Overview of 2024 Risk Spending Accountability Report Results** – provides the high-level results and a summary of the variance explanations of the Report.

[7] In compliance with D.14-12-025, D.19-04-020, and D.22-10-002, this 2024 RSAR is being filed in and served on the service lists for Application (A.) 22-05-015/-016 (cons.), the "applicable GRC proceeding in which funding for the risk mitigation activities and spending was authorized" (*see* D.14-12-025 at 46), and A.21-05-011/-014 (cons.), the "most recent RAMP/GRC at the time of its filing" (D.19-04-020 at 45).

- **Attachment A SDG&E** – presents tables providing authorized, actual, work units, variance explanations, program descriptions, project status information, and testimony references.
- **Attachment B SoCalGas** – presents tables providing authorized, actual, work units, variance explanations, program descriptions, project status information, and testimony references.
- **Attachment C** – include the hyperlinks to the cited GRC Exhibits.

A. Procedural Background

On November 14, 2013, the California Public Utilities Commission (Commission) opened Rulemaking (R.) 13-11-006, Order Instituting Rulemaking to Develop a Risk-Based Decision-Making Framework to Evaluate Safety and Reliability Improvements and Revise the Rate Case Plan for Energy Utilities (the Risk OIR). The purpose of the Risk OIR was to incorporate a risk-based decision-making framework into the Rate Case Plan (RCP) for the energy utilities' GRCs, in which utilities request funding for safety-related and other activities. On December 4, 2014, the Commission adopted D.14-12-025 in the Risk OIR establishing, as part of its risk-informed decision-making framework, annual accountability reports – one of which is the RSAR.[8] According to the Commission, the RSAR is intended to "compare the utility's GRC projected spending for approved risk mitigation projects to the actual spending on those projects, and to explain any discrepancies between the two."[9] These annual reports will "improve utility accountability of ratepayer money spent on risk mitigation."[10] To implement the accountability reporting requirements, in D.16-06-054, the decision approving the TY 2016 GRCs of SoCalGas and SDG&E (2016 GRC Decision), the Commission ordered the Utilities to file interim RSARs for years 2014 through 2016 on a limited set of risk mitigation projects.[11] These interim RSARs for years 2014-2016 were timely submitted by SoCalGas and SDG&E.

In April 2019, the S-MAP Phase 2 Decision adopted RSAR requirements[12] that, for SoCalGas and SDG&E, apply "starting with its 2019 RSAR filing (due March 31, 2020),"[13] for spending authorized in the 2019 GRC Decision.

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8 D.14-12-025 also established the Risk Mitigation Accountability Report to compare projected and actual risk mitigation benefits (*see* D.14-12-025 at 12, 44). Another element of this Risk Mitigation Accountability Report is addressed in the Utilities' Safety Performance Metrics Report, which was separately filed on or before March 31, 2024 pursuant to the S-MAP Phase 2 Decision.

9 D.14-12-025 at 44.

10 D.14-12-025 at 52 (Finding of Fact (FOF) 27).

11 D.16-06-054 at 39-41, 331-332 (OP 11).

12 D.19-04-020, Attachment 2.

In October 2022, the S-MAP Phase 1, Track 3 Decision adopted RSAR enhancements that, for SoCalGas and SDG&E, applied starting with its 2022 RSAR filing due April 30, 2023[14] for spending authorized in the 2019 GRC Decision. A list of the requirements applied beginning in 2023 and applied for the 2022 RSAR are discussed in Section 2.A. One additional requirement, Requirement number 25 in Appendix A of this same decision, was not required until SoCalGas and SDG&E's first annual RSAR following approval of their next GRC applications (Test Year 2024).

II. PRESENTATION OF 2024 RISK SPENDING ACCOUNTABILITY REPORT

This section provides foundational information, such as the underlying assumptions and key parameters, to consider when reviewing this 2024 RSAR.

A. Summary of Reporting Requirements

The reporting requirements applicable to this 2024 RSAR were adopted in the S-MAP Phase 2 Decision,[15] which was further refined by the S-MAP Phase 1, Track 3 Decision, D.22-10-002. The requirements and a roadmap showing where each requirement has been met in this Report are summarized in the table below.

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[13] D.19-04-020 at 46.

[14] D.22-10-002 at 55 (OP 1). The RSAR, RAMP, and GRC requirements contained in Appendix A add to and do not replace those adopted in D.14-12-025, D.16-08-018, D.18-12-014, D.19-04-020 and D.20-01-002, which are retained unmodified, with the exception of the annual RSAR schedule.

[15] D.19-04-020, Attachment 2.

RSAR Reporting Requirements	Roadmap of Compliance in 2024 RSAR with Reporting Requirements
New for 2024, Requirement 25 from D.22-10-002: directs the IOUs to include all GRC expenditures, including those that are not Safety, Reliability, and Maintenance (SRM) GRC programs (company-wide items) and to discuss how it has treated interest, overhead, and taxes in its submission. This requirement goes into effect starting with this 2024 RSAR. The IOUs are not required to provide a variance explanation for non-SRM GRC programs. The discussion of how interest, overhead, and taxes were treated is explained below in Section 2.D.	The methodology used to determine the programs in scope is described in Section 2.C below.
Report the cumulative authorized and actual spending, by year over the GRC cycle, for each program in the record period and the difference in dollars (actual less authorized) and in percent (actual less authorized, divided by authorized).	Attachments A and B have tables dedicated to providing this information.
Explain the difference between authorized and actual spending for the GRC programs chosen using the selection criteria specific to SoCalGas and SDG&E.	Where applicable, a variance explanation has been provided in Attachments A and B.
Provide a description of the program, program life, and references to testimony.	Attachments A and B have tables dedicated to providing this information. Hyperlinks to GRC testimony exhibits are in Attachment C.
Forecast program scope, schedule, and cost for the GRC cycle.	Attachments A and B have tables dedicated to providing this information.
Identify program status of proceeding as planned, canceled, deferred, emergent, or expanded. For the last year of the GRC cycle, the completion status will summarize the entire GRC cycle and discuss any deferred or cancelled scope.	Attachments A and B have tables dedicated to providing this information. Status definitions are in section 2.B.vii.
Report on authorized activities and actual safety activities performed, for each program, using, where available “work units” as the unit of reporting.	Where available, work units have been provided in Attachments A and B.
Group the GRC programs by the general lines of business as presented in the GRC in which the funding request for the record period was authorized.	Attachments A and B provide the required information by line of business and GRC witness area.
Divide programs into expense and capital programs.	Attachments A and B have different tables for O&M and capital.

RSAR Reporting Requirements	Roadmap of Compliance in 2024 RSAR with Reporting Requirements
Include a separate section in the report, if a balancing account or memorandum account tracks any portion of a program, to discuss the cost recovery of the actual expenditures for the program.	Balanced programs have a dedicated section in Attachments A and B.
Include the total company authorized spending for the record period categorized into expense and capital programs.	Company totals are presented separately for capital and expense in Section 3.

The S-MAP Phase 2 Decision also adopted a definition of "program" for purposes of the RSAR for SoCalGas and SDG&E,[16] as follows:

> **SoCalGas and SDG&E:** Expensed programs are defined at the workpaper level, which may contain one or more cost centers. Capital programs are defined at the budget code level, which may aggregate workpaper groups that share the same budget code.

In addition, the S-MAP Phase 2 Decision adopted the following selection criteria for SoCalGas and SDG&E to provide variance explanations for spending and work units:

> **Work Units:** Deviation between authorized work units and performed work units is equal to or greater than 20%.
>
> **Spending:**
>
> *SoCalGas*
>
> - GRC expensed items: A variance of at least $5 million, or a percentage variance of at least 20% subject to a minimum variance of $1 million.
> - Capital programs: A variance of at least $10 million, or a percentage variance of at least 20% subject to a minimum variance of $2 million.
>
> *SDG&E – Electric Operations and Other Reportable Areas*
>
> - GRC expensed items: A variance of at least $5 million, or a percentage variance of at least 20% subject to a minimum variance of $2.5 million.
> - Capital programs: A variance of at least $10 million, or a percentage variance of at least 20% subject to a minimum variance of $5 million.
>
> *SDG&E – Gas Operations*
>
> - GRC expensed items: A variance of at least $2.5 million, or a percentage variance of at least 20% subject to a minimum variance of $0.5 million.

[16] D.19-04-020, Attachment 2 at 3.

- Capital programs: A variance of at least $5 million, or a percentage variance of at least 20% subject to a minimum variance of $1 million.

B. Key Parameters and Considerations Underlying the Report

SoCalGas and SDG&E present this 2024 RSAR by company, further divided into the line of business (*e.g.*, electric, gas, other), by program *(i.e.*, O&M workpaper and Capital budget code as described in Section 2.A above), by RAMP and non-RAMP activities, and by RAMP tranche level, where applicable. For the activities, if work units are available, they are provided. In the event the selection criteria for spending and/or work units are met,[17] an explanation is provided along with the description of the program and citations to the associated 2024 GRC testimony, where applicable. Information regarding balanced programs is presented in a separate section.

The Utilities are presenting this 2024 RSAR in direct dollars. Direct dollars are the input into the revenue requirement calculations, but not the revenue requirement itself. For those programs recorded to balancing accounts, the 2024 RSAR presents such programs in both direct dollars and on a revenue requirement basis, in accordance with the S-MAP Phase 2 Decision.[18]

i. Units

The S-MAP Phase 2 Decision requires IOUs to include work units where available in the 2024 RSAR; however, in most cases, no work units were presented in the Utilities' 2024 GRC showing and therefore were not specifically defined or authorized in the Commission's decision. Reporting authorized and actual work units when work units were not explicitly defined or authorized presents a challenge. Accordingly, for the purpose of this report, the Utilities provide actual units and impute authorized units, where available. In other instances, the Utilities provide explanations of the activities within a program performed during 2024.[19] These items are addressed by the Utilities, as applicable, in Attachments A and B.

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[17] In response to SoCalGas and SDG&E's request for clarification of applying the variance selection criteria, Energy Division provided this guidance in an email dated February 14, 2021, "We have reviewed pages 41-43 of D.19-04-020 and believe that you should apply the selection criteria and explanations for all GRC programs as well as the risk mitigation programs, where work unit data is available. That is to say that you will only need to provide greater details for the unitized risk mitigation programs."

[18] D.19-04-020 at 65-66 (OP 10).

[19] The S-MAP Phase 2 Decision requires the Utilities to work with Energy Division staff to identify programs where work unit information is not available (D.19-04-020 at 39). The Utilities conferred with Energy Division staff in February 2021 regarding the manner to identify programs, and that has been reflected in Attachments A and B.

ii. RAMP

The 2024 RSAR is based on the 2021 RAMP (A.21-05-011/-014 Cons.) and the applicable S-MAP framework from when the 2021 RAMP was filed. Since that time, a more quantitative risk methodology and framework for RAMP and GRC filings was approved by the Commission in D.22-12-027.

For purposes of integrating the 2021 RAMP into the GRC, a variety of approaches were required, depending upon the activity. For example, the Utilities presented mappings of their 2021 RAMP risks to GRC witness areas[20] and a summary of RAMP costs by GRC witness area.[21]

For other areas, certain RAMP activities spanned multiple witness areas, meaning the costs for a particular RAMP activity were supported by and authorized in multiple GRC witness areas (*e.g.*, Incident Involving an Employee). This could occur because multiple departments perform this RAMP activity.

As discussed above in Section 1.B, the 2024 GRC Decision did not explicitly authorize RAMP activities differently from non-RAMP activities. Instead, the 2024 GRC Decision assessed and authorized funding for the Utilities in many instances based on standard GRC methods, such as the quality of the forecast, counterarguments by intervenors, and whether a given showing met the burden of proof.[22] For example, D.24-12-074 states "Considering all of the above, the Commission adopts TURN-SCGC's approach to reducing the forecast by 29 percent ($39.1 million) from $135.1 million to $96 million using a five-year average (2017-2021) with additional increases of $4.250 million for validation digs, $7.145 million for crack management, and $1.136 million material verification."[23] In this instance, the Decision adopted TURN-SCGC's recommended forecast for the SoCalGas TIMP program of $96 million instead of SoCalGas's requested amount of $135.1 million. The TIMP program is 100% RAMP, but the Decision did not explicitly authorize the dollars at the RAMP mitigation activity or tranche level. To impute the authorized amount at the RAMP mitigation activity and tranche levels for this example, SoCalGas first calculated the mitigation activity ratios using the 2024 requested amounts from the Update filing and then applied that ratio to ratably distribute the authorized amounts to the mitigation activities. SoCalGas then calculated the tranche ratios and applied those ratios to ratably distribute the authorized amounts to the tranche levels. This illustrates the

[20] A.22-05-015/016 (cons.), Exhibit (Ex.) SCG-03-2R-E/SDG&E-03-2R-E, Chapter 2 (Flores/Pearson) at Appendix E1.

[21] *Id*. at Appendix E2.

[22] D.24-12-074 at 17.

[23] *Id.* at 244.

difficulty of identifying or imputing authorized amounts for some RAMP mitigation activities, especially at a granular activity level. Similarly, the Utilities do not necessarily track costs by RAMP mitigation activity or risk. Rather, the Utilities record costs to O&M cost centers and to various capital budget codes, aligned with their GRC workpapers. Accordingly, it was necessary to rely on assumptions to impute actuals at the RAMP mitigation activity level.

iii. Implementation Timing of the Projects and Programs Funded by the TY 2024 GRC Decision

The Utilities' test year was 2024, and rates approved in the 2024 GRC Decision were expected to become effective beginning on January 1, 2024. However, the 2024 GRC Decision was approved by the Commission on December 19, 2024, at the end of the 2024 financial year. This delay in issuing a final GRC decision resulted in uncertainty in the test year regarding the funding that would be available to implement planned projects and programs.

Since learning of the outcome of the 2024 GRC Decision, the Utilities have worked to execute on the programs discussed during the 2024 GRC proceeding. While the progress of some programs may have been impacted by a variety of factors, including cost pressures from inflation and changes to regulations, the Utilities plan to manage the costs of such programs over the 2024 GRC cycle, where possible. The results of this report reflect the particular circumstances for the 2024 financial period.

iv. Reprioritization

The Utilities recognize that they may need to re-prioritize funding to address needs that arise during the GRC cycle. Such differences in spending are shown in this report and will likewise appear in future RSARs. The Commission has explicitly recognized that "new programs or projects may come up, others may be cancelled, and there may be reprioritization. *This process is expected and is necessary* for the utility to manage its operations in a safe and reliable manner."[24] It is for these reasons that "utilit[ies] [are] allowed the flexibility to reprioritize the authorized funds in order to ensure safe and reliable operations."[25] Reprioritizing spending also allows utilities to "[r]espond to immediate or short-term crises outside of the

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[24] D.11-05-018 at 27 (emphasis added).

[25] CPUC – Energy Division, *Safety-Related Spending Accountability Report for Southern California Edison* (May 2017) (Safety Report) at 10, *available at:* https://www.cpuc.ca.gov/-/media/cpuc-website/files/uploadedfiles/cpuc_public_website/content/safety/scesafety-relatedspending.pdf*; see also* Resolution (Res.) E-4464 (May 10, 2012) at 7 ("Under GRC ratemaking, the utilities are given an authorized revenue requirement to manage various parts of their utility business. Recognizing that the utilities may need to re-prioritize spending and spend more or less in a particular area of their business, the Commission affords them substantial flexibility to decide how much to spend in any particular area.").

RAMP and GRC process,"[26] in accordance with Commission directives. As the Commission has stated: "RAMP and GRCs…are not designed to address immediate needs; the utilities have responsibility for addressing safety regardless of the GRC cycle."[27] Accordingly, SoCalGas and SDG&E re-prioritize spending as needed. This is captured in variances, which may be attributable to a variety of causes. Where applicable, and in accordance with the requirements noted above, variance explanations are provided in Attachments A and B. Many variances included herein are driven, at least in part, by the pressures created by this aspect of safely and reliably managing a utility in California amidst a backdrop of ever evolving risk conditions, requirements, and regulations.

v. Definitions of Completion Statuses

In accordance with D.22-10-002, SoCalGas and SDG&E hereby define the terms utilized within Attachments A and B of this 2024 RSAR. Appendix B of that decision, page B-4, included two categories of statuses that were newly required in the 2022 RSAR. The first category of statuses relate to forecasts: the scope, schedule, and expected cost of the GRC line item by the end of the GRC cycle (December 31, 2027), compared with how the GRC line item was originally described in the TY 2024 GRC. The three statuses used are Under (U), On Target (T), and Over (O). The second category of required statuses designates the overall status of the GRC line item project/activity through seven categories of approximate completion status: (1) proceeding as planned – no changes; (2) deferred – still planned, but the timing is delayed; (3) canceled – no longer planning to do; (4) expanded – the scope is broader than originally planned; (5) emergent – a brand new item that was not forecasted as part of the TY 2024 GRC; (6) completed; and (7) other – the companies explain this status as part of the report.

C. Identification of Safety, Reliability, and Maintenance-Related Programs

In accordance with the S-MAP Decisions, the 2024 RSAR includes a listing of all programs[28] authorized or in effect during 2024 that were associated with RAMP.[29] Workpapers that were justified on the basis of safety and/or reliability, and programs associated with a

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[26] D.18-04-016 at 6, n.7 (citing D.16-08-018 at 151-152).

[27] D.16-08-018 at 152.

[28] Programs are defined as workpaper categories for expense items (*e.g.*, 1ED008.000 – Electric Regional Operations) and as budget codes for capital expenditures (*e.g.*, 002390 – Pole Replacement and Reinforcement Program HFTD). *See* D.19-04-020, Attachment 2 at 3, Section III.

[29] Categories include but are not limited to: (1) Infrastructure Integrity, Physical Security and Environmental, (2) Cybersecurity and Customer Data Privacy, (3) Wildfires, (4) System Reliability, and (5) Public & Employee Safety, Disaster Recovery. *Id.*, Attachment 2 at 2, Section III.

maintenance[30] activity, are subject to additional reporting requirements beyond those applicable to non-SRM workpapers. In this 2024 RSAR, for SDG&E, programs presented in SDG&E's Wildfire Mitigation Plan (WMP) submissions and Annual WMP Updates are shown as such and are categorized as Wildfire consistent with the WMP; due to timing, however, not all those WMP programs were included as RAMP in the 2024 GRC. For this reason, SDG&E has listed newly-identified Wildfire RAMP mitigations as Emergent RAMP. Subsequent to the GRC authorization, wildfire-related activities are subject to memorandum account treatment pursuant to statute. Therefore, SDG&E also includes the balances of the WMPMA and disposition thereof in the Balanced section of this 2024 RSAR. The SDG&E 2024 RSAR, including variance explanations for SRM workpapers and other required elements, is attached hereto as Attachment A.

For SoCalGas, these additional reporting requirements apply for gas engineering, gas distribution, gas system integrity, gas major projects, the Pipeline Safety Enhancement Program (PSEP), above ground storage, underground storage, and other areas. The SoCalGas 2024 RSAR, including variance explanations for SRM workpapers and other required elements, is attached hereto as Attachment B.

D. Derivation of Authorized Dollars

	2024 Imputed Authorized Direct O&M[31]	2024 Imputed Authorized Direct Capital	2024 Authorized Total Rev Req[32]
SDG&E	$1,343,896	$1,442,928	$2,700,485

[30] *Id.,* Attachment 2 at 6, Section VI. These are activities associated with expensed and capitalized work related to Federal Energy Regulatory Commission Accounts 510-515, 528-532, 541-545, 551-554, 568-574, 576, 590-598, 830-837, 843, 861-869, 885-895, 932 and 935.

[31] Excludes officer compensation per D.24-12-074 at 939. Includes $1.575 million of SDG&E's SONGS O&M costs authorized in SCE's TY2021 GRC Track 4, per D.21-08-036 and D.23-11-096.

[32] Test Year (TY) 2024 revenue requirement authorized in D.24-12-074. Includes $1.635 million of SDG&E's SONGS revenue requirement authorized in SCE's TY 2021 GRC Track 4, per D.21-08-036 and D.23-11-096.

	2024 Imputed Authorized Total Direct O&M[33]	2024 Imputed Authorized Total Direct Capital	2024 Authorized Total Rev Req[34]
SoCalGas	$1,836,635	$1,349,853	$3,805,629

For the workpaper categories covered in Attachments A and B of this report, the "authorized" amounts are imputed authorized funding values for those workpapers.[35] The O&M and capital expenditures in this 2024 RSAR were funded by the revenue requirement authorized in the TY 2024 GRC. The dollars presented by the witnesses in testimony and workpapers were stated in base year 2021 dollars; for purposes of the 2024 report, however, the Utilities present the information in direct nominal dollars using the 2024 GRC Decision authorized escalation factors. The adopted post-test year (PTY) ratemaking mechanism in the 2024 GRC Decision adjusts the authorized revenue requirement in the attrition years by applying the same attrition mechanism for O&M expenses and capital-related costs. The GRC decision authorizes attrition increases of 3% for 2025, 2026, and 2027, which is applied to base margin. To derive the 2025-2027 imputed authorized expenses that align with the adopted PTY mechanism, 2024 adopted expenses, which were presented in base year 2021 dollars, were escalated to 2024 dollars based on the adopted labor and non-labor escalation rates.[36] The 2025 authorized attrition factor is then applied to this expense level to derive the 2025 imputed authorized expenses; and then the authorized 2026 attrition factor is again applied to the 2025 imputed authorized expenses to derive the 2026 imputed authorized expenses; and then the authorized 2027 attrition factor is again applied to the 2026 imputed authorized expenses to derive the 2027 imputed authorized expenses for the last attrition year in the 2024 GRC cycle.

In the 2024 GRC, specific capital project forecasts are approved for assets forecasted to be placed in-service in years 2022-2024 to establish the TY rate base and the capital-related revenue requirement (*i.e.*, depreciation, tax, and return) for 2024. The 2024 GRC Decision adopts the same attrition mechanism for capital as for O&M at 3% per year. The only exceptions to this methodology are related to WMP undergrounding and covered conductors at SDG&E and

[33] Excludes officer compensation per D.24-12-074 at 939.

[34] TY 2024 revenue requirement authorized in D.24-12-074.

[35] The Commission-approved final GRC decisions do not always provide authorized figures by project or activity, which may be needed for accountability reporting.

[36] The authorized escalation factors used to calculate the direct nominal dollars were approved in D.24-12-074. *See* D.24-12-074 at 899.

PSEP Valves at SoCalGas. The GRC Decision authorizes specific capital expenses for the undergrounding and covered conductor budget categories.[37] For PSEP, the Commission adopts zero dollars for SoCalGas PSEP valve enhancement projects for 2025, 2026, and 2027.[38]

In compliance with Requirement 25 of D.22-10-002, Appendix A, SoCalGas and SDG&E must "…discuss how [they have] treated interest, overhead, and taxes in its submission."[39] The Derivation of Authorized Dollars tables above show the 2024 Imputed Authorized Direct O&M and capital expenses as well as the 2024 Revenue Requirement. The Revenue Requirement in this table and in the Balanced Program sections of Attachments A and B are the only places where interest and taxes are reflected within capital-related costs. For SoCalGas and SDG&E, overheads are requested and approved within the GRC in specific workpapers in total and prior to allocations and reassignment to capital (*e.g.*, Health Benefits, Pension and Retirement, and Contractor Field Safety Management Pool). The allocation and reassignment processes are described in Ex. SCG-30-R/SDG&E-34-R, 2024 GRC Prepared Direct Testimony of Angel N. Le and Paul D. Malin – Shared Services Billing Shared Assets Billing Segmentation and Capital Reassignments. Thus, all overhead workpapers are included in the direct cost sections of Attachments A and B within the line of business witness area where those costs were defended.

For the balanced programs, this report presents O&M and capital in revenue requirement terms (in addition to reporting these programs on a direct dollar basis), because the programs are tracked on a revenue requirement basis, as required by the annual advice letter filings. Reviewing balanced programs in these terms, rather than in nominal direct dollars, reflects more accurately how the Utilities manage these programs and track costs. The Utilities manage balanced programs considering the authorized revenue requirement for the entire GRC cycle and not within an individual spending year.

E. Projects and Programs Approved in the TY 2024 GRC But Not Yet Funded

Both SoCalGas and SDG&E requested authorization of a limited number of projects as post-test year capital exceptions in their 2024 GRCs. These projects have significant spending forecasted in the 2024 GRC cycle, but were not expected to be in-service by the test year. In the 2024 GRC decision, the Commission denied the post-test year capital exceptions mechanism for the projects, but authorized specific cost caps for three specific projects and advised both

[37] *Id.* at 498.

[38] *Id.* at 228.

[39] D.22-10-002, Appendix A at A3.

SoCalGas and SDG&E that they may recover the costs for each project through a balancing account and advice letter, once each project is completed and placed in service.[40]

Because of this, and since the RSAR reports on direct dollars capital expenditures, the following projects are presented within the report with actual costs incurred and compared to zero authorized dollars.

Project Name	Total Project Capital Expenses
Moreno Compressor Modernization (SDG&E)	$409.735 million
Honor Rancho Compressor Modernization (SoCalGas)	$525.200 million
Customer Information System Replacement (SoCalGas)	$221.655 million

III. OVERVIEW OF 2024 RISK SPENDING ACCOUNTABILITY REPORT RESULTS

A. Summary of Report Variances by Company

Totals for SDG&E

	2024 Actuals	2024 Imputed Authorized	$ Variance	% Variance
SDG&E Direct Capital	1,615,035	1,442,928	172,107	12%
SDG&E Direct O&M	1,389,914	1,343,896	46,018	3%
SDG&E Direct Total	**3,004,949**	**2,786,824**	**218,125**	**8%**

Totals for SoCalGas

	2024 Actuals	2024 Imputed Authorized	$ Variance	% Variance
SoCalGas Direct Capital	1,908,244	1,349,853	558,391	41%
SoCalGas Direct O&M	1,886,878	1,836,635	50,243	3%
SoCalGas Direct Total	**3,795,122**	**3,186,488**	**608,634**	**19%**

[40] D.24-12-075 at 905-908.

B. Summary of RAMP Variances by Company

i. SDG&E O&M RAMP Variances by GRC Witness Area

GRC Witness Area	SDG&E Exhibit Number	2024 RAMP Actuals	2024 Imputed Authorized RAMP	RAMP $ Variance	RAMP % Variance
CORPORATE CENTER - GENERAL ADMINISTRATION	SDG&E-27-R	667	494	173	35 %
CS - FIELD OPERATIONS	SDG&E-17-R	13,149	12,784	365	3 %
CS - INFORMATION	SDG&E-19	1,121	5,272	(4,151)	-79 %
CYBERSECURITY	SDG&E-26-R	13,796	18,166	(4,370)	-24 %
ELECTRIC DISTRIBUTION	SDG&E-12-R	7,287	4,909	2,378	48 %
FLEET SERVICES	SDG&E-22-R	404	964	(560)	-58 %
GAS DISTRIBUTION	SDG&E-04-R	28,759	22,509	6,250	28 %
GAS INTEGRITY PROGRAMS	SDG&E-09-R	32,222	10,829	21,393	198 %
GAS SYSTEM STAFF & TECHNOLOGY	SDG&E-05	222	206	16	8 %
GAS TRANSMISSION	SDG&E-06	5,385	4,920	465	9 %
INFORMATION TECHNOLOGY	SDG&E-25	27,352	30,188	(2,836)	-9 %
PEOPLE AND CULTURE DEPARTMENT	SDG&E-32	1,345	334	1,011	303 %
REAL ESTATE, LAND SERVICES & FACILITIES	SDG&E-23	1,858	2,045	(187)	-9 %
SAFETY MANAGEMENT SYSTEMS	SDG&E-31-R	3,653	4,933	(1,280)	-26 %
WILDFIRE MITIGATION & VEGETATION MANAGEMENT	SDG&E-49-S	190,918	192,814	(1,896)	-1 %
Grand Total		**328,135**	**311,367**	**16,768**	**5%**

ii. SDG&E O&M RAMP Variances by RAMP Chapter

RAMP Chapter	RAMP Risk Description	2024 RAMP Actuals	2024 Imputed Authorized RAMP	RAMP $ Variance	RAMP % Variance
SDG&E-Risk-1	Wildfire Involving SDG&E Equipment	155,490	169,684	(14,194)	-8 %
SDG&E-Risk-2	Electric Infrastructure Integrity	37,225	24,367	12,858	53 %
SDG&E-Risk-3	Incident Related to the High Pressure System (Excluding Dig-in)	36,946	15,749	21,197	135 %
SDG&E-Risk-4	Incident Involving a Contractor	1,044	1,206	(162)	-13 %
SDG&E-Risk-5	Customer and Public Safety – Contact with Electric Equipment	395	1,767	(1,372)	-78 %
SDG&E-Risk-6	Cybersecurity	13,796	18,166	(4,370)	-24 %
SDG&E-Risk-7	Excavation Damage (Dig-In) on the Gas System	10,534	5,161	5,373	104 %
SDG&E-Risk-8	Incident Involving an Employee	7,189	6,164	1,025	17 %
SDG&E-Risk-9	Incident Related to the Medium Pressure System (Excluding Dig-in)	31,306	31,959	(653)	-2 %
SDG&E-CFF-1	Asset Management	854	1,225	(371)	-30 %
SDG&E-CFF-4	Foundational Technology Systems	27,352	30,188	(2,836)	-9 %
SDG&E-CFF-5	Physical Security	2,525	2,539	(14)	-1 %
SDG&E-CFF-6	Records Management	2,874	1,771	1,103	62 %
SDG&E-CFF-7	Safety Management System	605	1,421	(816)	-57 %
Total SDG&E RAMP O&M		**328,135**	**311,367**	**16,768**	**5%**

iii. SDG&E Capital RAMP Totals by GRC Witness Area

GRC Witness Area	SDG&E Exhibit Number	2024 RAMP Actuals	2024 Imputed Authorized RAMP	RAMP $ Variance	RAMP % Variance
CYBERSECURITY	SDG&E-26-R	4,013	11,409	(7,396)	-65 %
ELECTRIC DISTRIBUTION	SDG&E-11-R	100,972	143,837	(42,865)	-30 %
GAS DISTRIBUTION	SDG&E-04-R	56,954	41,777	15,177	36 %
GAS INTEGRITY PROGRAMS	SDG&E-09-R	125,737	52,341	73,396	140 %
GAS TRANSMISSION	SDG&E-06	67,489	11,344	56,145	495 %
INFORMATION TECHNOLOGY	SDG&E-25	52,888	79,250	(26,362)	-33 %
SAFETY MANAGEMENT SYSTEMS	SDG&E-31-R	2,309	2,973	(664)	-22 %
WILDFIRE MITIGATION & VEGETATION MANAGEMENT	SDG&E-49-S	485,404	395,991	89,413	23 %
Grand Total		**895,765**	**738,922**	**156,843**	**21%**

iv. SDG&E Capital RAMP Totals by RAMP Chapter

RAMP Chapter	RAMP Risk Description	2024 RAMP Actuals	2024 Imputed Authorized RAMP	RAMP $ Variance	RAMP % Variance
SDG&E-Risk-1	Wildfire Involving SDG&E Equipment	480,506	388,951	91,555	24 %
SDG&E-Risk-2	Electric Infrastructure Integrity	101,901	145,391	(43,490)	-30 %
SDG&E-Risk-3	Incident Related to the High Pressure System (Excluding Dig-in)	110,851	47,662	63,189	133 %
SDG&E-Risk-4	Incident Involving a Contractor	2,309	2,973	(664)	-22 %
SDG&E-Risk-6	Cybersecurity	4,013	11,409	(7,396)	-65 %
SDG&E-Risk-7	Excavation Damage (Dig-In) on the Gas System	—	210	(210)	-100 %
SDG&E-Risk-9	Incident Related to the Medium Pressure System (Excluding Dig-in)	136,898	56,555	80,343	142 %
SDG&E-CFF-1	Asset Management	3,087	10,157	(7,070)	-70 %
SDG&E-CFF-4	Foundational Technology Systems	53,769	74,579	(20,810)	-28 %
SDG&E-CFF-6	Records Management	2,431	1,035	1,396	135 %
Total SDG&E RAMP Capital		**895,765**	**738,922**	**156,843**	**21%**

v. SoCalGas O&M RAMP Variances by GRC Witness Area

GRC Witness Area	SoCalGas Exhibit Number	2024 RAMP Actuals	2024 Imputed Authorized RAMP	RAMP $ Variance	RAMP % Variance
CORPORATE CENTER - GENERAL ADMINISTRATION	SCG-23-R-E	689	818	(129)	-16 %
CS - FIELD & ADVANCED METER OPERATIONS	SCG-14-R	112,812	122,499	(9,687)	-8 %
CS - INFORMATION	SCG-16-2E	1,556	3,686	(2,130)	-58 %
CS - OFFICE OPERATIONS	SCG-15-R-2E	3,894	3,696	198	5 %
CYBERSECURITY	SCG-22-R	8,586	4,392	4,194	95 %
FLEET SERVICES	SCG-18-R-E	8,387	11,391	(3,004)	-26 %
GAS DISTRIBUTION	SCG-04-R-E	75,288	77,280	(1,992)	-3 %
GAS INTEGRITY PROGRAMS	SCG-09	211,720	183,433	28,287	15 %
GAS STORAGE	SCG-10-R	42,102	46,180	(4,078)	-9 %
GAS SYSTEM STAFF & TECHNOLOGY	SCG-05	3,898	5,565	(1,667)	-30 %
GAS TRANSMISSION	SCG-06-2R-E	40,555	36,784	3,771	10 %
INFORMATION TECHNOLOGY	SCG-21	25,028	22,392	2,636	12 %
PEOPLE AND CULTURE DEPARTMENT	SCG-28-R-E	2,866	3,755	(889)	-24 %
PIPELINE SAFETY ENHANCEMENT PLAN	SCG-08	41,928	48,863	(6,935)	-14 %
REAL ESTATE & FACILITIES	SCG-19-R-2E	4,377	2,172	2,205	102 %
SAFETY MANAGEMENT SYSTEMS	SCG-27-2R-E	14,461	17,197	(2,736)	-16 %
SCG ENVIRONMENTAL	SCG-20-R	10,990	6,501	4,489	69 %
Grand Total		**609,138**	**596,604**	**12,534**	**2%**

vi. SoCalGas O&M RAMP Variances by RAMP Chapter

RAMP Chapter	RAMP Risk Description	2024 RAMP Actuals	2024 Imputed Authorized RAMP	RAMP $ Variance	RAMP % Variance
SCG-Risk-1	Incident Related to the High Pressure System (Excluding Dig-in)	232,362	192,624	39,738	21 %
SCG-Risk-2	Excavation Damage (Dig-In) on the Gas System	32,330	31,682	648	2 %
SCG-Risk-3	Incident Related to the Medium Pressure System (Excluding Dig-in)	209,406	237,043	(27,637)	-12 %
SCG-Risk-4	Incident Related to the Storage System (Excluding Dig-in)	69,811	71,253	(1,442)	-2 %
SCG-Risk-5	Incident Involving an Employee	7,083	8,146	(1,063)	-13 %
SCG-Risk-6	Cybersecurity	8,586	4,392	4,194	95 %
SCG-Risk-7	Incident Involving a Contractor	326	586	(260)	-44 %
SCG-CFF-1	Asset and Records Management	11,407	12,752	(1,345)	-11 %
SCG-CFF-2	Energy Resilience	8,387	11,391	(3,004)	-26 %
SCG-CFF-3	Emergency Preparedness and Response and Pandemic	2,414	2,594	(180)	-7 %
SCG-CFF-4	Foundational Technology Systems	13,980	10,938	3,042	28 %
SCG-CFF-5	Physical Security	3,754	1,514	2,240	148 %
SCG-CFF-6	Safety Management System	7,708	9,024	(1,316)	-15 %
SCG-CFF-7	Workforce Planning / Qualified Workforce	1,584	2,665	(1,081)	-41 %
Total SoCalGas RAMP O&M		**609,138**	**596,604**	**12,534**	**2%**

vii. SoCalGas Capital RAMP Variances by GRC Witness Area

GRC Witness Area	SoCalGas Exhibit Number	2024 RAMP Actuals	2024 Imputed Authorized RAMP	RAMP $ Variance	RAMP % Variance
CYBERSECURITY	SCG-22-R	26,096	47,075	(20,979)	-45 %
FACILITIES/OTHER	SCG-19-R-2E	16,292	9,713	6,579	68 %
GAS DISTRIBUTION	SCG-04-R-E	109,915	78,180	31,735	41 %
GAS INTEGRITY PROGRAMS	SCG-09	387,680	389,312	(1,632)	— %
GAS STORAGE	SCG-10-R	140,174	83,352	56,822	68 %
GAS TRANSMISSION	SCG-06-2R-E	198,741	98,457	100,284	102 %
INFORMATION TECHNOLOGY	SCG-21	192,413	120,666	71,747	59 %
PIPELINE SAFETY ENHANCEMENT PLAN	SCG-08	109,764	62,727	47,037	75 %
Grand Total		**1,181,075**	**889,482**	**291,593**	**33%**

viii. SoCalGas Capital RAMP Variances by RAMP Chapter

RAMP Chapter	RAMP Risk Description	2024 RAMP Actuals	2024 Imputed Authorized RAMP	RAMP $ Variance	RAMP % Variance
SCG-Risk-1	Incident Related to the High Pressure System (Excluding Dig-in)	467,711	402,623	65,088	16%
SCG-Risk-2	Excavation Damage (Dig-In) on the Gas System	6,304	3,129	3,175	101%
SCG-Risk-3	Incident Related to the Medium Pressure System (Excluding Dig-in)	288,082	189,952	98,130	52%
SCG-Risk-4	Incident Related to the Storage System (Excluding Dig-in)	176,055	110,240	65,815	60%
SCG-Risk-5	Incident Involving an Employee	12,379	5,605	6,774	121%
SCG-Risk-6	Cybersecurity	26,096	47,075	(20,979)	-45%
SCG-CFF-1	Asset and Records Management	22,030	15,986	6,044	38%
SCG-CFF-2	Energy Resilience	3,913	4,189	(276)	-7%
SCG-CFF-4	Foundational Technology Systems	178,504	108,473	70,031	65%
SCG-CFF-5	Physical Security	—	2,210	(2,210)	-100%
Total SoCalGas RAMP Capital		**1,181,075**	**889,482**	**291,593**	**33%**

ATTACHMENT A - SDG&E'S 2024 RISK SPENDING

SDG&E ELECTRIC DISTRIBUTION O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	ByStep	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date ($)
O&M	ELECTRIC DISTRIBUTION	ELECTRIC DISTRIBUTION				Yes			139,104	---	---	---	139,104	139,000	132,400	136,500	140,645	136,500
O&M	ELECTRIC DISTRIBUTION	COMPLIANCE MANAGEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	3,344	---	---	---	3,344	5,487	5,652	5,822	5,997	5,487
O&M	**ELECTRIC DISTRIBUTION**	**Sub Total COMPLIANCE MANAGEMENT**				**Yes**			**3,344**	**---**	**---**	**---**	**3,344**	**5,487**	**5,652**	**5,822**	**5,997**	**5,487**
O&M	ELECTRIC DISTRIBUTION	CONSTRUCTION MANAGEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	2,621	---	---	---	2,621	4,593	4,731	4,873	5,020	4,593
O&M	ELECTRIC DISTRIBUTION	CONSTRUCTION MANAGEMENT	Incident Involving an Employee	Mandatory Employee Health and Safety Training Program and Standardized Policies	N/A	No	On-going	Annual	5	---	---	---	5	9	9	9	9	9
O&M	ELECTRIC DISTRIBUTION	CONSTRUCTION MANAGEMENT	Incident Involving an Employee	Personal Protective Equipment	N/A	No	On-going	Annual	5	---	---	---	5	9	9	9	9	9
O&M	**ELECTRIC DISTRIBUTION**	**Sub Total CONSTRUCTION MANAGEMENT**				**Yes**			**2,631**	**---**	**---**	**---**	**2,631**	**4,611**	**4,749**	**4,891**	**5,038**	**4,611**
O&M	ELECTRIC DISTRIBUTION	DISTRIBUTION DESIGN AND PROJECT MANAGEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	1,128	---	---	---	1,128	1,486	1,531	1,577	1,624	1,486
O&M	**ELECTRIC DISTRIBUTION**	**Sub Total DISTRIBUTION DESIGN AND PROJECT MANAGEMENT**				**Yes**			**1,128**	**---**	**---**	**---**	**1,128**	**1,486**	**1,531**	**1,577**	**1,624**	**1,486**
O&M	ELECTRIC DISTRIBUTION	ELECTRIC ENGINEERING	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	2,010	---	---	---	2,010	2,389	2,461	2,535	2,611	2,389
O&M	ELECTRIC DISTRIBUTION	ELECTRIC ENGINEERING	Asset Management	AIM (Gov, Strat, AIP)	N/A	No	On-going	Annual	17	---	---	---	17	5	5	5	5	5
O&M	ELECTRIC DISTRIBUTION	ELECTRIC ENGINEERING	Incident Involving an Employee	Personal Protective Equipment	N/A	No	On-going	Annual	5	---	---	---	5	23	24	25	26	23
O&M	**ELECTRIC DISTRIBUTION**	**Sub Total ELECTRIC ENGINEERING**				**Yes**			**2,031**	**---**	**---**	**---**	**2,031**	**2,417**	**2,490**	**2,565**	**2,642**	**2,417**
O&M	ELECTRIC DISTRIBUTION	ELECTRIC ENGINEERING (TNG)	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	26	---	---	---	26	76	78	80	82	76
O&M	**ELECTRIC DISTRIBUTION**	**Sub Total ELECTRIC ENGINEERING (TNG)**				**Yes**			**26**	**---**	**---**	**---**	**26**	**76**	**78**	**80**	**82**	**76**
O&M	ELECTRIC DISTRIBUTION	ELECTRIC REGIONAL OPERATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	35,125	---	---	---	35,125	40,532	41,748	43,000	44,290	40,532
O&M	ELECTRIC DISTRIBUTION	ELECTRIC REGIONAL OPERATIONS	Incident Involving an Employee	Employee Accidental Behavior Program	None	No	On-going	Annual	62	---	---	---	62	80	82	84	87	80
O&M	ELECTRIC DISTRIBUTION	ELECTRIC REGIONAL OPERATIONS	Incident Involving an Employee	Mandatory Employee Health and Safety Training Program and Standardized Policies	None	No	On-going	Annual	145	---	---	---	145	187	193	199	205	187
O&M	ELECTRIC DISTRIBUTION	ELECTRIC REGIONAL OPERATIONS	Incident Involving an Employee	Personal Protective Equipment	None	No	On-going	Annual	467	---	---	---	467	602	620	639	658	602
O&M	**ELECTRIC DISTRIBUTION**	**Sub Total ELECTRIC REGIONAL OPERATIONS**				**Yes**			**35,800**	**---**	**---**	**---**	**35,800**	**41,401**	**42,643**	**43,922**	**45,240**	**41,401**

SDG&E ELECTRIC DISTRIBUTION O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Cluster	RAMP Mitigation Activity	RAMP Tranche	In Rate	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date ($)
O&M	ELECTRIC DISTRIBUTION	ELECTRIC SYSTEM OPERATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	Ongoing	Annual	41,362	---	---	---	41,362	34,092	35,115	36,168	37,253	34,092
O&M	**ELECTRIC DISTRIBUTION**	**Sub Total ELECTRIC SYSTEM OPERATIONS**				**Yes**			**41,362**	**---**	**---**	**---**	**41,362**	**34,092**	**35,115**	**36,168**	**37,253**	**34,092**
O&M	ELECTRIC DISTRIBUTION	ELECTRIC SYSTEM OPERATIONS (TNG - GISS)	Records Management	GIS Jobs Processed	N/A	No	Ongoing	Annual	2,187	---	---	---	2,187	1,040	1,071	1,103	1,136	1,040
O&M	**ELECTRIC DISTRIBUTION**	**Sub Total ELECTRIC SYSTEM OPERATIONS (TNG - GISS)**				**Yes**			**2,187**	**---**	**---**	**---**	**2,187**	**1,040**	**1,071**	**1,103**	**1,136**	**1,040**
O&M	ELECTRIC DISTRIBUTION	ET&D: OPERATIONS SERVICES	Non-RAMP	Non-RAMP	Non-RAMP	No	Ongoing	Annual	2,430	---	---	---	2,430	1,559	1,606	1,655	1,705	1,559
O&M	ELECTRIC DISTRIBUTION	ET&D: OPERATIONS SERVICES	Incident Involving an Employee	OSHA Voluntary Protection Program	N/A	No	Ongoing	Annual	621	---	---	---	621	78	80	82	84	78
O&M	ELECTRIC DISTRIBUTION	ET&D: OPERATIONS SERVICES	Incident Involving an Employee	Personal Protective Equipment	None	No	Ongoing	Annual	1,286	---	---	---	1,286	824	849	874	900	824
O&M	**ELECTRIC DISTRIBUTION**	**Sub Total ET&D: OPERATIONS SERVICES**				**Yes**			**4,338**	**---**	**---**	**---**	**4,338**	**2,461**	**2,535**	**2,611**	**2,689**	**2,461**
O&M	ELECTRIC DISTRIBUTION	ET&D: SUBSTATION C&O	Non-RAMP	Non-RAMP	Non-RAMP	No	Ongoing	Annual	8,418	---	---	---	8,418	4,904	5,050	5,202	5,358	4,904
O&M	ELECTRIC DISTRIBUTION	ET&D: SUBSTATION C&O	Electric Infrastructure Integrity	Substation Inspections & Repairs GO-174	Inspections & Repairs	No	Ongoing	Annual	1,843	---	---	---	1,843	1,351	1,392	1,433	1,476	1,351
O&M	ELECTRIC DISTRIBUTION	ET&D: SUBSTATION C&O	Incident Involving an Employee	OSHA Voluntary Protection Program	N/A	No	Ongoing	Annual	25	---	---	---	25	168	169	174	179	168
O&M	ELECTRIC DISTRIBUTION	ET&D: SUBSTATION C&O	Incident Involving an Employee	Personal Protective Equipment	None	No	Ongoing	Annual	256	---	---	---	256	162	167	172	177	162
O&M	**ELECTRIC DISTRIBUTION**	**Sub Total ET&D: SUBSTATION C&O**				**Yes**			**10,542**	**---**	**---**	**---**	**10,542**	**6,581**	**6,778**	**6,981**	**7,190**	**6,581**
O&M	ELECTRIC DISTRIBUTION	ET&D: SUBSTATION C&O (RELAY & SCADA)	Non-RAMP	Non-RAMP	Non-RAMP	No	Ongoing	Annual	3,875	---	---	---	3,875	4,161	4,286	4,415	4,547	4,161

SDG&E ELECTRIC DISTRIBUTION O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Cluster	RAMP Mitigation Activity	RAMP Tranche	To Recp	Project Life (Years)	Project Type	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date ($)
O&M	ELECTRIC DISTRIBUTION	ET&D: SUBSTATION C&O (RELAY & SCADA)	Incident Involving an Employee	Personal Protective Equipment	None	No	On-going	Annual	41	--	--	--	41	31	32	33	34	31
O&M	**ELECTRIC DISTRIBUTION**	**Sub Total ET&D: SUBSTATION C&O (RELAY & SCADA)**				**Yes**			**3,916**	--	--	--	**3,916**	**4,192**	**4,318**	**4,448**	**4,581**	**4,192**
O&M	ELECTRIC DISTRIBUTION	TROUBLESHOOTING	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	12,855	--	--	--	12,855	10,010	11,132	11,466	11,810	10,010
O&M	ELECTRIC DISTRIBUTION	TROUBLESHOOTING	Incident Involving an Employee	Mandatory Employee Health and Safety Training Programs and Standardized Policies	None	No	On-going	Annual	36	--	--	--	36	30	31	32	33	30
O&M	ELECTRIC DISTRIBUTION	TROUBLESHOOTING	Incident Involving an Employee	Personal Protective Equipment	None	No	On-going	Annual	44	--	--	--	44	37	38	39	40	37
O&M	**ELECTRIC DISTRIBUTION**	**Sub Total TROUBLESHOOTING**				**Yes**			**12,935**	--	--	--	**12,935**	**10,078**	**11,201**	**11,537**	**11,883**	**10,078**
O&M	ELECTRIC DISTRIBUTION	OFFICER	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	987	--	--	--	987	1,451	1,495	1,540	1,586	1,451
O&M	**ELECTRIC DISTRIBUTION**	**Sub Total OFFICER**				**Yes**			**987**	--	--	--	**987**	**1,451**	**1,495**	**1,540**	**1,586**	**1,451**
O&M	ELECTRIC DISTRIBUTION	PORTFOLIO & PROJECT MANAGEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	456	--	--	--	456	582	599	617	636	582
O&M	**ELECTRIC DISTRIBUTION**	**Sub Total PORTFOLIO & PROJECT MANAGEMENT**				**Yes**			**456**	--	--	--	**456**	**582**	**599**	**617**	**636**	**582**
O&M	ELECTRIC DISTRIBUTION	REGIONAL PUBLIC AFFAIRS	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	1,639	--	--	--	1,639	1,566	1,613	1,661	1,711	1,566
O&M	**ELECTRIC DISTRIBUTION**	**Sub Total REGIONAL PUBLIC AFFAIRS**				**Yes**			**1,639**	--	--	--	**1,639**	**1,566**	**1,613**	**1,661**	**1,711**	**1,566**
O&M	ELECTRIC DISTRIBUTION	RELIABILITY AND CAPACITY	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	2,282	--	--	--	2,282	2,786	2,870	2,956	3,045	2,786
O&M	**ELECTRIC DISTRIBUTION**	**Sub Total RELIABILITY AND CAPACITY**				**Yes**			**2,282**	--	--	--	**2,282**	**2,786**	**2,870**	**2,956**	**3,045**	**2,786**
O&M	ELECTRIC DISTRIBUTION	SERVICE ORDER TEAM (SOT)	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	7,936	--	--	--	7,936	4,635	4,774	4,917	5,065	4,635
O&M	**ELECTRIC DISTRIBUTION**	**Sub Total SERVICE ORDER TEAM (SOT)**				**Yes**			**7,936**	--	--	--	**7,936**	**4,635**	**4,774**	**4,917**	**5,065**	**4,635**
O&M	ELECTRIC DISTRIBUTION	SKILLS & COMPLIANCE TRAINING	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	1,103	--	--	--	1,103	1,694	1,744	1,796	1,850	1,694
O&M	ELECTRIC DISTRIBUTION	SKILLS & COMPLIANCE TRAINING	Incident Involving an Employee	Industrial Athletic Trainer	N/A	No	On-going	Annual	153	--	--	--	153	27	28	29	30	27
O&M	ELECTRIC DISTRIBUTION	SKILLS & COMPLIANCE TRAINING	Incident Involving an Employee	Personal Protective Equipment	N/A	No	On-going	Annual	52	--	--	--	52	128	132	136	140	128
O&M	**ELECTRIC DISTRIBUTION**	**Sub Total SKILLS & COMPLIANCE TRAINING**				**Yes**			**1,309**	--	--	--	**1,309**	**1,849**	**1,904**	**1,961**	**2,020**	**1,849**
O&M	ELECTRIC DISTRIBUTION	SKILLS & COMPLIANCE TRAINING (TNG)	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	266	--	--	--	266	1,274	1,312	1,351	1,391	1,274
O&M	ELECTRIC DISTRIBUTION	SKILLS & COMPLIANCE TRAINING (TNG)	Incident Involving an Employee	Personal Protective Equipment	None	No	On-going	Annual	35	--	--	--	35	122	126	130	134	122
O&M	**ELECTRIC DISTRIBUTION**	**Sub Total SKILLS & COMPLIANCE TRAINING (TNG)**				**Yes**			**319**	--	--	--	**319**	**1,396**	**1,438**	**1,481**	**1,525**	**1,396**

SDG&E ELECTRIC DISTRIBUTION O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	ftyBasp	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference ($)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
O&M	ELECTRIC DISTRIBUTION	ELECTRIC DISTRIBUTION				Yes	5,184	(132,944)	(136,630)	(140,424)	5,184	96%	-100%	-100%	-100%	96%
O&M	ELECTRIC DISTRIBUTION	COMPLIANCE MANAGEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	(2,143)	(5,652)	(5,822)	(5,997)	(2,143)	-39%	-100%	-100%	-100%	-39%
O&M	**ELECTRIC DISTRIBUTION**	**Sub Total COMPLIANCE MANAGEMENT**				**Yes**	**(2,143)**	**(5,652)**	**(5,822)**	**(5,997)**	**(2,143)**	**-39%**	**-100%**	**-100%**	**-100%**	**-39%**
O&M	ELECTRIC DISTRIBUTION	CONSTRUCTION MANAGEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	(1,972)	(4,731)	(4,873)	(5,020)	(1,972)	-43%	-100%	-100%	-100%	-43%
O&M	ELECTRIC DISTRIBUTION	CONSTRUCTION MANAGEMENT	Incident Involving an Employee	Mandatory Employee Health and Safety Training Program and Standardized Policies	N/A	No	(4)	(9)	(9)	(9)	(4)	-43%	-100%	-100%	-100%	-43%
O&M	ELECTRIC DISTRIBUTION	CONSTRUCTION MANAGEMENT	Incident Involving an Employee	Personal Protective Equipment	N/A	No	(4)	(9)	(9)	(9)	(4)	-43%	-100%	-100%	-100%	-43%
O&M	**ELECTRIC DISTRIBUTION**	**Sub Total CONSTRUCTION MANAGEMENT**				**Yes**	**(1,980)**	**(4,749)**	**(4,891)**	**(5,038)**	**(1,980)**	**-43%**	**-100%**	**-100%**	**-100%**	**-43%**
O&M	ELECTRIC DISTRIBUTION	DISTRIBUTION DESIGN AND PROJECT MANAGEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	(358)	(1,531)	(1,577)	(1,624)	(358)	-24%	-100%	-100%	-100%	-24%
O&M	**ELECTRIC DISTRIBUTION**	**Sub Total DISTRIBUTION DESIGN AND PROJECT MANAGEMENT**				**Yes**	**(358)**	**(1,531)**	**(1,577)**	**(1,624)**	**(358)**	**-24%**	**-100%**	**-100%**	**-100%**	**-24%**
O&M	ELECTRIC DISTRIBUTION	ELECTRIC ENGINEERING	Non-RAMP	Non-RAMP	Non-RAMP	No	(379)	(2,461)	(2,535)	(2,611)	(379)	-16%	-100%	-100%	-100%	-16%
O&M	ELECTRIC DISTRIBUTION	ELECTRIC ENGINEERING	Asset Management	AIM (Gov, Strat, AIP)	N/A	No	12	(5)	(5)	(5)	12	233%	-100%	-100%	-100%	233%
O&M	ELECTRIC DISTRIBUTION	ELECTRIC ENGINEERING	Incident Involving an Employee	Personal Protective Equipment	N/A	No	(18)	(24)	(25)	(26)	(18)	-78%	-100%	-100%	-100%	-78%
O&M	**ELECTRIC DISTRIBUTION**	**Sub Total ELECTRIC ENGINEERING**				**Yes**	**(386)**	**(2,490)**	**(2,565)**	**(2,641)**	**(386)**	**-16%**	**-100%**	**-100%**	**-100%**	**-16%**
O&M	ELECTRIC DISTRIBUTION	ELECTRIC ENGINEERING (TNG)	Non-RAMP	Non-RAMP	Non-RAMP	No	(50)	(78)	(80)	(82)	(50)	-69%	-100%	-100%	-100%	-69%
O&M	**ELECTRIC DISTRIBUTION**	**Sub Total ELECTRIC ENGINEERING (TNG)**				**Yes**	**(50)**	**(78)**	**(80)**	**(82)**	**(50)**	**-69%**	**-100%**	**-100%**	**-100%**	**-69%**
O&M	ELECTRIC DISTRIBUTION	ELECTRIC REGIONAL OPERATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	(5,407)	(41,748)	(43,000)	(44,290)	(5,407)	-13%	-100%	-100%	-100%	-13%
O&M	ELECTRIC DISTRIBUTION	ELECTRIC REGIONAL OPERATIONS	Incident Involving an Employee	Employee Accidental Behavior Program	None	No	(18)	(82)	(84)	(87)	(18)	-22%	-100%	-100%	-100%	-22%
O&M	ELECTRIC DISTRIBUTION	ELECTRIC REGIONAL OPERATIONS	Incident Involving an Employee	Mandatory Employee Health and Safety Training Program and Standardized Policies	None	No	(42)	(193)	(199)	(205)	(42)	-23%	-100%	-100%	-100%	-23%
O&M	ELECTRIC DISTRIBUTION	ELECTRIC REGIONAL OPERATIONS	Incident Involving an Employee	Personal Protective Equipment	None	No	(135)	(620)	(639)	(658)	(135)	-22%	-100%	-100%	-100%	-22%
O&M	**ELECTRIC DISTRIBUTION**	**Sub Total ELECTRIC REGIONAL OPERATIONS**				**Yes**	**(5,601)**	**(42,643)**	**(43,922)**	**(45,240)**	**(5,601)**	**-14%**	**-100%**	**-100%**	**-100%**	**-14%**

SDG&E ELECTRIC DISTRIBUTION O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Cluster	RAMP Mitigation Activity	RAMP Tranche	In Rate	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference ($)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
O&M	ELECTRIC DISTRIBUTION	ELECTRIC SYSTEM OPERATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	7,270	(35,115)	(36,168)	(37,253)	7,270	21%	-100%	-100%	-100%	21%
O&M	**ELECTRIC DISTRIBUTION**	**Sub Total ELECTRIC SYSTEM OPERATIONS**				**Yes**	**7,270**	**(35,115)**	**(36,168)**	**(37,253)**	**7,270**	**21%**	**-100%**	**-100%**	**-100%**	**21%**
O&M	ELECTRIC DISTRIBUTION	ELECTRIC SYSTEM OPERATIONS (TNG - GISS)	Records Management	GIS Jobs Processed	N/A	No	1,147	(1,071)	(1,103)	(1,136)	1,147	110%	-100%	-100%	-100%	110%
O&M	**ELECTRIC DISTRIBUTION**	**Sub Total ELECTRIC SYSTEM OPERATIONS (TNG - GISS)**				**Yes**	**1,147**	**(1,071)**	**(1,103)**	**(1,136)**	**1,147**	**110%**	**-100%**	**-100%**	**-100%**	**110%**
O&M	ELECTRIC DISTRIBUTION	ET&D: OPERATIONS SERVICES	Non-RAMP	Non-RAMP	Non-RAMP	No	871	(1,606)	(1,655)	(1,705)	871	56%	-100%	-100%	-100%	56%
O&M	ELECTRIC DISTRIBUTION	ET&D: OPERATIONS SERVICES	Incident Involving an Employee	OSHA Voluntary Protection Program	N/A	No	543	(80)	(82)	(84)	543	697%	-100%	-100%	-100%	697%
O&M	ELECTRIC DISTRIBUTION	ET&D: OPERATIONS SERVICES	Incident Involving an Employee	Personal Protective Equipment	None	No	462	(849)	(874)	(900)	462	56%	-100%	-100%	-100%	56%
O&M	**ELECTRIC DISTRIBUTION**	**Sub Total ET&D: OPERATIONS SERVICES**				**Yes**	**1,877**	**(2,535)**	**(2,611)**	**(2,689)**	**1,877**	**76%**	**-100%**	**-100%**	**-100%**	**76%**
O&M	ELECTRIC DISTRIBUTION	ET&D: SUBSTATION C&O	Non-RAMP	Non-RAMP	Non-RAMP	No	3,514	(5,050)	(5,202)	(5,358)	3,514	72%	-100%	-100%	-100%	72%
O&M	ELECTRIC DISTRIBUTION	ET&D: SUBSTATION C&O	Electric Infrastructure Integrity	Substation Inspections & Repairs GO-174	Inspections & Repairs	No	492	(1,392)	(1,433)	(1,476)	492	36%	-100%	-100%	-100%	36%
O&M	ELECTRIC DISTRIBUTION	ET&D: SUBSTATION C&O	Incident Involving an Employee	OSHA Voluntary Protection Program	N/A	No	(139)	(169)	(174)	(179)	(139)	-85%	-100%	-100%	-100%	-85%
O&M	ELECTRIC DISTRIBUTION	ET&D: SUBSTATION C&O	Incident Involving an Employee	Personal Protective Equipment	None	No	94	(167)	(172)	(177)	94	58%	-100%	-100%	-100%	58%
O&M	**ELECTRIC DISTRIBUTION**	**Sub Total ET&D: SUBSTATION C&O**				**Yes**	**3,961**	**(6,778)**	**(6,981)**	**(7,190)**	**3,961**	**60%**	**-100%**	**-100%**	**-100%**	**60%**
O&M	ELECTRIC DISTRIBUTION	ET&D: SUBSTATION C&O (RELAY & SCADA)	Non-RAMP	Non-RAMP	Non-RAMP	No	(286)	(4,286)	(4,415)	(4,547)	(286)	-7%	-100%	-100%	-100%	-7%

SDG&E ELECTRIC DISTRIBUTION O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Cluster	RAMP Mitigation Activity	RAMP Tranche	In Rate	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference ($)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
O&M	ELECTRIC DISTRIBUTION	ET&D: SUBSTATION C&O (RELAY & SCADA)	Incident Involving an Employee	Personal Protective Equipment	None	No	10	(32)	(33)	(34)	10	32%	-100%	-100%	-100%	32%
O&M	**ELECTRIC DISTRIBUTION**	**Sub Total ET&D: SUBSTATION C&O (RELAY & SCADA)**				**Yes**	**(276)**	**(4,310)**	**(4,440)**	**(4,581)**	**(276)**	**-7%**	**-100%**	**-100%**	**-100%**	**-7%**
O&M	ELECTRIC DISTRIBUTION	TROUBLESHOOTING	Non-RAMP	Non-RAMP	Non-RAMP	No	2,047	(11,132)	(1,466)	(11,810)	2,047	19%	-100%	-100%	-100%	19%
O&M	ELECTRIC DISTRIBUTION	TROUBLESHOOTING	Incident Involving an Employee	Mandatory Employee Health and Safety Training Programs and Standardized Policies	None	No	6	(31)	(32)	(33)	6	21%	-100%	-100%	-100%	21%
O&M	ELECTRIC DISTRIBUTION	TROUBLESHOOTING	Incident Involving an Employee	Personal Protective Equipment	None	No	7	(38)	(39)	(40)	7	20%	-100%	-100%	-100%	20%
O&M	**ELECTRIC DISTRIBUTION**	**Sub Total TROUBLESHOOTING**				**Yes**	**2,060**	**(11,201)**	**(1,537)**	**(11,883)**	**2,060**	**19%**	**-100%**	**-100%**	**-100%**	**19%**
O&M	ELECTRIC DISTRIBUTION	OFFICER	Non-RAMP	Non-RAMP	Non-RAMP	No	(464)	(1,495)	(1,540)	(1,586)	(464)	-32%	-100%	-100%	-100%	-32%
O&M	**ELECTRIC DISTRIBUTION**	**Sub Total OFFICER**				**Yes**	**(464)**	**(1,495)**	**(1,540)**	**(1,586)**	**(464)**	**-32%**	**-100%**	**-100%**	**-100%**	**-32%**
O&M	ELECTRIC DISTRIBUTION	PORTFOLIO & PROJECT MANAGEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	(126)	(599)	(617)	(636)	(126)	-22%	-100%	-100%	-100%	-22%
O&M	**ELECTRIC DISTRIBUTION**	**Sub Total PORTFOLIO & PROJECT MANAGEMENT**				**Yes**	**(126)**	**(599)**	**(617)**	**(636)**	**(126)**	**-22%**	**-100%**	**-100%**	**-100%**	**-22%**
O&M	ELECTRIC DISTRIBUTION	REGIONAL PUBLIC AFFAIRS	Non-RAMP	Non-RAMP	Non-RAMP	No	73	(1,613)	(1,661)	(1,711)	73	5%	-100%	-100%	-100%	5%
O&M	**ELECTRIC DISTRIBUTION**	**Sub Total REGIONAL PUBLIC AFFAIRS**				**Yes**	**73**	**(1,613)**	**(1,661)**	**(1,711)**	**73**	**5%**	**-100%**	**-100%**	**-100%**	**5%**
O&M	ELECTRIC DISTRIBUTION	RELIABILITY AND CAPACITY	Non-RAMP	Non-RAMP	Non-RAMP	No	(504)	(2,870)	(2,956)	(3,045)	(504)	-18%	-100%	-100%	-100%	-18%
O&M	**ELECTRIC DISTRIBUTION**	**Sub Total RELIABILITY AND CAPACITY**				**Yes**	**(504)**	**(2,870)**	**(2,956)**	**(3,045)**	**(504)**	**-18%**	**-100%**	**-100%**	**-100%**	**-18%**
O&M	ELECTRIC DISTRIBUTION	SERVICE ORDER TEAM (SOT)	Non-RAMP	Non-RAMP	Non-RAMP	No	3,301	(4,774)	(4,917)	(5,065)	3,301	71%	-100%	-100%	-100%	71%
O&M	**ELECTRIC DISTRIBUTION**	**Sub Total SERVICE ORDER TEAM (SOT)**				**Yes**	**3,301**	**(4,774)**	**(4,917)**	**(5,065)**	**3,301**	**71%**	**-100%**	**-100%**	**-100%**	**71%**
O&M	ELECTRIC DISTRIBUTION	SKILLS & COMPLIANCE TRAINING	Non-RAMP	Non-RAMP	Non-RAMP	No	(591)	(1,744)	(1,796)	(1,850)	(591)	-35%	-100%	-100%	-100%	-35%
O&M	ELECTRIC DISTRIBUTION	SKILLS & COMPLIANCE TRAINING	Incident Involving an Employee	Industrial Athletic Trainer	N/A	No	126	(28)	(29)	(30)	126	468%	-100%	-100%	-100%	468%
O&M	ELECTRIC DISTRIBUTION	SKILLS & COMPLIANCE TRAINING	Incident Involving an Employee	Personal Protective Equipment	N/A	No	(76)	(132)	(136)	(140)	(76)	-59%	-100%	-100%	-100%	-59%
O&M	**ELECTRIC DISTRIBUTION**	**Sub Total SKILLS & COMPLIANCE TRAINING**				**Yes**	**(540)**	**(1,904)**	**(1,961)**	**(2,020)**	**(540)**	**-29%**	**-100%**	**-100%**	**-100%**	**-29%**
O&M	ELECTRIC DISTRIBUTION	SKILLS & COMPLIANCE TRAINING (TNG)	Non-RAMP	Non-RAMP	Non-RAMP	No	(990)	(1,312)	(1,351)	(1,391)	(990)	-78%	-100%	-100%	-100%	-78%
O&M	ELECTRIC DISTRIBUTION	SKILLS & COMPLIANCE TRAINING (TNG)	Incident Involving an Employee	Personal Protective Equipment	None	No	(87)	(126)	(130)	(134)	(87)	-71%	-100%	-100%	-100%	-71%
O&M	**ELECTRIC DISTRIBUTION**	**Sub Total SKILLS & COMPLIANCE TRAINING (TNG)**				**Yes**	**(1,077)**	**(1,438)**	**(1,481)**	**(1,525)**	**(1,077)**	**-77%**	**-100%**	**-100%**	**-100%**	**-77%**

SDG&E ELECTRIC DISTRIBUTION O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	ReAssign	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
O&M	ELECTRIC DISTRIBUTION	ELECTRIC DISTRIBUTION				Yes																					
O&M	ELECTRIC DISTRIBUTION	COMPLIANCE MANAGEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	This activity area consists of a variety of work streams that utilize internal and external labor and resources to manage including: (1) Oversight and governance of SDG&E's distribution electric Corrective Maintenance Program (2) Performance of graffiti abatement mandated by local ordinance for all of SDG&E's facilities (3) Performance of quality control and quality assurance audits of our distribution electric inspections (4) Responsibility for all joint asset management processes related to third-party use of SDG&E's overhead and underground facilities (5) Facilitate and support for CPUC, Safety Enforcement Division (SED) incident investigations and complaints (6) Facilitate and support CPUC, SED audits for electric distribution, transmission and substation (7) Execution of wood pole intrusive inspections and QA/QC audit of the wood pole intrusive inspection work (8) Management of SDG&E's Line Inspection program with responsibility to perform overhead and underground patrol inspections and overhead detailed inspections The variety and variability of work activities in this category makes it infeasible to identify a single unit of measurement.																				
O&M	**ELECTRIC DISTRIBUTION**	**Sub Total COMPLIANCE MANAGEMENT**				**Yes**																					
O&M	ELECTRIC DISTRIBUTION	CONSTRUCTION MANAGEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	This activity provides oversight of all construction performed by Contractors on the electric distribution system. This oversight promotes all work being built to SDG&E engineering, design, and safety standards and in accordance with GO 95 and GO 128 rules for construction. The O&M portion of transmission work conducted by Construction Management includes O&M activities associated with completing construction of capital projects, installation and removal of transformers, and repair and management of street lighting. The Construction Management group is responsible for administrative activities associated with capital construction work and also supports the Corrective Maintenance Program by monitoring and tracking those jobs which are constructed by contractors. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																				
O&M	ELECTRIC DISTRIBUTION	CONSTRUCTION MANAGEMENT	Incident Involving an Employee	Mandatory Employee Health and Safety Training Programs and Standardized Policies	N/A	No	FTE	2				2	2				2	0	0	0	0	0	5%	0 %	0 %	0%	5 %
O&M	ELECTRIC DISTRIBUTION	CONSTRUCTION MANAGEMENT	Incident Involving an Employee	Personal Protective Equipment	N/A	No	FTE	2				2	2				2	0	0	0	0	0	5%	0 %	0 %	0%	5 %
O&M	**ELECTRIC DISTRIBUTION**	**Sub Total CONSTRUCTION MANAGEMENT**				**Yes**																					
O&M	ELECTRIC DISTRIBUTION	DISTRIBUTION DESIGN AND PROJECT MANAGEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	FTE	4				4	3				3	1	0	0	0	0	6%	0 %	0 %	0%	6 %
O&M	**ELECTRIC DISTRIBUTION**	**Sub Total DISTRIBUTION DESIGN AND PROJECT MANAGEMENT**				**Yes**																					
O&M	ELECTRIC DISTRIBUTION	ELECTRIC ENGINEERING	Non-RAMP	Non-RAMP	Non-RAMP	No	FTE	4				4	8				8	(4)	0	0	0	(4)	(50)%	0 %	0 %	0 %	(50)%
O&M	ELECTRIC DISTRIBUTION	ELECTRIC ENGINEERING	Asset Management	AIM (Gov, Strat, AIP)	N/A	No	This activity area consists of work to further develop and implement asset data aggregation, integration, and asset health models for an expanded scope of assets within Gas, Smart Meter, Facilities, Information Technology, and emerging lines of business. The development of these data repositories supports the overall objectives of the broader Asset Integrity Management (AIM) program. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																		
O&M	ELECTRIC DISTRIBUTION	ELECTRIC ENGINEERING	Incident Involving an Employee	Personal Protective Equipment	N/A	No	FTE	4				4	8				8	(4)	0	0	0	(4)	(50)%	0 %	0 %	0 %	(50)%
O&M	**ELECTRIC DISTRIBUTION**	**Sub Total ELECTRIC ENGINEERING**				**Yes**																					
O&M	ELECTRIC DISTRIBUTION	ELECTRIC ENGINEERING (TNG)	Non-RAMP	Non-RAMP	Non-RAMP	No	This activity includes O&M costs related to the Associate Engineer's Program. The labor for these Associate Engineer's is primarily charged to Engineering Pools and the non-labor is for O&M related expenses. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																		
O&M	**ELECTRIC DISTRIBUTION**	**Sub Total ELECTRIC ENGINEERING (TNG)**				**Yes**																					
O&M	ELECTRIC DISTRIBUTION	ELECTRIC REGIONAL OPERATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	FTE	125				125	168				168	(43)	0	0	0	(43)	(26)%	0 %	0 %	0 %	(26)%
O&M	ELECTRIC DISTRIBUTION	ELECTRIC REGIONAL OPERATIONS	Incident Involving an Employee	Employee Accidental Behavior Program	None	No	FTE	0				0	1				1	(0)	0	0	0	(0)	(24)%	0 %	0 %	0 %	(24)%
O&M	ELECTRIC DISTRIBUTION	ELECTRIC REGIONAL OPERATIONS	Incident Involving an Employee	Mandatory Employee Health and Safety Training Programs and Standardized Policies	None	No	Training classes	56				56	39				39	17	0	0	0	17	44%	0 %	0 %	0%	44 %
O&M	ELECTRIC DISTRIBUTION	ELECTRIC REGIONAL OPERATIONS	Incident Involving an Employee	Personal Protective Equipment	None	No	FTE	125				125	168				168	(43)	0	0	0	(43)	(26)%	0 %	0 %	0 %	(26)%
O&M	**ELECTRIC DISTRIBUTION**	**Sub Total ELECTRIC REGIONAL OPERATIONS**				**Yes**																					

SDG&E ELECTRIC DISTRIBUTION O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Cluster	RAMP Mitigation Activity	RAMP Tranche	Is Rollup	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
O&M	ELECTRIC DISTRIBUTION	ELECTRIC SYSTEM OPERATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	Electric System Operations provides oversight of all activities on the electric system and is required to ensure the safety of both the public and field workers making enhancements and repairs to the electric system. The activities involve planned and unplanned outages, along with managing emergency events related to wildfire safety and system stresses. Being the source provider of situational awareness and workflow management technology to key stakeholders, the Mission Control Center hosts several workgroups within Electric Grid Operations and Electric Distribution Operations. One of the essential workgroups for both departments are the operators who are responsible for monitoring and maintaining the reliability of SDG&E's service territory on a 24/7/365 basis. This workpaper also includes support for electric operations, such as operator training, maintenance of SCADA and Advanced Distribution Management systems, Distributed Energy resource enablement and storeroom material and logistics support for construction activities. The data systems that support SDG&E's daily operational workforce are continuously advancing to sustain the integrity of the electric system that is growing through technology and new energy resources. The Supervisory Control and Data Acquisition (SCADA) technology is continuing to grow in use for wildfire mitigation, visibility into the electric system, and customer energy electrification and the use of distributed energy resources. Training on the new features of technologies and tools is also needed. A single work unit is not possible to identify due to disparate activities in this workpaper such as switching volumes, costs that scale with capital, and costs related to managing technology.																					
O&M	ELECTRIC DISTRIBUTION	Sub Total ELECTRIC SYSTEM OPERATIONS				Yes																					
O&M	ELECTRIC DISTRIBUTION	ELECTRIC SYSTEM OPERATIONS (TNG - GISS)	Records Management	GIS Jobs Processed	N/A	No	FTE	21				21	13				13	8	0	0	0	8	60%	0%	0%	0%	60%
O&M	ELECTRIC DISTRIBUTION	Sub Total ELECTRIC SYSTEM OPERATIONS (TNG - GISS)				Yes																					
O&M	ELECTRIC DISTRIBUTION	ET&D: OPERATIONS SERVICES	Non-RAMP	Non-RAMP	Non-RAMP	No	Tests, inspections, and repairs of rubber goods, tools, and equipment	41,052				41,052	33,455				33,455	7,597	0	0	0	7,597	23%	0%	0%	0%	23%
O&M	ELECTRIC DISTRIBUTION	ET&D: OPERATIONS SERVICES	Incident Involving an Employee	OSHA Voluntary Protection Program	N/A	No	Voluntary Protection Plan (VPP) locations	1				1	1				1	0	0	0	0	–	0%	0%	0%	0%	0%
O&M	ELECTRIC DISTRIBUTION	ET&D: OPERATIONS SERVICES	Incident Involving an Employee	Personal Protective Equipment	None	No	FTE	19				19	16				16	4	0	0	0	4	23%	0%	0%	0%	23%
O&M	ELECTRIC DISTRIBUTION	Sub Total ET&D: OPERATIONS SERVICES				Yes																					
O&M	ELECTRIC DISTRIBUTION	ET&D: SUBSTATION C&O	Non-RAMP	Non-RAMP	Non-RAMP	No	Preventive maintenance orders	2,424				2,424	1,727				1,727	697	0	0	0	697	40%	0%	0%	0%	40%
O&M	ELECTRIC DISTRIBUTION	ET&D: SUBSTATION C&O	Electric Infrastructure Integrity	Substation Inspections & Repairs GO-174	Inspections & Repairs	No	Inspections and corrective maintenance orders	2,211				2,211	2,156				2,156	55	0	0	0	55	3%	0%	0%	0%	3%
O&M	ELECTRIC DISTRIBUTION	ET&D: SUBSTATION C&O	Incident Involving an Employee	OSHA Voluntary Protection Program	N/A	No	VPP locations	1				1	1				1	0	0	0	0	–	0%	0%	0%	0%	0%
O&M	ELECTRIC DISTRIBUTION	ET&D: SUBSTATION C&O	Incident Involving an Employee	Personal Protective Equipment	None	No	FTE	36				36	28				28	8	0	0	0	8	29%	0%	0%	0%	29%
O&M	ELECTRIC DISTRIBUTION	Sub Total ET&D: SUBSTATION C&O				Yes																					
O&M	ELECTRIC DISTRIBUTION	ET&D: SUBSTATION C&O (RELAY & SCADA)	Non-RAMP	Non-RAMP	Non-RAMP	No	Preventive and corrective maintenance orders completed by SPM	1,210				1,210	1,522				1,522	(312)	0	0	0	(312)	(20)%	0%	0%	0%	(20)%

SDG&E ELECTRIC DISTRIBUTION O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Cluster	RAMP Mitigation Activity	RAMP Tranche	Is Roll-up	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
O&M	ELECTRIC DISTRIBUTION	ET&D: SUBSTATION C&O (RELAY & SCADA)	Incident Involving an Employee	Personal Protective Equipment	None	No	FTE	17				17	22				22	(5)	0	0	0	(5)	(24)%	0 %	0 %	0 %	(24)%
O&M	ELECTRIC DISTRIBUTION	**Sub Total ET&D: SUBSTATION C&O (RELAY & SCADA)**				Yes																					
O&M	ELECTRIC DISTRIBUTION	TROUBLESHOOTING	Non-RAMP	Non-RAMP	Non-RAMP	No	FTE	50				50	48				48	1	0	0	0	1	3%	0 %	0 %	0 %	3 %
O&M	ELECTRIC DISTRIBUTION	TROUBLESHOOTING	Incident Involving an Employee	Mandatory Employee Health and Safety Training Programs and Standardized Policies	None	No	Number of trainings classes	56				56	39				39	17	0	0	0	17	44 %	0 %	0 %	0%	44 %
O&M	ELECTRIC DISTRIBUTION	TROUBLESHOOTING	Incident Involving an Employee	Personal Protective Equipment	None	No	FTE	50				50	48				48	1	0	0	0	1	3%	0 %	0 %	0%	3 %
O&M	**ELECTRIC DISTRIBUTION**	**Sub Total TROUBLESHOOTING**				**Yes**																					
O&M	ELECTRIC DISTRIBUTION	OFFICER	Non-RAMP	Non-RAMP	Non-RAMP	No	FTE	3				3	6				6	(2)	0	0	0	(2)	(44)%	0 %	0 %	0 %	(44)%
O&M	**ELECTRIC DISTRIBUTION**	**Sub Total OFFICER**				**Yes**																					
O&M	ELECTRIC DISTRIBUTION	PORTFOLIO & PROJECT MANAGEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	Portfolio & Project Management is responsible for project management, document control management, project scheduling, quality assurance, and quality control for transmission, distribution, substation, energy storage, system hardening and system interconnection projects. This group manages projects from preliminary design through energization, ensuring consistent project management responsibility throughout the life of the project. QA/QC support is provided to ensure that all work is built to SDG&E Design and Safety Standards and is in accordance with GO 95 and GO 128 design and construction specifications. Document control and project scheduling helps maintain project timelines and meet schedule goals while ensuring that all documents for projects are labeled and safely stored for the required document retention timeline. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																		
O&M	**ELECTRIC DISTRIBUTION**	**Sub Total PORTFOLIO & PROJECT MANAGEMENT**				**Yes**																					
O&M	ELECTRIC DISTRIBUTION	REGIONAL PUBLIC AFFAIRS	Non-RAMP	Non-RAMP	Non-RAMP	No	FTE	11				11	11				11	0	0	0	0	--	0%	0 %	0 %	0%	0 %
O&M	**ELECTRIC DISTRIBUTION**	**Sub Total REGIONAL PUBLIC AFFAIRS**				**Yes**																					
O&M	ELECTRIC DISTRIBUTION	RELIABILITY AND CAPACITY	Non-RAMP	Non-RAMP	Non-RAMP	No	FTE	13				13	17				17	(3)	0	0	0	(3)	(19)%	0 %	0 %	0 %	(19)%
O&M	**ELECTRIC DISTRIBUTION**	**Sub Total RELIABILITY AND CAPACITY**				**Yes**																					
O&M	ELECTRIC DISTRIBUTION	SERVICE ORDER TEAM (SOT)	Non-RAMP	Non-RAMP	Non-RAMP	No	Service Orders Completed	11,324				11,324	13,462				13,462	(2,138)	0	0	0	(2,138)	(16)%	0 %	0 %	0 %	(16)%
O&M	**ELECTRIC DISTRIBUTION**	**Sub Total SERVICE ORDER TEAM (SOT)**				**Yes**																					
O&M	ELECTRIC DISTRIBUTION	SKILLS & COMPLIANCE TRAINING	Non-RAMP	Non-RAMP	Non-RAMP	No	FTE	3				3	4				4	(1)	0	0	0	(1)	(26)%	0 %	0 %	0 %	(26)%
O&M	ELECTRIC DISTRIBUTION	SKILLS & COMPLIANCE TRAINING	Incident Involving an Employee	Industrial Athletic Trainer	N/A	No	FTE	2				2	0				0	1	0	0	0	1	467 %	0 %	0 %	0 %	467 %
O&M	ELECTRIC DISTRIBUTION	SKILLS & COMPLIANCE TRAINING	Incident Involving an Employee	Personal Protective Equipment	N/A	No	FTE	5				5	4				4	0	0	0	0	0	10 %	0 %	0 %	0%	10 %
O&M	**ELECTRIC DISTRIBUTION**	**Sub Total SKILLS & COMPLIANCE TRAINING**				**Yes**																					
O&M	ELECTRIC DISTRIBUTION	SKILLS & COMPLIANCE TRAINING (TNG)	Non-RAMP	Non-RAMP	Non-RAMP	No	FTE	1				1	2				2	(1)	0	0	0	(1)	(50)%	0 %	0 %	0 %	(50)%
O&M	ELECTRIC DISTRIBUTION	SKILLS & COMPLIANCE TRAINING (TNG)	Incident Involving an Employee	Personal Protective Equipment	None	No	FTE	1				1	2				2	(1)	0	0	0	(1)	(50)%	0 %	0 %	0 %	(50)%
O&M	**ELECTRIC DISTRIBUTION**	**Sub Total SKILLS & COMPLIANCE TRAINING (TNG)**				**Yes**																					

SDG&E ELECTRIC DISTRIBUTION O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	ByStep	Safety, Reliability, or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status	Status Variance Explanation Required?
O&M	ELECTRIC DISTRIBUTION	ELECTRIC DISTRIBUTION				Yes										
O&M	ELECTRIC DISTRIBUTION	COMPLIANCE MANAGEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**ELECTRIC DISTRIBUTION**	**Sub Total COMPLIANCE MANAGEMENT**				**Yes**	**YES**	**NO**								**NO**
O&M	ELECTRIC DISTRIBUTION	CONSTRUCTION MANAGEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	Under (U)	Proceeding as Planned	NO
O&M	ELECTRIC DISTRIBUTION	CONSTRUCTION MANAGEMENT	Incident Involving an Employee	Mandatory Employee Health and Safety Training Programs and Standardized Policies	N/A	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	ELECTRIC DISTRIBUTION	CONSTRUCTION MANAGEMENT	Incident Involving an Employee	Personal Protective Equipment	N/A	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**ELECTRIC DISTRIBUTION**	**Sub Total CONSTRUCTION MANAGEMENT**				**Yes**	**YES**	**NO**								**NO**
O&M	ELECTRIC DISTRIBUTION	DISTRIBUTION DESIGN AND PROJECT MANAGEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**ELECTRIC DISTRIBUTION**	**Sub Total DISTRIBUTION DESIGN AND PROJECT MANAGEMENT**				**Yes**	**YES**	**NO**								**NO**
O&M	ELECTRIC DISTRIBUTION	ELECTRIC ENGINEERING	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	YES	N/A	The variance is primarily driven by lower than forecasted staffing levels. SDG&E continues to recruit qualified candidates.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	ELECTRIC DISTRIBUTION	ELECTRIC ENGINEERING	Asset Management	AIM (Gov, Strat, AIP)	N/A	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	ELECTRIC DISTRIBUTION	ELECTRIC ENGINEERING	Incident Involving an Employee	Personal Protective Equipment	N/A	No	YES	NO	YES	N/A	The variance is primarily driven by lower than forecasted staffing levels. SDG&E continues to recruit qualified candidates.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**ELECTRIC DISTRIBUTION**	**Sub Total ELECTRIC ENGINEERING**				**Yes**	**YES**	**NO**								**NO**
O&M	ELECTRIC DISTRIBUTION	ELECTRIC ENGINEERING (TNG)	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**ELECTRIC DISTRIBUTION**	**Sub Total ELECTRIC ENGINEERING (TNG)**				**Yes**	**YES**	**NO**								**NO**
O&M	ELECTRIC DISTRIBUTION	ELECTRIC REGIONAL OPERATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	YES	YES	SDG&E continues to recruit linemen, during an industry wide shortage, but was unable to fill all the positions. Candidate attrition also contributed to the variance.	The variance is driven by lower than forecasted staffing levels. SDG&E continues to recruit linemen, during an industry wide shortage, but was unable to fill all the positions.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	ELECTRIC DISTRIBUTION	ELECTRIC REGIONAL OPERATIONS	Incident Involving an Employee	Employee Accidental Behavior Program	None	No	YES	NO	YES	N/A	The variance is primarily driven by lower than forecasted staffing levels. SDG&E continues to recruit qualified candidates.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	ELECTRIC DISTRIBUTION	ELECTRIC REGIONAL OPERATIONS	Incident Involving an Employee	Mandatory Employee Health and Safety Training Programs and Standardized Policies	None	No	YES	NO	YES	N/A	The variance is due to an increased number of safety closes required compared to the base year.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	ELECTRIC DISTRIBUTION	ELECTRIC REGIONAL OPERATIONS	Incident Involving an Employee	Personal Protective Equipment	None	No	YES	NO	YES	N/A	The variance is primarily driven by lower than forecasted staffing levels. SDG&E continues to recruit qualified candidates.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**ELECTRIC DISTRIBUTION**	**Sub Total ELECTRIC REGIONAL OPERATIONS**				**Yes**	**YES**	**YES**								**NO**

SDG&E ELECTRIC DISTRIBUTION O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Cluster	RAMP Mitigation Activity	RAMP Tranche	Ref Req	Safety, Reliability, or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status	Status Variance Explanation Required?
O&M	ELECTRIC DISTRIBUTION	ELECTRIC SYSTEM OPERATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	YES	NO	Higher than forecasted spend is attributable to increased escort patrol ask $3.250M and freight expenses $3.903M.	N/A	On Target (T)	On Target (T)	Over (O)	Proceeding as Planned	NO
O&M	**ELECTRIC DISTRIBUTION**	**Sub Total ELECTRIC SYSTEM OPERATIONS**				**Yes**	**YES**	**YES**								**NO**
O&M	ELECTRIC DISTRIBUTION	ELECTRIC SYSTEM OPERATIONS (TNG - GISS)	Records Management	GIS Jobs Processed	N/A	No	YES	NO	YES	N/A	Actual FTEs for 2024 reflect that training classes have returned to pre-COVID levels as compared to the 2021 base year forecast.	On Target (T)	On Target (T)	Over (O)	Proceeding as Planned	NO
O&M	**ELECTRIC DISTRIBUTION**	**Sub Total ELECTRIC SYSTEM OPERATIONS (TNG - GISS)**				**Yes**	**YES**	**NO**								**NO**
O&M	ELECTRIC DISTRIBUTION	ET&D: OPERATIONS SERVICES	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	YES	N/A	Units were higher than forecasted due to increase in the population of rubber goods, tools, and equipment that this group is responsible for inspecting, testing, and repairing.	On Target (T)	On Target (T)	Over (O)	Proceeding as Planned	NO
O&M	ELECTRIC DISTRIBUTION	ET&D: OPERATIONS SERVICES	Incident Involving an Employee	OSHA Voluntary Protection Program	N/A	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	ELECTRIC DISTRIBUTION	ET&D: OPERATIONS SERVICES	Incident Involving an Employee	Personal Protective Equipment	None	No	YES	NO	YES	N/A	FTEs were higher than forecasted due to the growing workload associated with the expanding inventory of rubber goods, tools, and equipment that this group is responsible for inspecting, testing, and repairing.	On Target (T)	On Target (T)	Over (O)	Proceeding as Planned	NO
O&M	**ELECTRIC DISTRIBUTION**	**Sub Total ET&D: OPERATIONS SERVICES**				**Yes**	**YES**	**NO**								**NO**
O&M	ELECTRIC DISTRIBUTION	ET&D: SUBSTATION C&O	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	YES	YES	Increased preventative maintenance work. The amount of maintenance required on substation equipment varies year-to-year depending on timing of cyclical preventative maintenance and identification of additional necessary corrective maintenance. In addition, $1.7M in non-labor expenses were reassigned from FERC transmission to electric distribution; these costs were not originally forecast in the 2024 GRC.	Increased preventative maintenance work. The amount of maintenance required on substation equipment varies year-to-year depending on timing of cyclical preventative maintenance and identification of additional necessary corrective maintenance.	On Target (T)	On Target (T)	Over (O)	Proceeding as Planned	NO
O&M	ELECTRIC DISTRIBUTION	ET&D: SUBSTATION C&O	Electric Infrastructure Integrity	Substation Inspections & Repairs GO-174	Inspections & Repairs	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	ELECTRIC DISTRIBUTION	ET&D: SUBSTATION C&O	Incident Involving an Employee	OSHA Voluntary Protection Program	N/A	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	ELECTRIC DISTRIBUTION	ET&D: SUBSTATION C&O	Incident Involving an Employee	Personal Protective Equipment	None	No	YES	NO	YES	N/A	Increased preventative maintenance work. The amount of maintenance required on substation equipment varies year-to-year depending on timing of cyclical preventative maintenance and identification of additional necessary corrective maintenance.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**ELECTRIC DISTRIBUTION**	**Sub Total ET&D: SUBSTATION C&O**				**Yes**	**YES**	**YES**								**NO**
O&M	ELECTRIC DISTRIBUTION	ET&D: SUBSTATION C&O (RELAY & SCADA)	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	YES	N/A	Less work performed than forecasted. The amount of maintenance required on protection and control equipment varies year-to-year depending on timing of cyclical preventative maintenance and identification of additional necessary corrective maintenance.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO

SDG&E ELECTRIC DISTRIBUTION O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Cluster	RAMP Mitigation Activity	RAMP Tranche	In Rate	Safety, Reliability, or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status	Status Variance Explanation Required?
O&M	ELECTRIC DISTRIBUTION	ET&D: SUBSTATION C&O (RELAY & SCADA)	Incident Involving an Employee	Personal Protective Equipment	None	No	YES	NO	YES	N/A	Less O&M work was performed in 2024 than forecasted in the GRC. The amount of maintenance required on protection and control equipment varies year-to-year depending on timing of cyclical preventative maintenance and identification of additional necessary corrective maintenance.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**ELECTRIC DISTRIBUTION**	**Sub Total ET&D: SUBSTATION C&O (RELAY & SCADA)**				**Yes**	**YES**	**NO**								**NO**
O&M	ELECTRIC DISTRIBUTION	TROUBLESHOOTING	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	ELECTRIC DISTRIBUTION	TROUBLESHOOTING	Incident Involving an Employee	Mandatory Employee Health and Safety Training Programs and Standardized Policies	None	No	YES	NO	YES	N/A	The variance is due to an increased number of safety classes required compared to the base year.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	ELECTRIC DISTRIBUTION	TROUBLESHOOTING	Incident Involving an Employee	Personal Protective Equipment	None	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**ELECTRIC DISTRIBUTION**	**Sub Total TROUBLESHOOTING**				**Yes**	**YES**	**NO**								**NO**
O&M	ELECTRIC DISTRIBUTION	OFFICER	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	YES	N/A	The variance is primarily driven by lower than forecasted staffing levels.	On Target (T)	On Target (T)	Under (U)	Proceeding as Planned	NO
O&M	**ELECTRIC DISTRIBUTION**	**Sub Total OFFICER**				**Yes**	**YES**	**NO**								**NO**
O&M	ELECTRIC DISTRIBUTION	PORTFOLIO & PROJECT MANAGEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**ELECTRIC DISTRIBUTION**	**Sub Total PORTFOLIO & PROJECT MANAGEMENT**				**Yes**	**YES**	**NO**								**NO**
O&M	ELECTRIC DISTRIBUTION	REGIONAL PUBLIC AFFAIRS	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**ELECTRIC DISTRIBUTION**	**Sub Total REGIONAL PUBLIC AFFAIRS**				**Yes**	**YES**	**NO**								**NO**
O&M	ELECTRIC DISTRIBUTION	RELIABILITY AND CAPACITY	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**ELECTRIC DISTRIBUTION**	**Sub Total RELIABILITY AND CAPACITY**				**Yes**	**YES**	**NO**								**NO**
O&M	ELECTRIC DISTRIBUTION	SERVICE ORDER TEAM (SOT)	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	YES	NO	Decision D.24.09.020, issued September 2024, set compliance timelines for timely energization of certain customer work. In order to meet timelines, extra Service Crews were onboarded. Of note, projects cross multiple years, often submitting applications in one year and completing the related projects 1-9 months after, therefore spanning multiple years.	N/A	On Target (T)	On Target (T)	Over (O)	Proceeding as Planned	NO
O&M	**ELECTRIC DISTRIBUTION**	**Sub Total SERVICE ORDER TEAM (SOT)**				**Yes**	**YES**	**YES**								**NO**
O&M	ELECTRIC DISTRIBUTION	SKILLS & COMPLIANCE TRAINING	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	YES	N/A	The variance is primarily driven by lower than forecasted staffing levels.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	ELECTRIC DISTRIBUTION	SKILLS & COMPLIANCE TRAINING	Incident Involving an Employee	Industrial Athletic Trainer	N/A	No	YES	NO	YES	N/A	SDG&E hired five Athletic Trainers before the GRC Decision was issued and did not authorize all forecasted positions.	Over (O)	On Target (T)	Over (O)	Expanded	NO
O&M	ELECTRIC DISTRIBUTION	SKILLS & COMPLIANCE TRAINING	Incident Involving an Employee	Personal Protective Equipment	N/A	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**ELECTRIC DISTRIBUTION**	**Sub Total SKILLS & COMPLIANCE TRAINING**				**Yes**	**YES**	**NO**								**NO**
O&M	ELECTRIC DISTRIBUTION	SKILLS & COMPLIANCE TRAINING (TNG)	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	YES	N/A	The variance is primarily driven by lower than forecasted staffing levels.	On Target (T)	On Target (T)	Under (U)	Proceeding as Planned	NO
O&M	ELECTRIC DISTRIBUTION	SKILLS & COMPLIANCE TRAINING (TNG)	Incident Involving an Employee	Personal Protective Equipment	None	No	YES	NO	YES	N/A	The variance is primarily driven by lower than forecasted staffing levels.	On Target (T)	On Target (T)	Under (U)	Proceeding as Planned	NO
O&M	**ELECTRIC DISTRIBUTION**	**Sub Total SKILLS & COMPLIANCE TRAINING (TNG)**				**Yes**	**YES**	**NO**								**NO**

SDG&E ELECTRIC DISTRIBUTION O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	ReRecip	Status Variance Explanation	WP Activity Description	2024 GRC Testimony Location
O&M	ELECTRIC DISTRIBUTION	ELECTRIC DISTRIBUTION				Yes			
O&M	ELECTRIC DISTRIBUTION	COMPLIANCE MANAGEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
O&M	**ELECTRIC DISTRIBUTION**	**Sub Total COMPLIANCE MANAGEMENT**				**Yes**			
O&M	ELECTRIC DISTRIBUTION	CONSTRUCTION MANAGEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
O&M	ELECTRIC DISTRIBUTION	CONSTRUCTION MANAGEMENT	Incident Involving an Employee	Mandatory Employee Health and Safety Training Program and Standardized Policies	N/A	No	N/A		
O&M	ELECTRIC DISTRIBUTION	CONSTRUCTION MANAGEMENT	Incident Involving an Employee	Personal Protective Equipment	N/A	No	N/A		
O&M	**ELECTRIC DISTRIBUTION**	**Sub Total CONSTRUCTION MANAGEMENT**				**Yes**			
O&M	ELECTRIC DISTRIBUTION	DISTRIBUTION DESIGN AND PROJECT MANAGEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
O&M	**ELECTRIC DISTRIBUTION**	**Sub Total DISTRIBUTION DESIGN AND PROJECT MANAGEMENT**				**Yes**			
O&M	ELECTRIC DISTRIBUTION	ELECTRIC ENGINEERING	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A	The Electric Distribution and Engineering group is responsible for developing and maintaining overhead and underground equipment specifications, risk analysis and mitigation, and construction standards to enable safe and reliable customer service throughout the 4kV and 12kV electric distribution system. The group also develops and maintains electric standard practices to establish uniform and safe work methods, procedures and inspection requirements and enable regulatory compliance with all governing agencies. Construction standards and standard practices are used by company and contractor construction forces throughout the SDG&E electric distribution system. This group also provides real-time support for operations and construction teams. A single work unit is not possible to identify due to multiple activities in this workpaper such as FTE allocated to developing and maintaining construction standards, performing equipment failure and risk analysis, and costs that scale with capital programs.	SDG&E-12-R-E TS-57 to TS-62 WP 1ED012.000
O&M	ELECTRIC DISTRIBUTION	ELECTRIC ENGINEERING	Asset Management	AIM (Gov, Strat, AIP)	N/A	No	N/A		
O&M	ELECTRIC DISTRIBUTION	ELECTRIC ENGINEERING	Incident Involving an Employee	Personal Protective Equipment	N/A	No	N/A	The Electric Distribution and Engineering group is responsible for developing and maintaining overhead and underground equipment specifications, risk analysis and mitigation, and construction standards to enable safe and reliable customer service throughout the 4kV and 12kV electric distribution system. The group also develops and maintains electric standard practices to establish uniform and safe work methods, procedures and inspection requirements and enable regulatory compliance with all governing agencies. Construction standards and standard practices are used by company and contractor construction forces throughout the SDG&E electric distribution system. This group also provides real-time support for operations and construction teams. A single work unit is not possible to identify due to multiple activities in this workpaper such as FTE allocated to developing and maintaining construction standards, performing equipment failure and risk analysis, and costs that scale with capital programs.	SDG&E-12-R-E TS-57 to TS-62 WP 1ED012.000
O&M	**ELECTRIC DISTRIBUTION**	**Sub Total ELECTRIC ENGINEERING**				**Yes**			
O&M	ELECTRIC DISTRIBUTION	ELECTRIC ENGINEERING (TNG)	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
O&M	**ELECTRIC DISTRIBUTION**	**Sub Total ELECTRIC ENGINEERING (TNG)**				**Yes**			
O&M	ELECTRIC DISTRIBUTION	ELECTRIC REGIONAL OPERATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A	The Electric Regional Operations organization consists of the electric distribution crews within six districts, two satellite districts and other operating centers. These crews provide coverage for all of SDG&E's electric distribution system throughout its service territory. The ERO group consists of electric linemen, apprentices, line assistants, scheduliers, office support personnel, and management supervision. Their primary job functions are to maintain reliability of the electric distribution system, construct new electric infrastructure, schedule and forecast to drive efficient work practices, restore service due to outages, and fix service problems and other customer issues. A single work unit is not possible to identify due to multiple activities in this workpaper such as facilities inspected, jobs completed, and employees' hours in safety meetings.	SDG&E-12-R-E TS-47 to TS-51 WP 1ED008.000
O&M	ELECTRIC DISTRIBUTION	ELECTRIC REGIONAL OPERATIONS	Incident Involving an Employee	Employee Accidental Behavior Program	None	No	N/A	The Electric Regional Operations organization consists of the electric distribution crews within six districts, two satellite districts and other operating centers. These crews provide coverage for all of SDG&E's electric distribution system throughout its service territory. The ERO group consists of electric linemen, apprentices, line assistants, scheduliers, office support personnel, and management supervision. Their primary job functions are to maintain reliability of the electric distribution system, construct new electric infrastructure, schedule and forecast to drive efficient work practices, restore service due to outages, and fix service problems and other customer issues. A single work unit is not possible to identify due to multiple activities in this workpaper such as facilities inspected, jobs completed, and employees' hours in safety meetings.	SDG&E-12-R-E TS-47 to TS-51 WP 1ED008.000
O&M	ELECTRIC DISTRIBUTION	ELECTRIC REGIONAL OPERATIONS	Incident Involving an Employee	Mandatory Employee Health and Safety Training Program and Standardized Policies	None	No	N/A	The Electric Regional Operations organization consists of the electric distribution crews within six districts, two satellite districts and other operating centers. These crews provide coverage for all of SDG&E's electric distribution system throughout its service territory. The ERO group consists of electric linemen, apprentices, line assistants, scheduliers, office support personnel, and management supervision. Their primary job functions are to maintain reliability of the electric distribution system, construct new electric infrastructure, schedule and forecast to drive efficient work practices, restore service due to outages, and fix service problems and other customer issues. A single work unit is not possible to identify due to multiple activities in this workpaper such as facilities inspected, jobs completed, and employees' hours in safety meetings.	SDG&E-12-R-E TS-47 to TS-51 WP 1ED008.000
O&M	ELECTRIC DISTRIBUTION	ELECTRIC REGIONAL OPERATIONS	Incident Involving an Employee	Personal Protective Equipment	None	No	N/A	The Electric Regional Operations organization consists of the electric distribution crews within six districts, two satellite districts and other operating centers. These crews provide coverage for all of SDG&E's electric distribution system throughout its service territory. The ERO group consists of electric linemen, apprentices, line assistants, scheduliers, office support personnel, and management supervision. Their primary job functions are to maintain reliability of the electric distribution system, construct new electric infrastructure, schedule and forecast to drive efficient work practices, restore service due to outages, and fix service problems and other customer issues. A single work unit is not possible to identify due to multiple activities in this workpaper such as facilities inspected, jobs completed, and employees' hours in safety meetings.	SDG&E-12-R-E TS-47 to TS-51 WP 1ED008.000
O&M	**ELECTRIC DISTRIBUTION**	**Sub Total ELECTRIC REGIONAL OPERATIONS**				**Yes**			

SDG&E ELECTRIC DISTRIBUTION O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Cluster	RAMP Mitigation Activity	RAMP Tranche	To Roll	Rate Variance Explanation	WP Activity Description	2024 GRC Testimony Location
O&M	ELECTRIC DISTRIBUTION	ELECTRIC SYSTEM OPERATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A	Electric System Operations provides oversight of all activities on the electric system and is required to ensure the safety of both the public and field workers making enhancements and repairs to the electric system. The activities involve planned and unplanned outages, along with managing emergency events related to wildfire safety and system stresses. Basing the source provides on situational awareness and workflow management technology to key stakeholders, the Mission Control Center houses several workgroups within Electric Grid Operations and Electric Distribution Operations. One of the essential workgroups for both departments are the operators who are responsible to monitor and maintain the reliability of SDG&E's service territory on a 24/7/365 basis. This workpaper also includes upward pressures that support electric operations, such as operator training, maintenance of SCADA and Advanced Distribution Management systems, Distributed Energy resource enablement and storeroom material and logistics support for construction activities. The data systems that support SDG& E's daily operational workforce are continuously advancing to sustain the integrity of the electric system that is growing through technology and new energy resources. The upsurge trend of Supervisory Control and Data Acquisition (SCADA) technology is continuing to grow in use for wildfire mitigations, visibility into the electric system, and as customer energy electrification and the use of distributed energy resources. Training on the new features of technologies and tools is also needed. These cost drivers are detailed in this workpaper. A single work unit was not possible to identify due to disparate activities in this workpaper such as switching volumes, costs that scale with capital, and costs related to managing technology.	SDG&E-1 2-R-E TS-25 to TS-30 WP 1ED003.000
O&M	**ELECTRIC DISTRIBUTION**	**Sub Total ELECTRIC SYSTEM OPERATIONS**				**Yes**			
O&M	ELECTRIC DISTRIBUTION	ELECTRIC SYSTEM OPERATIONS (TNG - GISS)	Records Management	GIS Jobs Processed	N/A	No	N/A	Enterprise GIS Services (EGISS) is the section of Electric Distribution Operations that creates and maintains all electric distribution, transmission, telecommunications, and substation data in SDG&E's enterprise GIS system. EGISS digitizes the data in a preliminary state, energizes the data in real-time, reconciles and converts design work orders into construction order as-builts, scans them to a central repository, records details in the GIS system, and identifies these assets for tax and franchise fee calculations and reports. SDG&E's enterprise GIS is a direct input of information into many operational and planning tools used by engineering and operations. Accurate and timely data stored in the GIS database is essential for the safety and reliability of electric operations throughout the Company. If the information was not captured precisely, it could impact work activities for employees and public safety. All costs for this workpaper are RAMP related. Please see RAMP sheets for appropriate work units.	SDG&E-1 2-R-E TS-32 to TS-33 WP 1ED005.001
O&M	**ELECTRIC DISTRIBUTION**	**Sub Total ELECTRIC SYSTEM OPERATIONS (TNG - GISS)**				**Yes**			
O&M	ELECTRIC DISTRIBUTION	ET&D: OPERATIONS SERVICES	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A	Electric Transmission and Distribution: Operations Services (ET&D: Operations Services) performs a variety of support functions centered around Safety and Service. The group is responsible for the maintenance, repair, fabrication, and acquisition of new tooling to support various other groups performing work on the electric distribution system. ET&D Operations Services conducts salvage work on line equipment removed from service, and also operates a high voltage test station to perform tests and confirm the condition of electric distribution equipment and tools. The group inventories, inspects, and tests rubber goods and live line tools used for worker protection by multiple other groups working on the electric distribution system. Work units for this workpaper are the number of tests, inspections, and repairs of rubber goods, tools, and equipment.	SDG&E-1 2-R-E TS-33 to TS-37 WP 1ED005.000
O&M	ELECTRIC DISTRIBUTION	ET&D: OPERATIONS SERVICES	Incident Involving an Employee	OSHA Voluntary Protection Program	N/A	No	N/A		
O&M	ELECTRIC DISTRIBUTION	ET&D: OPERATIONS SERVICES	Incident Involving an Employee	Personal Protective Equipment	None	No	N/A	Electric Transmission and Distribution: Operations Services (ET&D: Operations Services) performs a variety of support functions centered around Safety and Service. The group is responsible for the maintenance, repair, fabrication, and acquisition of new tooling to support various other groups performing work on the electric distribution system. ET&D Operations Services conducts salvage work on line equipment removed from service, and also operates a high voltage test station to perform tests and confirm the condition of electric distribution equipment and tools. The group inventories, inspects, and tests rubber goods and live line tools used for worker protection by multiple other groups working on the electric distribution system. Work units for this workpaper are the number of tests, inspections, and repairs of rubber goods, tools, and equipment.	SDG&E-1 2-R-E TS-33 to TS-37 WP 1ED005.000
O&M	**ELECTRIC DISTRIBUTION**	**Sub Total ET&D: OPERATIONS SERVICES**				**Yes**			
O&M	ELECTRIC DISTRIBUTION	ET&D: SUBSTATION C&O	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A	Electric Transmission & Distribution: Substation Construction and Operations (ET&D: Substation C&O) and associated support organizations are responsible for the installation, inspection, and maintenance of approximately 135 distribution substations on the SDG&E system. Substation equipment maintained includes approximately 298 distribution power transformers and their associated load tap changers or voltage regulators, and approximately 1550 circuit breakers including oil, air, and vacuum circuit breakers, and their associated line and bus disconnect switches. It also includes inspection and maintenance for all substation equipment including batteries, buses, support structures, capacitor banks, reactors, grounding systems, fire suppression systems, and perimeter fences and gates. The substation inspection and resulting corrective maintenance program managed by this group is established in compliance with GO 174, CAISO maintenance requirements, and SDG&E's maintenance standards. This program is critical to the safe operation and reliability of all electric distribution substation facilities. Work units for this workpaper are the number of maintenance orders.	SDG&E-1 2-R-E TS-37 to TS-41 WP 1ED006.000
O&M	ELECTRIC DISTRIBUTION	ET&D: SUBSTATION C&O	Electric Infrastructure Integrity	Substation Inspections & Repairs GO-174	Inspections & Repairs	No	N/A		
O&M	ELECTRIC DISTRIBUTION	ET&D: SUBSTATION C&O	Incident Involving an Employee	OSHA Voluntary Protection Program	N/A	No	N/A		
O&M	ELECTRIC DISTRIBUTION	ET&D: SUBSTATION C&O	Incident Involving an Employee	Personal Protective Equipment	None	No	N/A	Electric Transmission & Distribution: Substation Construction and Operations (ET&D: Substation C&O) and associated support organizations are responsible for the installation, inspection, and maintenance of approximately 135 distribution substations on the SDG&E system. Substation equipment maintained includes approximately 298 distribution power transformers and their associated load tap changers or voltage regulators, and approximately 1550 circuit breakers including oil, air, and vacuum circuit breakers, and their associated line and bus disconnect switches. It also includes inspection and maintenance for all substation equipment including batteries, buses, support structures, capacitor banks, reactors, grounding systems, fire suppression systems, and perimeter fences and gates. The substation inspection and resulting corrective maintenance program managed by this group is established in compliance with GO 174, CAISO maintenance requirements, and SDG&E's maintenance standards. This program is critical to the safe operation and reliability of all electric distribution substation facilities. Work units for this workpaper are the number of maintenance orders.	SDG&E-1 2-R-E TS-37 to TS-41 WP 1ED006.000
O&M	**ELECTRIC DISTRIBUTION**	**Sub Total ET&D: SUBSTATION C&O**				**Yes**			
O&M	ELECTRIC DISTRIBUTION	ET&D: SUBSTATION C&O (RELAY & SCADA)	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A	The Distribution System Control & Protection group, within the Substation Construction and Operations group, performs maintenance of protective relays and control systems installed in both substations and electric distribution field devices. The organization performs routine preventive maintenance at fixed time-based intervals to maintain reliable operation of protective relays and relay controls. They also perform timely corrective maintenance, which is troubleshooting and repairing systems that alarm or fail to function properly, to enable 24/7 operation of these devices. Lastly, the group downloads event s captured during system outages and system emergencies to better investigate the cause of failures. This sometimes requires around the clock staffing during major events , as well as during system emergencies, for example, unscheduled load shedding and earthquakes. As SDG&E's SCADA system has expanded, the scope and scale of maintenance and installation required has also expanded. It now includes distribution voltage regulators, capacitors, distribution reclosers, weather stations, other distribution SCADA controlled equipment and switchgear, and aircraft warning lights. Work units for this workpaper are the number of maintenance orders.	SDG&E-1 2-R-E TS-41 to TS-43 WP 1ED006.002

SDG&E ELECTRIC DISTRIBUTION O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Cluster	RAMP Mitigation Activity	RAMP Tranche	In Rosy	Status Variance Explanation	WP Activity Description	2024 GRC Testimony Location
O&M	ELECTRIC DISTRIBUTION	ET&D: SUBSTATION C&O (RELAY & SCADA)	Incident Involving an Employee	Personal Protective Equipment	None	No	N/A	The Distribution System Control & Protection group, within the Substation Construction and Operations group, performs maintenance of protective relays and control systems installed in both substations and electric distribution field devices. The organization performs routine preventive maintenance at fixed time-based intervals to maintain reliable operation of protective relays and relay controls. They also perform timely corrective maintenance, which is troubleshooting and repairing systems that alarm or fail to function properly, to enable 24/7 operation of these devices. Lastly, the group downloads events captured during system outages and system emergencies to better investigate the cause of failures. This sometimes requires around the clock staffing during major events , as well as during system emergencies, for example, unscheduled load shedding and earthquakes. As SDG&E's SCADA system has expanded, the scope and scale of maintenance and installation required has also expanded. It now includes distribution voltage regulators, capacitors, distribution reclosers, weather stations, other distribution SCADA controlled equipment and switchgear, and attend t warning lights. Work units for this workpaper are the number of maintenance orders.	SDG&E-1 2-RAE TS-41 to TS-43 WP 1ED006.002
O&M	**ELECTRIC DISTRIBUTION**	**Sub Total ET&D: SUBSTATION C&O (RELAY & SCADA)**				**Yes**			
O&M	ELECTRIC DISTRIBUTION	TROUBLESHOOTING	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
O&M	ELECTRIC DISTRIBUTION	TROUBLESHOOTING	Incident Involving an Employee	Mandatory Employee Health and Safety Training Programs and Standardized Policies	None	No	N/A	The Troubleshooting organization is responsible for ensuring safe and reliable electric service to SDG&E's customers. The group covers six districts and two satellite locations within the service territory. The six operational districts have electric troubleshooters, engineers, technical assistants, and management supervision. The troubleshooters are the primary contact with customers who are experiencing service problems, and work closely with emergency response agencies to protect the public and SDG&E employees from potentially hazardous conditions. The units that best represent troubleshooting are the number o f orders dispatched.	SDG&E-1 2-RAE TS-42 to TS-44 WP 1ED015.000
O&M	ELECTRIC DISTRIBUTION	TROUBLESHOOTING	Incident Involving an Employee	Personal Protective Equipment	None	No	N/A		
O&M	**ELECTRIC DISTRIBUTION**	**Sub Total TROUBLESHOOTING**				**Yes**			
O&M	ELECTRIC DISTRIBUTION	OFFICER	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A	This workgroup includes the costs for officers and administrative assistants in support of electric distribution. The total salaries are a direct labor charge and crosswor amounts allocated to electric transmission are excluded from this account as an indirect charge and not included in the requested expenses. Typical activities included in this account include officer activities in support of electric distribution.	SDG&E-1 2-RAE TS-70 to TS-71 WP 1ED016.000
O&M	**ELECTRIC DISTRIBUTION**	**Sub Total OFFICER**				**Yes**			
O&M	ELECTRIC DISTRIBUTION	PORTFOLIO & PROJECT MANAGEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
O&M	**ELECTRIC DISTRIBUTION**	**Sub Total PORTFOLIO & PROJECT MANAGEMENT**				**Yes**			
O&M	ELECTRIC DISTRIBUTION	REGIONAL PUBLIC AFFAIRS	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
O&M	**ELECTRIC DISTRIBUTION**	**Sub Total REGIONAL PUBLIC AFFAIRS**				**Yes**			
O&M	ELECTRIC DISTRIBUTION	RELIABILITY AND CAPACITY	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
O&M	**ELECTRIC DISTRIBUTION**	**Sub Total RELIABILITY AND CAPACITY**				**Yes**			
O&M	ELECTRIC DISTRIBUTION	SERVICE ORDER TEAM (SOT)	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A	The Service Order Team (SOT) is responsible for planning, overseeing and managing new additions and modifications to the electric and gas distribution systems, primarily related to services, acting in the capacity of the SDG&E customer representative for these projects. The O&M work associated with this team are for its employee training, support of disconnect/reconnect work associated with residential solar, support of utility upgrades related to home remodeling, construction operations for storm recovery, coordinating Communication Infrastructure Providers (CIP) 5G network attachments to utility infrastructure, and support of other replacement of non-capital electrical equipment. The unit that best describes the activities in this workpaper are service orders completed.	SDG&E-1 2-RAE TS-56 to TS-57 WP 1ED010.000
O&M	**ELECTRIC DISTRIBUTION**	**Sub Total SERVICE ORDER TEAM (SOT)**				**Yes**			
O&M	ELECTRIC DISTRIBUTION	SKILLS & COMPLIANCE TRAINING	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A	Skills Training is responsible for the development and training of the Electric Regional Operations (ERO) workforce, which consists of electric field personnel, non-electrical support personnel, and supervisory staff. The core training provided by this organization consists of the following: electric lineman development using a three-year apprenticeship program; compliance training to meet federal, state, local, safety, and environmental regulations; equipment operations and commercial driver's training; and providing training support for other business units. Within skills & compliance training, is the Electric Safety Center, which is a group designed to improve the readiness of Company field personnel through enhanced oversight of operations, focused communication, field-based training, data analysis and field safety inspections. The work unit that best describes the activities in this workpaper are FTE and number of classes.	SDG&E-1 2-RAE TS-51 to TS-56 WP 1ED009.000
O&M	ELECTRIC DISTRIBUTION	SKILLS & COMPLIANCE TRAINING	Incident Involving an Employee	Industrial Athletic Trainer	N/A	No	1.5 Industrial Athletic Trainers in 2026 actuals compared to 0.3 authorized.	Skills Training is responsible for the development and training of the Electric Regional Operations (ERO) workforce, which consists of electric field personnel, non-electrical support personnel, and supervisory staff. The core training provided by this organization consists of the following: electric lineman development using a three-year apprenticeship program; compliance training to meet federal, state, local, safety, and environmental regulations; equipment operations and commercial driver's training; and providing training support for other business units. Within skills & compliance training, is the Electric Safety Center, which is a group designed to improve the readiness of our field personnel through enhanced oversight of operations, focused communication, field-based training, data analysis and field safety inspections. The work unit that best describes the activities in this workpaper are FTE and number of classes.	SDG&E-1 2-RAE TS-51 to TS-56 WP 1ED009.000
O&M	ELECTRIC DISTRIBUTION	SKILLS & COMPLIANCE TRAINING	Incident Involving an Employee	Personal Protective Equipment	N/A	No	N/A		
O&M	**ELECTRIC DISTRIBUTION**	**Sub Total SKILLS & COMPLIANCE TRAINING**				**Yes**			
O&M	ELECTRIC DISTRIBUTION	SKILLS & COMPLIANCE TRAINING (TNG)	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A	Skills Training is responsible for the development and training of the Electric Regional Operations (ERO) workforce, which consists of electric field personnel, non-electrical support personnel, and supervisory staff. The core training provided by this organization consists of the following: electric lineman development using a three-year apprenticeship program; compliance training to meet federal, state, local, safety, and environmental regulations; equipment operations and commercial driver's training; and providing training support for other business units. Within skills & compliance training, is the Electric Safety Center, which is a group designed to improve the readiness of our field personnel through enhanced oversight of operations, focused communication, field-based training, data analysis and field safety inspections. The work unit that best describes the activities in the workpaper are FTE and number of classes.	SDG&E-1 2-RAE TS-51 to TS-56 WP 1ED009.001
O&M	ELECTRIC DISTRIBUTION	SKILLS & COMPLIANCE TRAINING (TNG)	Incident Involving an Employee	Personal Protective Equipment	None	No	N/A	Skills Training is responsible for the development and training of the Electric Regional Operations (ERO) workforce, which consists of electric field personnel, non-electrical support personnel, and supervisory staff. The core training provided by this organization consists of the following: electric lineman development using a three-year apprenticeship program; compliance training to meet federal, state, local, safety, and environmental regulations; equipment operations and commercial driver's training; and providing training support for other business units. Within skills & compliance training, is the Electric Safety Center, which is a group designed to improve the readiness of our field personnel through enhanced oversight of operations, focused communication, field-based training, data analysis and field safety inspections. The work unit that best describes the activities in this workpaper are FTE and number of classes.	SDG&E-1 2-RAE TS-51 to TS-56 WP 1ED009.001
O&M	**ELECTRIC DISTRIBUTION**	**Sub Total SKILLS & COMPLIANCE TRAINING (TNG)**				**Yes**			

SDG&E ELECTRIC GENERATION O&M

Type	Witness Area (Line of Business)	WP Activity Description (Operation, Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Project Life (Years)	Funding Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date (k)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date (k)
O&M	ELECTRIC GENERATION	ELECTRIC GENERATION				Yes			40,150	--	--	--	40,150	42,113	44,213	45,611	47,011	43,013
O&M	ELECTRIC GENERATION	GENERATION - PLANT - ADMIN	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	297	--	--	--	297	303	303	311	320	292
O&M	**ELECTRIC GENERATION**	**SubTotal GENERATION - PLANT - ADMIN**				**Yes**			**297**	--	--	--	**297**	**303**	**303**	**311**	**320**	**292**
O&M	ELECTRIC GENERATION	GENERATION DISTRIBUTED ENERGY FACILITIES	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	1,433	--	--	--	1,433	1,595	1,616	1,668	1,714	1,569
O&M	**ELECTRIC GENERATION**	**SubTotal GENERATION DISTRIBUTED ENERGY FACILITIES**				**Yes**			**1,433**	--	--	--	**1,433**	**1,569**	**1,616**	**1,668**	**1,714**	**1,569**
O&M	ELECTRIC GENERATION	GENERATION PLANT CUYAMACA PEAK	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	1,322	--	--	--	1,322	1,078	1,110	1,143	1,177	1,078
O&M	**Electric Generation**	**SubTotal GENERATION PLANT CUYAMACA PEAK**				**Yes**			**1,322**	--	--	--	**1,322**	**1,078**	**1,110**	**1,143**	**1,177**	**1,078**
O&M	ELECTRIC GENERATION	GENERATION PLANT DESERT STAR	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	15,598	--	--	--	15,598	15,983	16,459	16,953	17,462	15,983
O&M	**ELECTRIC GENERATION**	**SubTotal GENERATION PLANT DESERT STAR**				**Yes**			**15,598**	--	--	--	**15,598**	**15,980**	**16,459**	**16,953**	**17,462**	**15,980**
O&M	ELECTRIC GENERATION	GENERATION PLANT MIRAMAR	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	1,416	--	--	--	1,416	2,175	2,240	2,307	2,376	2,175
O&M	**ELECTRIC GENERATION**	**SubTotal GENERATION PLANT MIRAMAR**				**Yes**			**1,416**	--	--	--	**1,416**	**2,175**	**2,240**	**2,307**	**2,376**	**2,175**
O&M	ELECTRIC GENERATION	GENERATION PLANT PALOMAR	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	20,129	--	--	--	20,129	21,928	22,586	23,264	23,962	21,928
O&M	**ELECTRIC GENERATION**	**SubTotal GENERATION PLANT PALOMAR**				**Yes**			**20,129**	--	--	--	**20,129**	**21,928**	**22,586**	**23,264**	**23,962**	**21,928**

SDG&E ELECTRIC GENERATION O&M

Type	Witness Area (Line of Business)	WP Activity Description (Operating Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference (S)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
O&M	ELECTRIC GENERATION	ELECTRIC GENERATION				Yes	(1,018)	(44,131)	(45,645)	(47,011)	(1,018)	-3%	-100%	-100%	-100%	-3%
O&M	ELECTRIC GENERATION	GENERATION - PLANT - ADMIN	Non-RAMP	Non-RAMP	Non-RAMP	No	4	(302)	(311)	(320)	4	1%	-100%	-100%	-100%	1%
O&M	**ELECTRIC GENERATION**	**SubTotal GENERATION - PLANT - ADMIN**				**Yes**	**4**	**(302)**	**(311)**	**(320)**	**4**	**1%**	**-100%**	**-100%**	**-100%**	**1%**
O&M	ELECTRIC GENERATION	GENERATION DISTRIBUTED ENERGY FACILITIES	Non-RAMP	Non-RAMP	Non-RAMP	No	(126)	(1,616)	(1,664)	(1,718)	(126)	-9%	-100%	-100%	-100%	-9%
O&M	**ELECTRIC GENERATION**	**SubTotal GENERATION DISTRIBUTED ENERGY FACILITIES**				**Yes**	**(126)**	**(1,616)**	**(1,664)**	**(1,718)**	**(126)**	**-9%**	**-100%**	**-100%**	**-100%**	**-9%**
O&M	ELECTRIC GENERATION	GENERATION PLANT CUYAMACA PEAK	Non-RAMP	Non-RAMP	Non-RAMP	No	244	(1,110)	(1,143)	(1,177)	244	23%	-100%	-100%	-100%	23%
O&M	**Electric Generation**	**SubTotal GENERATION PLANT CUYAMACA PEAK**				**Yes**	**244**	**(1,110)**	**(1,143)**	**(1,177)**	**244**	**23%**	**-100%**	**-100%**	**-100%**	**23%**
O&M	ELECTRIC GENERATION	GENERATION PLANT DESERT STAR	Non-RAMP	Non-RAMP	Non-RAMP	No	(282)	(16,459)	(16,953)	(17,462)	(282)	-2%	-100%	-100%	-100%	-2%
O&M	**ELECTRIC GENERATION**	**SubTotal GENERATION PLANT DESERT STAR**				**Yes**	**(282)**	**(16,459)**	**(16,953)**	**(17,462)**	**(282)**	**-2%**	**-100%**	**-100%**	**-100%**	**-2%**
O&M	ELECTRIC GENERATION	GENERATION PLANT MIRAMAR	Non-RAMP	Non-RAMP	Non-RAMP	No	(759)	(2,240)	(2,307)	(2,376)	(759)	-35%	-100%	-100%	-100%	-35%
O&M	**ELECTRIC GENERATION**	**SubTotal GENERATION PLANT MIRAMAR**				**Yes**	**(759)**	**(2,240)**	**(2,307)**	**(2,376)**	**(759)**	**-35%**	**-100%**	**-100%**	**-100%**	**-35%**
O&M	ELECTRIC GENERATION	GENERATION PLANT PALOMAR	Non-RAMP	Non-RAMP	Non-RAMP	No	(1,799)	(22,586)	(23,264)	(23,962)	(1,799)	-8%	-100%	-100%	-100%	-8%
O&M	**ELECTRIC GENERATION**	**SubTotal GENERATION PLANT PALOMAR**				**Yes**	**(1,799)**	**(22,586)**	**(23,264)**	**(23,962)**	**(1,799)**	**-8%**	**-100%**	**-100%**	**-100%**	**-8%**

SDG&E ELECTRIC GENERATION O&M

Type	Witness Area (Line of Business)	WP Activity Description (Operation, Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Impacted Authorized Units 2024	Impacted Authorized Units 2025	Impacted Authorized Units 2026	Impacted Authorized Units 2027	Impacted Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
O&M	ELECTRIC GENERATION	ELECTRIC GENERATION				Yes																					
O&M	ELECTRIC GENERATION	GENERATION - PLANT - ADMIN	Non-RAMP	Non-RAMP	Non-RAMP	No	FTE	1				1	1				1	0	0	0	0	0	0 %	0 %	0 %	0 %	0 %
O&M	ELECTRIC GENERATION	SubTotal GENERATION - PLANT - ADMIN				Yes																					
O&M	ELECTRIC GENERATION	GENERATION-DISTRIBUTED ENERGY FACILITIES	Non-RAMP	Non-RAMP	Non-RAMP	No	MWh Discharge	393,696				393,696	511,000				511,000	(117,304)	(25,711)	0	0	0	(18.0)	0 %	0 %	0 %	(18.0)
O&M	ELECTRIC GENERATION	SubTotal GENERATION-DISTRIBUTED ENERGY FACILITIES				Yes																					
O&M	ELECTRIC GENERATION	GENERATION-PLANT-CUYAMACA PEAK	Non-RAMP	Non-RAMP	Non-RAMP	No	Plant Equivalent Operating Hours	3,314				3,314	11,565				11,565	(8,251)	0	0	0	0	(71.0)	0 %	0 %	0 %	(71.0)
O&M	Electric Generation	SubTotal GENERATION-PLANT-CUYAMACA PEAK				Yes																					
O&M	ELECTRIC GENERATION	GENERATION-PLANT-DESERT STAR	Non-RAMP	Non-RAMP	Non-RAMP	No	Plant Equivalent Operating Hours	16,160				16,160	17,983				17,983	177	178	0	0	0	1.1	1.1	0 %	0 %	1.1
O&M	ELECTRIC GENERATION	SubTotal GENERATION-PLANT-DESERT STAR				Yes																					
O&M	ELECTRIC GENERATION	GENERATION-PLANT-MIRAMAR	Non-RAMP	Non-RAMP	Non-RAMP	No	Plant Equivalent Operating Hours	2,636				2,636	24,863				24,863	(22,227)	0	0	0	(22,227)	(89)%	0 %	0 %	0 %	(89)%
O&M	ELECTRIC GENERATION	SubTotal GENERATION-PLANT-MIRAMAR				Yes																					
O&M	ELECTRIC GENERATION	GENERATION-PLANT-PALOMAR	Non-RAMP	Non-RAMP	Non-RAMP	No	Plant Equivalent Operating Hours	13,428				13,428	25,427				25,427	(11,999)	0	0	0	(11,999)	(47)%	0 %	0 %	0 %	(47)%
O&M	ELECTRIC GENERATION	SubTotal GENERATION-PLANT-PALOMAR				Yes																					

SDG&E ELECTRIC GENERATION O&M

Type	Witness Area (Line of Business)	WP Activity Description (Operation Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Safety, Reliability, or Maintenance #?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status	Status Variance Explanation Required?
O&M	ELECTRIC GENERATION	ELECTRIC GENERATION				Yes										
O&M	ELECTRIC GENERATION	GENERATION - PLANT - ADMIN	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	ELECTRIC GENERATION	SubTotal: GENERATION - PLANT - ADMIN				Yes	YES	NO								NO
O&M	ELECTRIC GENERATION	GENERATION-DISTRIBUTED ENERGY FACILITIES	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	ELECTRIC GENERATION	SubTotal: GENERATION-DISTRIBUTED ENERGY FACILITIES				Yes	YES	NO								NO
O&M	ELECTRIC GENERATION	GENERATION PLANT CUYAMACA PEAK	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	YES	N/A	Underrun in plant equivalent operating hours is due to Cuyamaca Plant dispatched less in 2024 causing lower number of starts and service hours.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	Electric Generation	SubTotal: GENERATION PLANT CUYAMACA PEAK				Yes	YES	NO								NO
O&M	ELECTRIC GENERATION	GENERATION-PLANT DESERT STAR	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	ELECTRIC GENERATION	SubTotal: GENERATION PLANT DESERT STAR				Yes	YES	NO								NO
O&M	ELECTRIC GENERATION	GENERATION PLANT MIRAMAR	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	YES	N/A	Underrun in plant equivalent operating hours is due to Miramar Plant dispatched less in 2024 causing lower number of starts and service hours.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	ELECTRIC GENERATION	SubTotal: GENERATION PLANT MIRAMAR				Yes	YES	NO								NO
O&M	ELECTRIC GENERATION	GENERATION PLANT PALOMAR	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	YES	N/A	Underrun in plant equivalent operating hours is primarily due to Palomar Energy Center operations being restricted by a regional gas curtailment (4/09/2024 – 6/11/2024). The curtailment caused the plant to have lower starts and service hours.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	ELECTRIC GENERATION	SubTotal: GENERATION PLANT PALOMAR				Yes	YES	NO								NO

SDG&E ELECTRIC GENERATION O&M

Type	Witness Area (Line of Business)	WP Activity Description (Operation Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Status Variance Explanation	WP Activity Description	2024 GRC Testimony Location
O&M	ELECTRIC GENERATION	ELECTRIC GENERATION				Yes			
O&M	ELECTRIC GENERATION	GENERATION - PLANT - ADMIN	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
O&M	**ELECTRIC GENERATION**	**SubTotal GENERATION - PLANT - ADMIN**				Yes			
O&M	ELECTRIC GENERATION	GENERATION DISTRIBUTED ENERGY FACILITIES	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
O&M	**ELECTRIC GENERATION**	**SubTotal GENERATION DISTRIBUTED ENERGY FACILITIES**				Yes			
O&M	ELECTRIC GENERATION	GENERATION PLANT CUYAMACA PEAK	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A	Generation Plant Cuyamaca Peak encompasses the operation and maintenance of the peaking plant at the Goyanisa Peak Energy Plant (CPEP.) The labor component includes salaries for supervision, support staff and maintenance and operations personnel. The non-labor component includes, but is not limited to, industrial gases, chemicals, water, outside services, spare parts, miscellaneous consumables and maintenance activities. Maintenance activities are performed while the plant is operating and during planned maintenance outages.	SDGAE-14-E DSB-12 WP 1EG007.000
O&M	**Electric Generation**	**SubTotal GENERATION PLANT CUYAMACA PEAK**				Yes			
O&M	ELECTRIC GENERATION	GENERATION PLANT DESERT STAR	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
O&M	**ELECTRIC GENERATION**	**SubTotal GENERATION PLANT DESERT STAR**				Yes			
O&M	ELECTRIC GENERATION	GENERATION PLANT MIRAMAR	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A	Generation Plant Miramar encompasses the operation and maintenance of 2 peaking plants at the Miramar Energy Facility (MEF). Labor costs includes salaries for supervision, support staff and maintenance and operations personnel. Non-labor costs include, but is not limited to, industrial gases, chemicals, water, outside services, spare parts, miscellaneous consumables and maintenance activities. Maintenance activities are performed while the plant is operating and during planned maintenance outages.	SDGAE-14-E DSB-11 to DSB-12 WP 1EG002.000
O&M	**ELECTRIC GENERATION**	**SubTotal GENERATION PLANT MIRAMAR**				Yes			
O&M	ELECTRIC GENERATION	GENERATION PLANT PALOMAR	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A	Generation Plant Palomar encompasses the operation and maintenance of the Combined Cycle Generating Plant at Palomar Energy Center. Labor costs include salaries for supervision, support staff and maintenance and operations personnel. Non-labor costs include, but is not limited to, industrial gases, chemicals, water, outside services, spare parts, miscellaneous consumables and maintenance activities. Maintenance activities are performed while the plant is operating and during planned maintenance outages.	SDGAE-14-E DSB-10 WP 1EG003.000
O&M	**ELECTRIC GENERATION**	**SubTotal GENERATION PLANT PALOMAR**				Yes			

SDG&E CLEAN ENERGY INNOVATIONS O&M

Type	Witness Area (Exec of Statement)	WP Activity Description (Spending Category)	RAMP/Risk Chapter	RAMP Mitigation Activity	RAMP Transfer	Rollup	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Inputted Authorized Cost 2024	Inputted Authorized Cost 2025	Inputted Authorized Cost 2026	Inputted Authorized Cost 2027	Inputted Authorized Cost to Date ($)
O&M	CLEAN ENERGY INNOVATIONS	CLEAN ENERGY INNOVATIONS				Yes			3,665	--	--	--	3,665	3,379	3,237	3,479	3,503	3,379
O&M	CLEAN ENERGY INNOVATIONS	ADVANCED CLEAN TECHNOLOGY	NonRAMP	Non-RAMP	Non-RAMP	No	Ongoing	Annual	1,017	--	--	--	1,017	1,378	1,019	1,492	1,506	1,378
O&M	**CLEAN ENERGY INNOVATIONS**	**SubTotal ADVANCED CLEAN TECHNOLOGY**				**Yes**			**1,017**	**--**	**--**	**--**	**1,017**	**1,378**	**1,019**	**1,492**	**1,506**	**1,378**
O&M	CLEAN ENERGY INNOVATIONS	DISTRIBUTED ENERGY RESOURCE ENGINEERING	NonRAMP	Non-RAMP	Non-RAMP	No	Ongoing	Annual	877	--	--	--	877	1,205	1,241	1,278	1,316	1,205
O&M	**CLEAN ENERGY INNOVATIONS**	**SubTotal DISTRIBUTED ENERGY RESOURCE ENGINEERING**				**Yes**			**877**	**--**	**--**	**--**	**877**	**1,205**	**1,241**	**1,278**	**1,316**	**1,205**
O&M	CLEAN ENERGY INNOVATIONS	HYDROGEN STRATEGY AND IMPLEMENTATION	NonRAMP	Non-RAMP	Non-RAMP	No	Ongoing	Annual	652	--	--	--	652	696	717	739	761	696
O&M	**CLEAN ENERGY INNOVATIONS**	**SubTotal HYDROGEN STRATEGY AND IMPLEMENTATION**				**Yes**			**652**	**--**	**--**	**--**	**652**	**696**	**717**	**739**	**761**	**696**
O&M	CLEAN ENERGY INNOVATIONS	SUSTAINABLE COMMUNITIES	NonRAMP	Non-RAMP	Non-RAMP	No	Ongoing	Annual	317	--	--	--	317	--	--	--	--	--
O&M	**CLEAN ENERGY INNOVATIONS**	**SubTotal SUSTAINABLE COMMUNITIES**				**Yes**			**317**	**--**	**--**	**--**	**317**	**--**	**--**	**--**	**--**	**--**

SDG&E CLEAN ENERGY INNOVATIONS O&M

Type	Witness Area (Exec of Statement)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Transfer	Rollup	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference (3)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
O&M	CLEAN ENERGY INNOVATIONS	CLEAN ENERGY INNOVATIONS				Yes	386	(3,277)	(3,479)	(3,583)	386	12%	-100%	-100%	-100%	11%
O&M	CLEAN ENERGY INNOVATIONS	ADVANCED CLEAN TECHNOLOGY	NonRAMP	Non-RAMP	Non-RAMP	No	439	(1,419)	(1,462)	(1,506)	439	33%	-100%	-100%	-100%	33%
O&M	**CLEAN ENERGY INNOVATIONS**	**SubTotal ADVANCED CLEAN TECHNOLOGY**				**Yes**	**439**	**(1,419)**	**(1,462)**	**(1,506)**	**439**	**33%**	**-100%**	**-100%**	**-100%**	**33%**
O&M	CLEAN ENERGY INNOVATIONS	DISTRIBUTED ENERGY RESOURCE ENGINEERING	NonRAMP	Non-RAMP	Non-RAMP	No	(328)	(1,241)	(1,278)	(1,316)	(328)	-27%	-100%	-100%	-100%	-27%
O&M	**CLEAN ENERGY INNOVATIONS**	**SubTotal DISTRIBUTED ENERGY RESOURCE ENGINEERING**				**Yes**	**(328)**	**(1,241)**	**(1,278)**	**(1,316)**	**(328)**	**-27%**	**-100%**	**-100%**	**-100%**	**-27%**
O&M	CLEAN ENERGY INNOVATIONS	HYDROGEN STRATEGY AND IMPLEMENTATION	NonRAMP	Non-RAMP	Non-RAMP	No	(44)	(717)	(739)	(761)	(44)	-6%	-100%	-100%	-100%	-6%
O&M	**CLEAN ENERGY INNOVATIONS**	**SubTotal HYDROGEN STRATEGY AND IMPLEMENTATION**				**Yes**	**(44)**	**(717)**	**(739)**	**(761)**	**(44)**	**-6%**	**-100%**	**-100%**	**-100%**	**-6%**
O&M	CLEAN ENERGY INNOVATIONS	SUSTAINABLE COMMUNITIES	NonRAMP	Non-RAMP	Non-RAMP	No	317	—	—	—	317	100%	—%	—%	—%	100%
O&M	**CLEAN ENERGY INNOVATIONS**	**SubTotal SUSTAINABLE COMMUNITIES**				**Yes**	**317**	**—**	**—**	**—**	**317**	**100%**	**—%**	**—%**	**—%**	**100%**

SDG&E CLEAN ENERGY INNOVATIONS O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Transfer	Rollup	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
O&M	CLEAN ENERGY INNOVATIONS	CLEAN ENERGY INNOVATIONS				Yes																					
O&M	CLEAN ENERGY INNOVATIONS	ADVANCED CLEAN TECHNOLOGY	NonRAMP	Non-RAMP	Non-RAMP	No	FTE	10				8	11				9	1	0	0	0	1	10 %	0 %	0 %	0 %	10 %
O&M	**CLEAN ENERGY INNOVATIONS**	**SubTotal ADVANCED CLEAN TECHNOLOGY**				Yes																					
O&M	CLEAN ENERGY INNOVATIONS	DISTRIBUTED ENERGY RESOURCE ENGINEERING	NonRAMP	Non-RAMP	Non-RAMP	No	This activity consists of support for the Borrego Microgrid, Control Valley Omga Highway, and all the testing equipment and forms at the Integrated Test Facility. The nonlabor supports battery inverter HVAC maintenance, parts, services, fire suppression bi-annual testing, generator source testing and fluid. The variety of work activities in this program makes it difficult to identify a single unit of measurement.																		
O&M	**CLEAN ENERGY INNOVATIONS**	**SubTotal DISTRIBUTED ENERGY RESOURCE ENGINEERING**				Yes																					
O&M	CLEAN ENERGY INNOVATIONS	HYDROGEN STRATEGY AND IMPLEMENTATION	NonRAMP	Non-RAMP	Non-RAMP	No	FTE	3				3	4				4	(1)	0	0	0	(1)	(21)%	0 %	0 %	0 %	(21)%
O&M	**CLEAN ENERGY INNOVATIONS**	**SubTotal HYDROGEN STRATEGY AND IMPLEMENTATION**				Yes																					
O&M	CLEAN ENERGY INNOVATIONS	SUSTAINABLE COMMUNITIES	NonRAMP	Non-RAMP	Non-RAMP	No	Grants	21				21	0				—	21	0	0	0	21	100 %	0 %	0 %	0 %	100 %
O&M	**CLEAN ENERGY INNOVATIONS**	**SubTotal SUSTAINABLE COMMUNITIES**				Yes																					

SDG&E CLEAN ENERGY INNOVATIONS O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP/Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Safety, Reliability, or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status	Status Variance Explanation Required?
O&M	CLEAN ENERGY INNOVATIONS	CLEAN ENERGY INNOVATIONS				Yes										
O&M	CLEAN ENERGY INNOVATIONS	ADVANCED CLEAN TECHNOLOGY	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**CLEAN ENERGY INNOVATIONS**	**SubTotal ADVANCED CLEAN TECHNOLOGY**				**Yes**	**YES**	**NO**								**NO**
O&M	CLEAN ENERGY INNOVATIONS	DISTRIBUTED ENERGY RESOURCE ENGINEERING	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**CLEAN ENERGY INNOVATIONS**	**SubTotal DISTRIBUTED ENERGY RESOURCE ENGINEERING**				**Yes**	**YES**	**NO**								**NO**
O&M	CLEAN ENERGY INNOVATIONS	HYDROGEN STRATEGY AND IMPLEMENTATION	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	YES	N/A	In 2024, the Hydrogen Strategy & Implementation Department had lower than forecasted staffing levels due to an employee retiring.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**CLEAN ENERGY INNOVATIONS**	**SubTotal HYDROGEN STRATEGY AND IMPLEMENTATION**				**Yes**	**YES**	**NO**								**NO**
O&M	CLEAN ENERGY INNOVATIONS	SUSTAINABLE COMMUNITIES	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	YES	N/A	Lease payments are from lease obligations that were entered into prior to the GRC. No lease extensions have been signed.	Over (O)	Over (O)	Over (O)	Other	NO
O&M	**CLEAN ENERGY INNOVATIONS**	**SubTotal SUSTAINABLE COMMUNITIES**				**Yes**	**YES**	**NO**								**NO**

SDG&E CLEAN ENERGY INNOVATIONS O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Status Variance Explanation	WP Activity Description	2024 GRC Testimony Insertion
O&M	CLEAN ENERGY INNOVATIONS	CLEAN ENERGY INNOVATIONS				Yes			
O&M	CLEAN ENERGY INNOVATIONS	ADVANCED CLEAN TECHNOLOGY	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
O&M	**CLEAN ENERGY INNOVATIONS**	**SubTotal: ADVANCED CLEAN TECHNOLOGY**				**Yes**			
O&M	CLEAN ENERGY INNOVATIONS	DISTRIBUTED ENERGY RESOURCE ENGINEERING	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
O&M	**CLEAN ENERGY INNOVATIONS**	**SubTotal: DISTRIBUTED ENERGY RESOURCE ENGINEERING**				**Yes**			
O&M	CLEAN ENERGY INNOVATIONS	HYDROGEN STRATEGY AND IMPLEMENTATION	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A	The Hydrogen Strategy and Implementation department is responsible for understanding, developing, incorporating, and leading clean hydrogen projects into the company's electric, gas, and internal operations as part of SDG&E's sustainability strategy and supporting customer adoption of hydrogen technologies. As this is a newly created department, additional staff are required to support the state's goals of decarbonization and utilizing hydrogen technologies as one of the many solutions. Request for non-labor funding to support additional modeling and surveys performed to improve knowledge base on various aspects of hydrogen technologies and adoption.	SDG&E-15-R-E FY-5 to FY-8 WP 1DD001
O&M	**CLEAN ENERGY INNOVATIONS**	**SubTotal: HYDROGEN STRATEGY AND IMPLEMENTATION**				**Yes**			
O&M	CLEAN ENERGY INNOVATIONS	SUSTAINABLE COMMUNITIES	Non-RAMP	Non-RAMP	Non-RAMP	No	Lease payments and service maintenance agreements are from obligations that were entered into prior to this GRC. No lease extensions have been signed.	The Sustainable Community Program (SCP) has been open since 2004 as authorized by D.04-12-015. While the programmeow is closed to enrollment, lease payments and operations and maintenance expenses associated with maintaining the assets are required as part of SDG&E's obligations under the existing lease agreements with the community members.	SDG&E-15-R-E FY-1 to FY-15 WP 1DD004
O&M	**CLEAN ENERGY INNOVATIONS**	**SubTotal: SUSTAINABLE COMMUNITIES**				**Yes**			

SDG&E CLEAN TRANSPORTATION O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date ($)
O&M	CLEAN TRANSPORTATION	CLEAN TRANSPORTATION				Yes			4,272	—	—	—	4,272	4,912	5,070	5,223	5,379	4,912
O&M	CLEAN TRANSPORTATION	CLEAN TRANSPORTATION - NSS	Non-RAMP	Non-RAMP	Non-RAMP	No	Ongoing	Annual	4,272	—	—	—	4,272	4,912	5,070	5,223	5,379	4,912
O&M	**CLEAN TRANSPORTATION**	**SubTotal CLEAN TRANSPORTATION - NSS**				Yes			**4,272**	—	—	—	**4,272**	**4,912**	**5,070**	**5,223**	**5,379**	**4,912**

SDG&E CLEAN TRANSPORTATION O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference ($)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
O&M	CLEAN TRANSPORTATION	CLEAN TRANSPORTATION				Yes	(650)	(5,407)	(5,222)	(5,379)	(650)	-1.3%	-100.0%	-100.0%	-100.0%	-1.3%
O&M	CLEAN TRANSPORTATION	CLEAN TRANSPORTATION - NSS	Non-RAMP	Non-RAMP	Non-RAMP	No	(650)	(5,407)	(5,222)	(5,379)	(650)	-1.3%	-100.0%	-100.0%	-100.0%	-1.3%
O&M	**CLEAN TRANSPORTATION**	**Subtotal CLEAN TRANSPORTATION - NSS**				Yes	**(650)**	**(5,407)**	**(5,222)**	**(5,379)**	**(650)**	**-1.3%**	**-100.0%**	**-100.0%**	**-100.0%**	**-1.3%**

SDG&E CLEAN TRANSPORTATION O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
O&M	CLEAN TRANSPORTATION	CLEAN TRANSPORTATION				Yes																					
O&M	CLEAN TRANSPORTATION	CLEAN TRANSPORTATION - NSS	Non-RAMP	Non-RAMP	Non-RAMP	No	FTE	14				14	15				15	(1)	0	0	0	(1)	(6.7%)	0 %|	0 %|	0 %|	(6.7%)
O&M	**CLEAN TRANSPORTATION**	**SubTotal CLEAN TRANSPORTATION - NSS**				**Yes**																					

SDG&E CLEAN TRANSPORTATION O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Safety, Reliability, or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status	Status Variance Explanation Required ?
O&M	CLEAN TRANSPORTATION	CLEAN TRANSPORTATION				Yes										
O&M	CLEAN TRANSPORTATION	CLEAN TRANSPORTATION - NSS	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**CLEAN TRANSPORTATION**	**Subtotal CLEAN TRANSPORTATION - NSS**				**Yes**	**YES**	**NO**								**NO**

SDG&E CLEAN TRANSPORTATION O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Status Variance Explanation	WP Activity Description	2024 GRC Testimony Location
O&M	CLEAN TRANSPORTATION	CLEAN TRANSPORTATION				Yes			
O&M	CLEAN TRANSPORTATION	CLEAN TRANSPORTATION - NSS	Non-RAMP	Non-RAMP	Non-RAMP	No	NSA		
O&M	**CLEAN TRANSPORTATION**	**Subtotal CLEAN TRANSPORTATION - NSS**				**Yes**			

SDG&E ENERGY PROCUREMENT O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date ($)
O&M	ENERGY PROCUREMENT	ENERGY PROCUREMENT				Yes			0.00	—	—	—	0.00	0.00	0.00	0.00	0.00	0.00
O&M	SDG&E ENERGY PROCUREMENT	BACK OFFICE	Non-RAMP	Non-RAMP	Non-RAMP	No	Ongoing	Annual	4.606	—	—	—	4.606	4.009	4.129	4.253	4.381	4.009
O&M	**SDG&E ENERGY PROCUREMENT**	**SubTotal BACK OFFICE**				**Yes**			**4.606**	**—**	**—**	**—**	**4.606**	**4.009**	**4.129**	**4.253**	**4.381**	**4.009**
O&M	SDG&E ENERGY PROCUREMENT	ENERGY SUPPLY & DISPATCH	Non-RAMP	Non-RAMP	Non-RAMP	No	Ongoing	Annual	2.205	—	—	—	2.205	2.435	2.508	2.583	2.660	2.435
O&M	**SDG&E ENERGY PROCUREMENT**	**SubTotal ENERGY SUPPLY & DISPATCH**				**Yes**			**2.205**	**—**	**—**	**—**	**2.205**	**2.435**	**2.508**	**2.583**	**2.660**	**2.435**
O&M	SDG&E ENERGY PROCUREMENT	ORIGINATION & PORTFOLIO DESIGN	Non-RAMP	Non-RAMP	Non-RAMP	No	Ongoing	Annual	1.756	—	—	—	1.756	2.799	2.883	2.969	3.058	2.799
O&M	**SDG&E ENERGY PROCUREMENT**	**SubTotal ORIGINATION & PORTFOLIO DESIGN**				**Yes**			**1.756**	**—**	**—**	**—**	**1.756**	**2.799**	**2.883**	**2.969**	**3.058**	**2.799**
O&M	SDG&E ENERGY PROCUREMENT	RESOURCE PLANNING	Non-RAMP	Non-RAMP	Non-RAMP	No	Ongoing	Annual	700	—	—	—	700	1.359	1.400	1.442	1.485	1.359
O&M	**SDG&E ENERGY PROCUREMENT**	**SubTotal RESOURCE PLANNING**				**Yes**			**700**	**—**	**—**	**—**	**700**	**1.359**	**1.400**	**1.442**	**1.485**	**1.359**

SDG&E ENERGY PROCUREMENT O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Differences ($)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
TOTAL	ENERGY PROCUREMENT	ENERGY PROCUREMENT				Yes/No	(12.84)	(10.54)	(12.87)	(11.65)	(12.84)	12%	100%	100%	100%	12%
O&M	SDG&E ENERGY PROCUREMENT	BACK OFFICE	Non-RAMP	Non-RAMP	Non-RAMP	No	597	(4.129)	(4.253)	(4.381)	597	15%	-100%	-100%	-100%	15%
O&M	**SDG&E ENERGY PROCUREMENT**	**SubTotal BACK OFFICE**				**Yes**	**597**	**(4.129)**	**(4.253)**	**(4.381)**	**597**	**15%**	**-100%**	**-100%**	**-100%**	**15%**
O&M	SDG&E ENERGY PROCUREMENT	ENERGY SUPPLY & DISPATCH	Non-RAMP	Non-RAMP	Non-RAMP	No	(2.30)	(2.508)	(2.583)	(2.660)	(2.30)	-9%	-100%	-100%	-100%	-9%
O&M	**SDG&E ENERGY PROCUREMENT**	**SubTotal ENERGY SUPPLY & DISPATCH**				**Yes**	**(2.30)**	**(2.508)**	**(2.583)**	**(2.660)**	**(2.30)**	**-9%**	**-100%**	**-100%**	**-100%**	**-9%**
O&M	SDG&E ENERGY PROCUREMENT	ORIGINATION & PORTFOLIO DESIGN	Non-RAMP	Non-RAMP	Non-RAMP	No	(1.043)	(2.883)	(2.969)	(3.058)	(1.043)	-37%	-100%	-100%	-100%	-37%
O&M	**SDG&E ENERGY PROCUREMENT**	**SubTotal ORIGINATION & PORTFOLIO DESIGN**				**Yes**	**(1.043)**	**(2.883)**	**(2.969)**	**(3.058)**	**(1.043)**	**-37%**	**-100%**	**-100%**	**-100%**	**-37%**
O&M	SDG&E ENERGY PROCUREMENT	RESOURCE PLANNING	Non-RAMP	Non-RAMP	Non-RAMP	No	(579)	(1.400)	(1.442)	(1.485)	(579)	-43%	-100%	-100%	-100%	-43%
O&M	**SDG&E ENERGY PROCUREMENT**	**SubTotal RESOURCE PLANNING**				**Yes**	**(579)**	**(1.400)**	**(1.442)**	**(1.485)**	**(579)**	**-43%**	**-100%**	**-100%**	**-100%**	**-43%**

SDG&E ENERGY PROCUREMENT O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
O&M	ENERGY PROCUREMENT	ENERGY PROCUREMENT				Yes																					
O&M	SDG&E ENERGY PROCUREMENT	BACK OFFICE	Non-RAMP	Non-RAMP	Non-RAMP	No	FTE	18				18	17				17	1	0	0	0	1	8 %	0 %	0 %	0 %	8 %
O&M	**SDG&E ENERGY PROCUREMENT**	**SubTotal BACK OFFICE**				Yes																					
O&M	SDG&E ENERGY PROCUREMENT	ENERGY SUPPLY & DISPATCH	Non-RAMP	Non-RAMP	Non-RAMP	No	FTE	15				15	16				16	(1)	0	0	0	(1)	(6)%	0 %	0 %	0 %	(6)%
O&M	**SDG&E ENERGY PROCUREMENT**	**SubTotal ENERGY SUPPLY & DISPATCH**				Yes																					
O&M	SDG&E ENERGY PROCUREMENT	ORIGINATION & PORTFOLIO DESIGN	Non-RAMP	Non-RAMP	Non-RAMP	No	FTE	9				9	15				15	(7)	0	0	0	(7)	(42)%	0 %	0 %	0 %	(42)%
O&M	**SDG&E ENERGY PROCUREMENT**	**SubTotal ORIGINATION & PORTFOLIO DESIGN**				Yes																					
O&M	SDG&E ENERGY PROCUREMENT	RESOURCE PLANNING	Non-RAMP	Non-RAMP	Non-RAMP	No	FTE	6				6	7				7	(1)	0	0	0	(1)	(14)%	0 %	0 %	0 %	(14)%
O&M	**SDG&E ENERGY PROCUREMENT**	**SubTotal RESOURCE PLANNING**				Yes																					

SDG&E ENERGY PROCUREMENT O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Safety, Reliability, or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status	Status Variance Explanation Required?
O&M	ENERGY PROCUREMENT	ENERGY PROCUREMENT				Check										
O&M	SDG&E ENERGY PROCUREMENT	BACK OFFICE	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**SDG&E ENERGY PROCUREMENT**	**SubTotal BACK OFFICE**				**Yes**	**YES**	**NO**								**NO**
O&M	SDG&E ENERGY PROCUREMENT	ENERGY SUPPLY & DISPATCH	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**SDG&E ENERGY PROCUREMENT**	**SubTotal ENERGY SUPPLY & DISPATCH**				**Yes**	**YES**	**NO**								**NO**
O&M	SDG&E ENERGY PROCUREMENT	ORIGINATION & PORTFOLIO DESIGN	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	YES	N/A	The variance in FTEs is primarily driven by lower than forecasted staffing levels due to employee attrition and workforce turnover within Origination and Portfolio Design. This includes the impact to forgo anticipated changes involving the Origination and Portfolio Design and Resource Planning groups.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**SDG&E ENERGY PROCUREMENT**	**SubTotal ORIGINATION & PORTFOLIO DESIGN**				**Yes**	**YES**	**NO**								**NO**
O&M	SDG&E ENERGY PROCUREMENT	RESOURCE PLANNING	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**SDG&E ENERGY PROCUREMENT**	**SubTotal RESOURCE PLANNING**				**Yes**	**YES**	**NO**								**NO**

SDG&E ENERGY PROCUREMENT O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Status Variance Explanation	WP Activity Description	2024 GRC Testimony Location
O&M	ENERGY PROCUREMENT	ENERGY PROCUREMENT				Yes			
O&M	SDG&E ENERGY PROCUREMENT	BACK OFFICE	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
O&M	**SDG&E ENERGY PROCUREMENT**	**SubTotal BACK OFFICE**				**Yes**			
O&M	SDG&E ENERGY PROCUREMENT	ENERGY SUPPLY & DISPATCH	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
O&M	**SDG&E ENERGY PROCUREMENT**	**SubTotal ENERGY SUPPLY & DISPATCH**				**Yes**			
O&M	SDG&E ENERGY PROCUREMENT	ORIGINATION & PORTFOLIO DESIGN	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A	Origination & Portfolio Design (O&PD) functions include the Vice President of Energy Procurement and Sustainability, and the O&PD department. The Vice President is responsible for providing strategic direction consistent with and complementary to SDG&E's wider mission, developing policies to strengthen and enhance energy supply functions and performance, and ensuring that all energy procurement is conducted consistent with internal requirements, Commission rules and decisions, and CAISO tariffs. Competitive solicitations are conducted by issuing a Request for Offers (RFO) to potential counterparties, developing a valuation model and methodology, evaluating bids submitted, and selecting the most cost-effective resources to meet the RFO objectives. Following the solicitation activities, O&PD then negotiates with independent suppliers who have winning bidders to execute final contracts. Bid evaluation, bid selection, and contract negotiation practices and principles for RFOs are similar to those for bilateral negotiations. Once contracts have been executed, O&PD is also responsible for preparing, and filing and litigating the application or advice letter requesting CPUC approval of the contract(s). Market & Policy group is responsible for policy and implementation issues including CAISO interface, policy and strategic decisions regarding CAISO market policy and initiatives and various CPUC initiatives. The group works with policy experts to develop and execute long-term strategic plans, monitors changes to CPUC regulations and requirements governing least-cost dispatch of SDG&E's generation portfolio and manages CPUC related issues and decision for input Energy Supply & Dispatch and in that capacity work with Regulatory on development of policy and filings in the various CPUC proceedings.	SDG&E-10 CAS-6 to CAS-14 WP 1EP001.000
O&M	**SDG&E ENERGY PROCUREMENT**	**SubTotal ORIGINATION & PORTFOLIO DESIGN**				**Yes**			
O&M	SDG&E ENERGY PROCUREMENT	RESOURCE PLANNING	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
O&M	**SDG&E ENERGY PROCUREMENT**	**SubTotal RESOURCE PLANNING**				**Yes**			

SDG&E GAS DISTRIBUTION O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	RoLlup	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date ($)
O&M	**GAS DISTRIBUTION**	**GAS DISTRIBUTION**				**Yes**			**43,709**	**—**	**—**	**—**	**43,709**	**37,087**	**38,117**	**39,260**	**40,437**	**37,087**
O&M	GAS DISTRIBUTION	ASSET MANAGEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	460	—	—	—	460	693	713	734	756	693
O&M	GAS DISTRIBUTION	ASSET MANAGEMENT	Asset Management	AIM (Gov, Strat, AIP)	N/A	No	On-going	Annual	—	—	—	—	—	124	128	132	136	124
O&M	GAS DISTRIBUTION	ASSET MANAGEMENT	Records Management	Gas Geographic Information System	N/A	No	On-going	Annual	687	—	—	—	687	731	753	776	799	731
O&M	**GAS DISTRIBUTION**	**SubTotal ASSET MANAGEMENT**				**Yes**			**1,147**	**—**	**—**	**—**	**1,147**	**1,548**	**1,594**	**1,642**	**1,691**	**1,548**
O&M	GAS DISTRIBUTION	CATHODIC PROTECTION	Incident Related to the Medium Pressure System (Excluding Dig-in)	Cathodic Protection - O&M	HP Supply Line	No	On-going	Annual	393	—	—	—	393	112	115	118	122	112
O&M	GAS DISTRIBUTION	CATHODIC PROTECTION	Incident Related to the Medium Pressure System (Excluding Dig-in)	Cathodic Protection - O&M	MP Main Steel	No	On-going	Annual	1,914	—	—	—	1,914	1,955	2,014	2,075	2,137	1,955
O&M	**GAS DISTRIBUTION**	**SubTotal CATHODIC PROTECTION**				**Yes**			**2,308**	**—**	**—**	**—**	**2,308**	**2,067**	**2,129**	**2,193**	**2,259**	**2,067**
O&M	GAS DISTRIBUTION	ELECTRIC SUPPORT	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	756	—	—	—	756	560	577	594	612	560
O&M	**GAS DISTRIBUTION**	**SubTotal ELECTRIC SUPPORT**				**Yes**			**756**	**—**	**—**	**—**	**756**	**560**	**577**	**594**	**612**	**560**
O&M	GAS DISTRIBUTION	LEAK SURVEY	Incident Related to the Medium Pressure System (Excluding Dig-in)	Pipeline Monitoring (Leak Mitigation, Bridge & Span, Unstable Earth, and Pipeline Patrol	HP Transmission	No	On-going	Annual	56	—	—	—	56	27	28	29	30	27
O&M	GAS DISTRIBUTION	LEAK SURVEY	Incident Related to the Medium Pressure System (Excluding Dig-in)	Pipeline Monitoring (Leak Mitigation, Bridge & Span, Unstable Earth, and Pipeline Patrol	MP Overall	No	On-going	Annual	2,701	—	—	—	2,701	2,304	2,373	2,444	2,517	2,304
O&M	**GAS DISTRIBUTION**	**SubTotal LEAK SURVEY**				**Yes**			**2,757**	**—**	**—**	**—**	**2,757**	**2,331**	**2,401**	**2,473**	**2,547**	**2,331**
O&M	GAS DISTRIBUTION	MAIN MAINTENANCE	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	2,165	—	—	—	2,165	2,978	3,067	3,159	3,254	2,978
O&M	GAS DISTRIBUTION	MAIN MAINTENANCE	Incident Related to the Medium Pressure System (Excluding Dig-in)	Gas Distribution Emergency Department - Main Portion	MP Main Steel & Plastic	No	On-going	Annual	1,300	—	—	—	1,300	1,297	1,336	1,376	1,417	1,297
O&M	GAS DISTRIBUTION	MAIN MAINTENANCE	Incident Related to the Medium Pressure System (Excluding Dig-in)	Leak Repair - Main Portion	MP Main Plastic	No	On-going	Annual	480	—	—	—	480	370	381	392	404	370
O&M	GAS DISTRIBUTION	MAIN MAINTENANCE	Incident Related to the Medium Pressure System (Excluding Dig-in)	Leak Repair - Main Portion	MP Main Steel	No	On-going	Annual	720	—	—	—	720	638	657	677	697	638
O&M	**GAS DISTRIBUTION**	**SubTotal MAIN MAINTENANCE**				**Yes**			**4,664**	**—**	**—**	**—**	**4,664**	**5,283**	**5,441**	**5,604**	**5,772**	**5,283**

SDG&E GAS DISTRIBUTION O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date ($)
O&M	GAS DISTRIBUTION	MEASUREMENT & REGULATION	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	1,570	—	—	—	1,570	773	796	820	845	773
O&M	GAS DISTRIBUTION	MEASUREMENT & REGULATION	Incident Related to the Medium Pressure System (Excluding Dig-in)	Control Center Modernization - Incremental add of personnel	N/A	No	On-going	Annual	—	—	—	—	—	540	556	573	590	540
O&M	GAS DISTRIBUTION	MEASUREMENT & REGULATION	Incident Related to the Medium Pressure System (Excluding Dig-in)	Regulator Station, Valve, and Large Meter Set Inspection	HP Supply Line	No	On-going	Annual	130	—	—	—	130	90	93	96	99	90
O&M	GAS DISTRIBUTION	MEASUREMENT & REGULATION	Incident Related to the Medium Pressure System (Excluding Dig-in)	Regulator Station, Valve, and Large Meter Set Inspection	MP Overall	No	On-going	Annual	4,599	—	—	—	4,599	4,399	4,531	4,666	4,806	4,399
O&M	**GAS DISTRIBUTION**	**SubTotal MEASUREMENT & REGULATION**				**Yes**			**6,299**	**—**	**—**	**—**	**6,299**	**5,802**	**5,976**	**6,155**	**6,340**	**5,802**
O&M	GAS DISTRIBUTION	OPERATIONS MANAGEMENT, SUPERVISION & TRAINING	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	6,011	—	—	—	6,011	7,237	7,455	7,679	7,908	7,237
O&M	GAS DISTRIBUTION	OPERATIONS MANAGEMENT, SUPERVISION & TRAINING	Excavation Damage (Dig-In) on the Gas System	L&M Training Groupings	MP	No	On-going	Annual	300	—	—	—	300	841	866	892	919	841
O&M	GAS DISTRIBUTION	OPERATIONS MANAGEMENT, SUPERVISION & TRAINING	Incident Related to the Medium Pressure System (Excluding Dig-in)	Human Factors Mitigation - QA/QC Program	N/A	No	On-going	Annual	294	—	—	—	294	338	348	358	369	338

SDG&E GAS DISTRIBUTION O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date ($)
O&M	GAS DISTRIBUTION	OPERATIONS MANAGEMENT, SUPERVISION & TRAINING	Incident Related to the Medium Pressure System (Excluding Dig-in)	Human Factors Mitigations - Ops Qual Training	N/A	No	On-going	Annual	1,940	—	—	—	1,940	1,872	1,928	1,986	2,046	1,872
O&M	**GAS DISTRIBUTION**	**SubTotal OPERATIONS MANAGEMENT, SUPERVISION & TRAINING**				**Yes**			**8,545**	**—**	**—**	**—**	**8,545**	**10,288**	**10,597**	**10,915**	**11,242**	**10,288**
O&M	GAS DISTRIBUTION	OTHER SERVICES	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	208	—	—	—	208	—	—	—	—	—
O&M	**GAS DISTRIBUTION**	**SubTotal OTHER SERVICES**				**Yes**			**208**	**—**	**—**	**—**	**208**	**—**	**—**	**—**	**—**	**—**

SDG&E GAS DISTRIBUTION O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date ($)
O&M	GAS DISTRIBUTION	SERVICE MAINTENANCE	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	2,118	—	—	—	2,118	866	892	919	947	866
O&M	GAS DISTRIBUTION	SERVICE MAINTENANCE	Incident Related to the Medium Pressure System (Excluding Dig-in)	Gas Distribution Emergency Department - Service Portion	MP Service Steel & Plastic	No	On-going	Annual	1,167	—	—	—	1,167	777	800	824	849	777
O&M	GAS DISTRIBUTION	SERVICE MAINTENANCE	Incident Related to the Medium Pressure System (Excluding Dig-in)	Leak Repair - Service Portion	MP Service Plastic	No	On-going	Annual	683	—	—	—	683	588	606	624	643	588
O&M	GAS DISTRIBUTION	SERVICE MAINTENANCE	Incident Related to the Medium Pressure System (Excluding Dig-in)	Leak Repair - Service Portion	MP Service Steel	No	On-going	Annual	1,024	—	—	—	1,024	892	919	947	974	892
O&M	**GAS DISTRIBUTION**	**SubTotal SERVICE MAINTENANCE**				**Yes**			**4,992**	**—**	**—**	**—**	**4,992**	**3,123**	**3,217**	**3,314**	**3,413**	**3,123**
O&M	GAS DISTRIBUTION	TOOLS	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	1,663	—	—	—	1,663	1,391	1,433	1,476	1,520	1,391
O&M	GAS DISTRIBUTION	TOOLS	Incident Involving an Employee	Personal Protective Equipment	N/A	No	On-going	Annual	358	—	—	—	358	500	515	530	546	500
O&M	**GAS DISTRIBUTION**	**SubTotal TOOLS**				**Yes**			**2,020**	**—**	**—**	**—**	**2,020**	**1,891**	**1,948**	**2,006**	**2,066**	**1,891**
O&M	GAS DISTRIBUTION	R-LOCATE & MARK	Excavation Damage (Dig-In) on the Gas System	Locate & Mark Activities (HP)	HP	No	On-going	Annual	501	—	—	—	501	109	112	115	118	109
O&M	GAS DISTRIBUTION	R-LOCATE & MARK	Excavation Damage (Dig-In) on the Gas System	Locate & Mark Activities (MP)	MP	No	On-going	Annual	9,218	—	—	—	9,218	3,845	3,960	4,079	4,202	3,845
O&M	GAS DISTRIBUTION	R-LOCATE & MARK	Excavation Damage (Dig-In) on the Gas System	Locate & Mark Quality Assurance	MP	No	On-going	Annual	294	—	—	—	294	160	165	170	175	160
O&M	**GAS DISTRIBUTION**	**SubTotal R-LOCATE & MARK**				**Yes**			**10,013**	**—**	**—**	**—**	**10,013**	**4,114**	**4,237**	**4,364**	**4,495**	**4,114**

SDG&E GAS DISTRIBUTION O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	RoUsup	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference ($)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
O&M	**GAS DISTRIBUTION**	**GAS DISTRIBUTION**				**Yes**	**6,702**	**(38,117)**	**(39,260)**	**(40,437)**	**6,702**	**18%**	**-100%**	**-100%**	**-100%**	**18%**
O&M	GAS DISTRIBUTION	ASSET MANAGEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	(233)	(713)	(734)	(756)	(233)	-34%	-100%	-100%	-100%	-34%
O&M	GAS DISTRIBUTION	ASSET MANAGEMENT	Asset Management	AIM (Gov, Strat, AIP)	N/A	No	(124)	(128)	(132)	(136)	(124)	-100%	-100%	-100%	-100%	-100%
O&M	GAS DISTRIBUTION	ASSET MANAGEMENT	Records Management	Gas Geographic Information System	N/A	No	(44)	(753)	(776)	(799)	(44)	-6%	-100%	-100%	-100%	-6%
O&M	**GAS DISTRIBUTION**	**SubTotal ASSET MANAGEMENT**				**Yes**	**(401)**	**(1,594)**	**(1,642)**	**(1,691)**	**(401)**	**-26%**	**-100%**	**-100%**	**-100%**	**-26%**
O&M	GAS DISTRIBUTION	CATHODIC PROTECTION	Incident Related to the Medium Pressure System (Excluding Dig-in)	Cathodic Protection - O&M	HP Supply Line	No	281	(115)	(118)	(122)	281	251%	-100%	-100%	-100%	251%
O&M	GAS DISTRIBUTION	CATHODIC PROTECTION	Incident Related to the Medium Pressure System (Excluding Dig-in)	Cathodic Protection - O&M	MP Main Steel	No	(41)	(2,014)	(2,075)	(2,137)	(41)	-2%	-100%	-100%	-100%	-2%
O&M	**GAS DISTRIBUTION**	**SubTotal CATHODIC PROTECTION**				**Yes**	**241**	**(2,129)**	**(2,193)**	**(2,259)**	**241**	**12%**	**-100%**	**-100%**	**-100%**	**12%**
O&M	GAS DISTRIBUTION	ELECTRIC SUPPORT	Non-RAMP	Non-RAMP	Non-RAMP	No	196	(577)	(594)	(612)	196	35%	-100%	-100%	-100%	35%
O&M	**GAS DISTRIBUTION**	**SubTotal ELECTRIC SUPPORT**				**Yes**	**196**	**(577)**	**(594)**	**(612)**	**196**	**35%**	**-100%**	**-100%**	**-100%**	**35%**
O&M	GAS DISTRIBUTION	LEAK SURVEY	Incident Related to the Medium Pressure System (Excluding Dig-in)	Pipeline Monitoring (Leak Mitigation, Bridge & Span, Unstable Earth, and Pipeline Patrol	HP Transmission	No	29	(28)	(29)	(30)	29	108%	-100%	-100%	-100%	108%
O&M	GAS DISTRIBUTION	LEAK SURVEY	Incident Related to the Medium Pressure System (Excluding Dig-in)	Pipeline Monitoring (Leak Mitigation, Bridge & Span, Unstable Earth, and Pipeline Patrol	MP Overall	No	397	(2,373)	(2,444)	(2,517)	397	17%	-100%	-100%	-100%	17%
O&M	**GAS DISTRIBUTION**	**SubTotal LEAK SURVEY**				**Yes**	**426**	**(2,401)**	**(2,473)**	**(2,547)**	**426**	**18%**	**-100%**	**-100%**	**-100%**	**18%**
O&M	GAS DISTRIBUTION	MAIN MAINTENANCE	Non-RAMP	Non-RAMP	Non-RAMP	No	(813)	(3,067)	(3,159)	(3,254)	(813)	-27%	-100%	-100%	-100%	-27%
O&M	GAS DISTRIBUTION	MAIN MAINTENANCE	Incident Related to the Medium Pressure System (Excluding Dig-in)	Gas Distribution Emergency Department - Main Portion	MP Main Steel & Plastic	No	3	(1,336)	(1,376)	(1,417)	3	0%	-100%	-100%	-100%	0%
O&M	GAS DISTRIBUTION	MAIN MAINTENANCE	Incident Related to the Medium Pressure System (Excluding Dig-in)	Leak Repair - Main Portion	MP Main Plastic	No	110	(381)	(392)	(404)	110	30%	-100%	-100%	-100%	30%
O&M	GAS DISTRIBUTION	MAIN MAINTENANCE	Incident Related to the Medium Pressure System (Excluding Dig-in)	Leak Repair - Main Portion	MP Main Steel	No	82	(657)	(677)	(697)	82	13%	-100%	-100%	-100%	13%
O&M	**GAS DISTRIBUTION**	**SubTotal MAIN MAINTENANCE**				**Yes**	**(619)**	**(5,441)**	**(5,604)**	**(5,772)**	**(619)**	**-12%**	**-100%**	**-100%**	**-100%**	**-12%**

SDG&E GAS DISTRIBUTION O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference ($)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
O&M	GAS DISTRIBUTION	MEASUREMENT & REGULATION	Non-RAMP	Non-RAMP	Non-RAMP	No	797	(796)	(820)	(845)	797	103%	-100%	-100%	-100%	103%
O&M	GAS DISTRIBUTION	MEASUREMENT & REGULATION	Incident Related to the Medium Pressure System (Excluding Dig-in)	Control Center Modernization - Incremental add of personnel	N/A	No	(540)	(556)	(573)	(590)	(540)	-100%	-100%	-100%	-100%	-100%
O&M	GAS DISTRIBUTION	MEASUREMENT & REGULATION	Incident Related to the Medium Pressure System (Excluding Dig-in)	Regulator Station, Valve, and Large Meter Set Inspection	HP Supply Line	No	40	(93)	(96)	(99)	40	45%	-100%	-100%	-100%	45%
O&M	GAS DISTRIBUTION	MEASUREMENT & REGULATION	Incident Related to the Medium Pressure System (Excluding Dig-in)	Regulator Station, Valve, and Large Meter Set Inspection	MP Overall	No	200	(4,531)	(4,666)	(4,806)	200	5%	-100%	-100%	-100%	5%
O&M	**GAS DISTRIBUTION**	**SubTotal MEASUREMENT & REGULATION**				**Yes**	**497**	**(5,976)**	**(6,155)**	**(6,340)**	**497**	**9%**	**-100%**	**-100%**	**-100%**	**9%**
O&M	GAS DISTRIBUTION	OPERATIONS MANAGEMENT, SUPERVISION & TRAINING	Non-RAMP	Non-RAMP	Non-RAMP	No	(1,226)	(7,455)	(7,679)	(7,908)	(1,226)	-17%	-100%	-100%	-100%	-17%
O&M	GAS DISTRIBUTION	OPERATIONS MANAGEMENT, SUPERVISION & TRAINING	Excavation Damage (Dig-In) on the Gas System	L&M Training Groupings	MP	No	(541)	(866)	(892)	(919)	(541)	-64%	-100%	-100%	-100%	-64%
O&M	GAS DISTRIBUTION	OPERATIONS MANAGEMENT, SUPERVISION & TRAINING	Incident Related to the Medium Pressure System (Excluding Dig-in)	Human Factors Mitigation - QA/QC Program	N/A	No	(44)	(348)	(358)	(369)	(44)	-13%	-100%	-100%	-100%	-13%

SDG&E GAS DISTRIBUTION O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference ($	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
O&M	GAS DISTRIBUTION	OPERATIONS MANAGEMENT, SUPERVISION & TRAINING	Incident Related to the Medium Pressure System (Excluding Dig-in)	Human Factors Mitigations - Ops Qual Training	N/A	No	68	(1,928)	(1,986)	(2,046)	68	4%	-100%	-100%	-100%	4%
O&M	**GAS DISTRIBUTION**	**SubTotal OPERATIONS MANAGEMENT, SUPERVISION & TRAINING**				**Yes**	**(1,743)**	**(10,597)**	**(10,915)**	**(11,242)**	**(1,743)**	**-17%**	**-100%**	**-100%**	**-100%**	**-17%**
O&M	GAS DISTRIBUTION	OTHER SERVICES	Non-RAMP	Non-RAMP	Non-RAMP	No	208	—	—	—	208	100%	—%	—%	—%	100%
O&M	**GAS DISTRIBUTION**	**SubTotal OTHER SERVICES**				**Yes**	**208**	**—**	**—**	**—**	**208**	**100%**	**—%**	**—%**	**—%**	**100%**

SDG&E GAS DISTRIBUTION O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference ($)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
O&M	GAS DISTRIBUTION	SERVICE MAINTENANCE	Non-RAMP	Non-RAMP	Non-RAMP	No	1,252	(892)	(919)	(947)	1,252	145%	-100%	-100%	-100%	145%
O&M	GAS DISTRIBUTION	SERVICE MAINTENANCE	Incident Related to the Medium Pressure System (Excluding Dig-in)	Gas Distribution Emergency Department - Service Portion	MP Service Steel & Plastic	No	390	(800)	(824)	(849)	390	50%	-100%	-100%	-100%	50%
O&M	GAS DISTRIBUTION	SERVICE MAINTENANCE	Incident Related to the Medium Pressure System (Excluding Dig-in)	Leak Repair - Service Portion	MP Service Plastic	No	95	(606)	(624)	(643)	95	16%	-100%	-100%	-100%	16%
O&M	GAS DISTRIBUTION	SERVICE MAINTENANCE	Incident Related to the Medium Pressure System (Excluding Dig-in)	Leak Repair - Service Portion	MP Service Steel	No	132	(919)	(947)	(974)	132	15%	-100%	-100%	-100%	15%
O&M	**GAS DISTRIBUTION**	**SubTotal SERVICE MAINTENANCE**				**Yes**	**1,869**	**(3,217)**	**(3,314)**	**(3,413)**	**1,869**	**60%**	**-100%**	**-100%**	**-100%**	**60%**
O&M	GAS DISTRIBUTION	TOOLS	Non-RAMP	Non-RAMP	Non-RAMP	No	272	(1,483)	(1,476)	(1,520)	272	20%	-100%	-100%	-100%	20%
O&M	GAS DISTRIBUTION	TOOLS	Incident Involving an Employee	Personal Protective Equipment	N/A	No	(142)	(515)	(530)	(546)	(142)	-28%	-100%	-100%	-100%	-28%
O&M	**GAS DISTRIBUTION**	**SubTotal TOOLS**				**Yes**	**129**	**(1,908)**	**(2,006)**	**(2,066)**	**129**	**7%**	**-100%**	**-100%**	**-100%**	**7%**
O&M	GAS DISTRIBUTION	R-LOCATE & MARK	Excavation Damage (Dig-In) on the Gas System	Locate & Mark Activities (HP)	HP	No	392	(112)	(115)	(118)	392	360%	-100%	-100%	-100%	360%
O&M	GAS DISTRIBUTION	R-LOCATE & MARK	Excavation Damage (Dig-In) on the Gas System	Locate & Mark Activities (MP)	MP	No	5,373	(3,960)	(4,079)	(4,202)	5,373	140%	-100%	-100%	-100%	140%
O&M	GAS DISTRIBUTION	R-LOCATE & MARK	Excavation Damage (Dig-In) on the Gas System	Locate & Mark Quality Assurance	MP	No	134	(165)	(170)	(175)	134	84%	-100%	-100%	-100%	84%
O&M	**GAS DISTRIBUTION**	**SubTotal R-LOCATE & MARK**				**Yes**	**5,899**	**(4,237)**	**(4,364)**	**(4,495)**	**5,899**	**143%**	**-100%**	**-100%**	**-100%**	**143%**

SDG&E GAS DISTRIBUTION O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	RoUsup	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
O&M	**GAS DISTRIBUTION**	**GAS DISTRIBUTION**				**Yes**																					
O&M	GAS DISTRIBUTION	ASSET MANAGEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	These activities include time spent by personnel to support the technical office associated with identifying construction design requirements. Examples of work include evaluating pressure specifications, providing project drawings, and identifying material selection. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																				
O&M	GAS DISTRIBUTION	ASSET MANAGEMENT	Asset Management	AIM (Gov, Strat, AIP)	N/A	No	FTE	0				0	1				1	(1)	0	0	0	(1)	(100)%	0 %	0 %	0 %	(100)%
O&M	GAS DISTRIBUTION	ASSET MANAGEMENT	Records Management	Gas Geographic Information System	N/A	No	Reconciled work orders	3,366				3,366	2,957				2,957	409	0	0	0	409	14 %	0 %	0 %	0 %	14 %
O&M	**GAS DISTRIBUTION**	**SubTotal ASSET MANAGEMENT**				**Yes**																					
O&M	GAS DISTRIBUTION	CATHODIC PROTECTION	Incident Related to the Medium Pressure System (Excluding Dig-in)	Cathodic Protection - O&M	HP Supply Line	No	High pressure reads	1,262				1,262	1,182				1,182	80	0	0	0	80	7 %	0 %	0 %	0 %	7 %
O&M	GAS DISTRIBUTION	CATHODIC PROTECTION	Incident Related to the Medium Pressure System (Excluding Dig-in)	Cathodic Protection - O&M	MP Main Steel	No	Medium pressure reads	22,114				22,114	20,706				20,706	1,408	0	0	0	1,408	7 %	0 %	0 %	0 %	7 %
O&M	**GAS DISTRIBUTION**	**SubTotal CATHODIC PROTECTION**				**Yes**																					
O&M	GAS DISTRIBUTION	ELECTRIC SUPPORT	Non-RAMP	Non-RAMP	Non-RAMP	No	The variety and scope of work for electric support (Gas Crew and Street Repair support primarily their Corrective Maintenance Program, the Quality Control Repairs and Inspection Program, the restoration of outage, and transformer change outs) makes it infeasible to identify a single unit of measurement.																				
O&M	**GAS DISTRIBUTION**	**SubTotal ELECTRIC SUPPORT**				**Yes**																					
O&M	GAS DISTRIBUTION	LEAK SURVEY	Incident Related to the Medium Pressure System (Excluding Dig-in)	Pipeline Monitoring (Leak Mitigation, Bridge & Span, Unstable Earth, and Pipeline Patrol	HP Transmission	No	Miles surveyed	354				354	360				360	(6)	0	0	0	(6)	(2)%	0 %	0 %	0 %	(2)%
O&M	GAS DISTRIBUTION	LEAK SURVEY	Incident Related to the Medium Pressure System (Excluding Dig-in)	Pipeline Monitoring (Leak Mitigation, Bridge & Span, Unstable Earth, and Pipeline Patrol	MP Overall	No	Inspections & surveys	972				972	940				940	32	0	0	0	32	3 %	0 %	0 %	0 %	3 %
O&M	**GAS DISTRIBUTION**	**SubTotal LEAK SURVEY**				**Yes**																					
O&M	GAS DISTRIBUTION	MAIN MAINTENANCE	Non-RAMP	Non-RAMP	Non-RAMP	No	The variety and scope of work for main maintenance (moving, lowering, raising gas mains, vaults, valves, and related structures) makes it infeasible to identify a single unit of measurement.																				
O&M	GAS DISTRIBUTION	MAIN MAINTENANCE	Incident Related to the Medium Pressure System (Excluding Dig-in)	Gas Distribution Emergency Department - Main Portion	MP Main Steel & Plastic	No	Responses	402				402	619				619	(217)	0	0	0	(217)	(35)%	0 %	0 %	0 %	(35)%
O&M	GAS DISTRIBUTION	MAIN MAINTENANCE	Incident Related to the Medium Pressure System (Excluding Dig-in)	Leak Repair - Main Portion	MP Main Plastic	No	Projects	65				65	90				90	(25)	0	0	0	(25)	(28)%	0 %	0 %	0 %	(28)%
O&M	GAS DISTRIBUTION	MAIN MAINTENANCE	Incident Related to the Medium Pressure System (Excluding Dig-in)	Leak Repair - Main Portion	MP Main Steel	No	Projects	111				111	156				156	(45)	0	0	0	(45)	(29)%	0 %	0 %	0 %	(29)%
O&M	**GAS DISTRIBUTION**	**SubTotal MAIN MAINTENANCE**				**Yes**																					

SDG&E GAS DISTRIBUTION O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
O&M	GAS DISTRIBUTION	MEASUREMENT & REGULATION	Non-RAMP	Non-RAMP	Non-RAMP	No	The variety and scope of work for Measurement and Regulations (Liquified Natural Gas facility maintenance and inspections, Compressed Natural Gas facility maintenance and inspection, planned large meter change outs, odor checks, and regulator station repairs) makes it infeasible to identify a signle unit of measurement.																				
O&M	GAS DISTRIBUTION	MEASUREMENT & REGULATION	Incident Related to the Medium Pressure System (Excluding Dig-in)	Control Center Modernization - Incremental add of personnel	N/A	No	Supervisory Control and Data Acquisition (SCADA) Enhanced Sites	0				0	3				3	(3)	0	0	0	(3)	(100)%	0 %	0 %	0 %	(100)%
O&M	GAS DISTRIBUTION	MEASUREMENT & REGULATION	Incident Related to the Medium Pressure System (Excluding Dig-in)	Regulator Station, Valve, and Large Meter Set Inspection	HP Supply Line	No	Inspections	68				68	17				17	51	0	0	0	51	300 %	0 %	0 %	0 %	300 %
O&M	GAS DISTRIBUTION	MEASUREMENT & REGULATION	Incident Related to the Medium Pressure System (Excluding Dig-in)	Regulator Station, Valve, and Large Meter Set Inspection	MP Overall	No	Inspections	3,334				3,334	842				842	2,492	0	0	0	2,492	296 %	0 %	0 %	0 %	296 %
O&M	**GAS DISTRIBUTION**	**SubTotal MEASUREMENT & REGULATION**				**Yes**																					
O&M	GAS DISTRIBUTION	OPERATIONS MANAGEMENT, SUPERVISION & TRAINING	Non-RAMP	Non-RAMP	Non-RAMP	No	The activities in this item include the supervision and management in the operating districts, training expenses of the employees in the districts, supplies, telephone expenses, mileage expenses, employee uniforms, etc. This includes expenses for leadership-based training of personnel in the Gas Technical Services, Gas Operations, and Gas Distribution groups. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																		
O&M	GAS DISTRIBUTION	OPERATIONS MANAGEMENT, SUPERVISION & TRAINING	Excavation Damage (Dig-In) on the Gas System	L&M Training Groupings	MP	No	Locate & Mark training hours	682				682	1,374				1,374	(692)	0	0	0	(692)	(50)%	0 %	0 %	0 %	(50)%
O&M	GAS DISTRIBUTION	OPERATIONS MANAGEMENT, SUPERVISION & TRAINING	Incident Related to the Medium Pressure System (Excluding Dig-in)	Human Factors Mitigation - QA/QC Program	N/A	No	Quality assurance/quality control field audits	832				832	239				239	593	0	0	0	593	248 %	0 %	0 %	0 %	248 %

SDG&E GAS DISTRIBUTION O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
O&M	GAS DISTRIBUTION	OPERATIONS MANAGEMENT, SUPERVISION & TRAINING	Incident Related to the Medium Pressure System (Excluding Dig-in)	Human Factors Mitigations - Ops Qual Training	N/A	No	Employees/Contractors trained	899				899	749				749	150	0	0	0	150	20 %	0 %	0 %	0 %	20 %
O&M	**GAS DISTRIBUTION**	**SubTotal OPERATIONS MANAGEMENT, SUPERVISION & TRAINING**				**Yes**																					
O&M	GAS DISTRIBUTION	OTHER SERVICES	Non-RAMP	Non-RAMP	Non-RAMP	No	This consists of miscellaneous expenses associated with Gas Distribution field operations that are not captured in other workgroups. Activities include inspecting and repairing customer meters, house regulators and house lines, and providing patrolling and other support to Transmission facilities and pipelines. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																	
O&M	**GAS DISTRIBUTION**	**SubTotal OTHER SERVICES**				**Yes**																					

SDG&E GAS DISTRIBUTION O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
O&M	GAS DISTRIBUTION	SERVICE MAINTENANCE	Non-RAMP	Non-RAMP	Non-RAMP	No	The variety, scope, and duration of work for service maintenance (moving, lowering, raising gas services, changing service valves, checking & repairing riser wrap and coating on MSAs) makes it infeasible to identify a single unit of measurement.																				
O&M	GAS DISTRIBUTION	SERVICE MAINTENANCE	Incident Related to the Medium Pressure System (Excluding Dig-in)	Gas Distribution Emergency Department - Service Portion	MP Service Steel & Plastic	No	Responses	1,205				1,205	345				345	860	0	0	0	860	249 %	0 %	0 %	0 %	249 %
O&M	GAS DISTRIBUTION	SERVICE MAINTENANCE	Incident Related to the Medium Pressure System (Excluding Dig-in)	Leak Repair - Service Portion	MP Service Plastic	No	Projects	274				274	88				88	186	0	0	0	186	211 %	0 %	0 %	0 %	211 %
O&M	GAS DISTRIBUTION	SERVICE MAINTENANCE	Incident Related to the Medium Pressure System (Excluding Dig-in)	Leak Repair - Service Portion	MP Service Steel	No	Projects	410				410	133				133	277	0	0	0	277	208 %	0 %	0 %	0 %	208 %
O&M	**GAS DISTRIBUTION**	**SubTotal SERVICE MAINTENANCE**				**Yes**																					
O&M	GAS DISTRIBUTION	TOOLS	Non-RAMP	Non-RAMP	Non-RAMP	No	Included in this category are materials used and expenses necessary for Personal Protective Equipment (PPE) used during construction and maintenance activities and those held in inventory as vehicle truck stock. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																				
O&M	GAS DISTRIBUTION	TOOLS	Incident Involving an Employee	Personal Protective Equipment	N/A	No	Employees	577				577	576				576	1	0	0	0	1	0 %	0 %	0 %	0 %	0 %
O&M	**GAS DISTRIBUTION**	**SubTotal TOOLS**				**Yes**																					
O&M	GAS DISTRIBUTION	R-LOCATE & MARK	Excavation Damage (Dig-In) on the Gas System	Locate & Mark Activities (HP)	HP	No	Tickets	19,117				19,117	7,452				7,452	11,665	0	0	0	11,665	157 %	0 %	0 %	0 %	157 %
O&M	GAS DISTRIBUTION	R-LOCATE & MARK	Excavation Damage (Dig-In) on the Gas System	Locate & Mark Activities (MP)	MP	No	Tickets transmitted	193,436				193,436	164,706				164,706	28,730	0	0	0	28,730	17 %	0 %	0 %	0 %	17 %
O&M	GAS DISTRIBUTION	R-LOCATE & MARK	Excavation Damage (Dig-In) on the Gas System	Locate & Mark Quality Assurance	MP	No	FTE	2				2	2				2	0	0	0	0	0	0 %	0 %	0 %	0 %	0 %
O&M	**GAS DISTRIBUTION**	**SubTotal R-LOCATE & MARK**				**Yes**																					

SDG&E GAS DISTRIBUTION O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	RoUup	Safety, Reliability, or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status	Status Variance Explanation Required?
O&M	**GAS DISTRIBUTION**	**GAS DISTRIBUTION**				**Yes**										
O&M	GAS DISTRIBUTION	ASSET MANAGEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	GAS DISTRIBUTION	ASSET MANAGEMENT	Asset Management	AIM (Gov, Strat, AIP)	N/A	No	YES	NO	YES	N/A	Variance is due to the timing of hiring one Asset Strategy Advisor.	On Target (T)	Under (U)	Under (U)	Deferred	NO
O&M	GAS DISTRIBUTION	ASSET MANAGEMENT	Records Management	Gas Geographic Information System	N/A	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**GAS DISTRIBUTION**	**SubTotal ASSET MANAGEMENT**				**Yes**	**YES**	**NO**								**NO**
O&M	GAS DISTRIBUTION	CATHODIC PROTECTION	Incident Related to the Medium Pressure System (Excluding Dig-in)	Cathodic Protection - O&M	HP Supply Line	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	GAS DISTRIBUTION	CATHODIC PROTECTION	Incident Related to the Medium Pressure System (Excluding Dig-in)	Cathodic Protection - O&M	MP Main Steel	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**GAS DISTRIBUTION**	**SubTotal CATHODIC PROTECTION**				**Yes**	**YES**	**NO**								**NO**
O&M	GAS DISTRIBUTION	ELECTRIC SUPPORT	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**GAS DISTRIBUTION**	**SubTotal ELECTRIC SUPPORT**				**Yes**	**YES**	**NO**								**NO**
O&M	GAS DISTRIBUTION	LEAK SURVEY	Incident Related to the Medium Pressure System (Excluding Dig-in)	Pipeline Monitoring (Leak Mitigation, Bridge & Span, Unstable Earth, and Pipeline Patrol	HP Transmission	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	GAS DISTRIBUTION	LEAK SURVEY	Incident Related to the Medium Pressure System (Excluding Dig-in)	Pipeline Monitoring (Leak Mitigation, Bridge & Span, Unstable Earth, and Pipeline Patrol	MP Overall	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**GAS DISTRIBUTION**	**SubTotal LEAK SURVEY**				**Yes**	**YES**	**NO**								**NO**
O&M	GAS DISTRIBUTION	MAIN MAINTENANCE	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	YES	NO	The costs associated with Non-RAMP main maintenance was shifted to address Abnormal Operating Conditions (AOC) associated with service maintenance, which can be seen with the increase in cost in Non-RAMP service maintenance.	N/A	On Target (T)	On Target (T)	Under (U)	Proceeding as Planned	NO
O&M	GAS DISTRIBUTION	MAIN MAINTENANCE	Incident Related to the Medium Pressure System (Excluding Dig-in)	Gas Distribution Emergency Department - Main Portion	MP Main Steel & Plastic	No	YES	NO	YES	N/A	This activity covers the response of the Gas Distribution Emergency Department (GED) to leaks and Dig-In's on the gas system mains. The variety and frequency of these responses are based on factors outside of SDG&E control (i.e., third party leaks) and vary year to year. The number of responses forecasted did not materialize in 2024.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	GAS DISTRIBUTION	MAIN MAINTENANCE	Incident Related to the Medium Pressure System (Excluding Dig-in)	Leak Repair - Main Portion	MP Main Plastic	No	YES	NO	YES	N/A	This activity covers the repair of leaks on plastic mains. The frequency of these leaks are based on factors outside of SDG&E control (i.e., third party leaks) and vary year to year. The number of leaks forecasted for repaired on plastic mains did not materialize in 2024.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	GAS DISTRIBUTION	MAIN MAINTENANCE	Incident Related to the Medium Pressure System (Excluding Dig-in)	Leak Repair - Main Portion	MP Main Steel	No	YES	NO	YES	N/A	This activity covers the repair of repair of leaks on steel mains. The frequency of these leaks are based on factors outside of SDG&E control (i.e., third party leaks) and vary year to year. The number of leaks forecasted for repaired on steel mains did not materialize in 2024.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**GAS DISTRIBUTION**	**SubTotal MAIN MAINTENANCE**				**Yes**	**YES**	**NO**								**NO**

SDG&E GAS DISTRIBUTION O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Safety, Reliability, or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status	Status Variance Explanation Required?
O&M	GAS DISTRIBUTION	MEASUREMENT & REGULATION	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	YES	NO	This variance is attributed to shift in dollars away from Control Center Modernization to address Abnormal Operating Conditions (AOC). on the gas system which were identified during mapping reviews and during pipeline patrols.	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	GAS DISTRIBUTION	MEASUREMENT & REGULATION	Incident Related to the Medium Pressure System (Excluding Dig-in)	Control Center Modernization - Incremental add of personnel	N/A	No	YES	YES	YES	This workpaper was intended for the O&M of SCADA sites on regulator stations in the SDG&E service territory. The design and construction of these types of activities can take several years. The capital construction of these sites is ongoing, but as of the end of 2024 zero sites had come online to send data, be monitored, or controlled and subsequently zero O&M costs. The plan is for these sites to come on-line in 2025.	This workpaper was intended for the O&M of SCADA sites on regulator stations in the SDG&E service territory. The design and construction of these types of activities can take several years. The capital construction of these sites is ongoing, but as of the end of 2024 zero sites had come online to send data, be monitored, or controlled and subsequently zero O&M costs. The plan is for these sites to come on-line in 2025.	Under (U)	Under (U)	Under (U)	Deferred	NO
O&M	GAS DISTRIBUTION	MEASUREMENT & REGULATION	Incident Related to the Medium Pressure System (Excluding Dig-in)	Regulator Station, Valve, and Large Meter Set Inspection	HP Supply Line	No	YES	NO	YES	N/A	This variance is attributed to incorrectly forecasting the number of regulator stations, valves and large meter inspections. Currently there are over 600 large meter, over 2,200 valve, and over 450 regulator station inspections performed annually per regulations.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	GAS DISTRIBUTION	MEASUREMENT & REGULATION	Incident Related to the Medium Pressure System (Excluding Dig-in)	Regulator Station, Valve, and Large Meter Set Inspection	MP Overall	No	YES	NO	YES	N/A	This variance is attributed to incorrectly forecasting the number of regulator stations, valves and large meters inspections. Currently there are over 600 large meter, over 2,200 valve, and over 450 regulator station inspections performed annually per regulations.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**GAS DISTRIBUTION**	**SubTotal MEASUREMENT & REGULATION**				**Yes**	**YES**	**NO**								**NO**
O&M	GAS DISTRIBUTION	OPERATIONS MANAGEMENT, SUPERVISION & TRAINING	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	GAS DISTRIBUTION	OPERATIONS MANAGEMENT, SUPERVISION & TRAINING	Excavation Damage (Dig-In) on the Gas System	L&M Training Groupings	MP	No	YES	YES	YES	The variance of cost and units is attributed to lower drop out rate in 2024 as compared to years past. Employees who bid for the locator position who struggle with the Operator Qualifications (OpQuals) of the position require additional hours of training to give them additional opportunity to pass the requirements.	The variance of cost and units is attributed to lower drop out rate in 2024 as compared to years past. Employees who bid for the locator position who struggle with the Operator Qualifications (OpQuals) of the position require additional hours of training to give them additional opportunity to pass the requirements.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	GAS DISTRIBUTION	OPERATIONS MANAGEMENT, SUPERVISION & TRAINING	Incident Related to the Medium Pressure System (Excluding Dig-in)	Human Factors Mitigation - QA/QC Program	N/A	No	YES	NO	YES	N/A	The unit variance is attributed to the Quality Assurance (QA) group being able to perform more QA field audits than originally forecast.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO

SDG&E GAS DISTRIBUTION O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-ups	Safety, Reliability, or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status	Status Variance Explanation Required?
O&M	GAS DISTRIBUTION	OPERATIONS MANAGEMENT, SUPERVISION & TRAINING	Incident Related to the Medium Pressure System (Excluding Dig-in)	Human Factors Mitigations - Ops Qual Training	N/A	No	YES	NO	YES	N/A	The variance on units associated with the Operator Qualifications (OpQuals) performed is attributed to an increase of OpQuals required by both internal gas workers and external gas contractors. The number of OpQuals is determined by OpQual frequency and by number of new internal gas workers and new contractors who perform work on the SDG&E gas pipelines system.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**GAS DISTRIBUTION**	**SubTotal OPERATIONS MANAGEMENT, SUPERVISION & TRAINING**				**Yes**	**YES**	**NO**								**NO**
O&M	GAS DISTRIBUTION	OTHER SERVICES	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**GAS DISTRIBUTION**	**SubTotal OTHER SERVICES**				**Yes**	**YES**	**NO**								**NO**

SDG&E GAS DISTRIBUTION O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Safety, Reliability, or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status	Status Variance Explanation Required?
O&M	GAS DISTRIBUTION	SERVICE MAINTENANCE	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	YES	NO	The costs associated with Non-RAMP main maintenance were shifted to address abnormal operating condition associated with service maintenance, which can be seen with the increase in cost in Non-RAMP service maintenance.	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	GAS DISTRIBUTION	SERVICE MAINTENANCE	Incident Related to the Medium Pressure System (Excluding Dig-in)	Gas Distribution Emergency Department - Service Portion	MP Service Steel & Plastic	No	YES	NO	YES	N/A	This activity covers the response of the GED to leaks and Dig-In's on the gas system services. The variety and frequency of these responses are based on factors outside of SDG&E control (i.e., leaks by third party excavation) and the number of responses forecasted was exceeded.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	GAS DISTRIBUTION	SERVICE MAINTENANCE	Incident Related to the Medium Pressure System (Excluding Dig-in)	Leak Repair - Service Portion	MP Service Plastic	No	YES	NO	YES	N/A	This activity covers the repair of repair of leaks on plastic services. The frequency of these leaks are based on factors outside of SDG&E control (i.e., third party leaks) and the number of leaks forecasted for repaired on plastic services was exceeded.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	GAS DISTRIBUTION	SERVICE MAINTENANCE	Incident Related to the Medium Pressure System (Excluding Dig-in)	Leak Repair - Service Portion	MP Service Steel	No	YES	NO	YES	N/A	This activity covers the repair of repair of leaks on steel services. The frequency of these leaks are based on factors outside of SDG&E control (i.e., third party leaks) and the number of leaks forecasted for repaired on steel services was exceeded.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**GAS DISTRIBUTION**	**SubTotal SERVICE MAINTENANCE**				**Yes**	**YES**	**YES**								**NO**
O&M	GAS DISTRIBUTION	TOOLS	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	GAS DISTRIBUTION	TOOLS	Incident Involving an Employee	Personal Protective Equipment	N/A	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**GAS DISTRIBUTION**	**SubTotal TOOLS**				**Yes**	**YES**	**NO**								**NO**
O&M	GAS DISTRIBUTION	R-LOCATE & MARK	Excavation Damage (Dig-In) on the Gas System	Locate & Mark Activities (HP)	HP	No	YES	NO	YES	N/A	The number of tickets submitted to DigAlert is outside of SDG&Es control as the tickets are submitted by any 3rd party who is excavating. The number of High Pressure Gas tickets was higher than forecasted and authorized.	Over (O)	On Target (T)	Over (O)	Expanded	NO
O&M	GAS DISTRIBUTION	R-LOCATE & MARK	Excavation Damage (Dig-In) on the Gas System	Locate & Mark Activities (MP)	MP	No	YES	YES	NO	The variance is attributed to activities and associated expense for electric underground and fiber optic mark out which make up the difference between what was authorized (only the gas markout) and what was spent.	N/A	Over (O)	On Target (T)	Over (O)	Proceeding as Planned	NO
O&M	GAS DISTRIBUTION	R-LOCATE & MARK	Excavation Damage (Dig-In) on the Gas System	Locate & Mark Quality Assurance	MP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**GAS DISTRIBUTION**	**SubTotal R-LOCATE & MARK**				**Yes**	**YES**	**YES**								**NO**

SDG&E GAS DISTRIBUTION O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	RolUup	Status Variance Explanation	WP Activity Description	2024 GRC Testimony Location
O&M	**GAS DISTRIBUTION**	**GAS DISTRIBUTION**				**Yes**			
O&M	GAS DISTRIBUTION	ASSET MANAGEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
O&M	GAS DISTRIBUTION	ASSET MANAGEMENT	Asset Management	AIM (Gov, Strat, AIP)	N/A	No	N/A	This workgroup records the labor and non-labor costs for services provided by SDG&E's Gas Design, Project Management, Engineering, and Geographic Information Systems groups. These groups provide many of the technical and administrative services needed for the successful and timely completion of the O&M activities in Gas Distribution. Activities performed by this office include items such as identifying construction design requirements, evaluating pressure specifications, conducting pipeline planning, providing project drawings, identifying material selection, preparing work order estimates, acquiring third-party contract services, developing and maintaining pipeline and pipeline component mapped records in the GIS system, processing as-built drawings from the field to create a final record of pipeline system additions and changes, and obtaining permits for construction from city, county, state, and federal agencies.	SDGE-04-R-E LPK-54 to LPK-59 WP 1GD009.000
O&M	GAS DISTRIBUTION	ASSET MANAGEMENT	Records Management	Gas Geographic Information System	N/A	No	N/A		
O&M	**GAS DISTRIBUTION**	**SubTotal ASSET MANAGEMENT**				**Yes**			
O&M	GAS DISTRIBUTION	CATHODIC PROTECTION	Incident Related to the Medium Pressure System (Excluding Dig-in)	Cathodic Protection - O&M	HP Supply Line	No	N/A		
O&M	GAS DISTRIBUTION	CATHODIC PROTECTION	Incident Related to the Medium Pressure System (Excluding Dig-in)	Cathodic Protection - O&M	MP Main Steel	No	N/A		
O&M	**GAS DISTRIBUTION**	**SubTotal CATHODIC PROTECTION**				**Yes**			
O&M	GAS DISTRIBUTION	ELECTRIC SUPPORT	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
O&M	**GAS DISTRIBUTION**	**SubTotal ELECTRIC SUPPORT**				**Yes**			
O&M	GAS DISTRIBUTION	LEAK SURVEY	Incident Related to the Medium Pressure System (Excluding Dig-in)	Pipeline Monitoring (Leak Mitigation, Bridge & Span, Unstable Earth, and Pipeline Patrol	HP Transmission	No	N/A		
O&M	GAS DISTRIBUTION	LEAK SURVEY	Incident Related to the Medium Pressure System (Excluding Dig-in)	Pipeline Monitoring (Leak Mitigation, Bridge & Span, Unstable Earth, and Pipeline Patrol	MP Overall	No	N/A		
O&M	**GAS DISTRIBUTION**	**SubTotal LEAK SURVEY**				**Yes**			
O&M	GAS DISTRIBUTION	MAIN MAINTENANCE	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A	Main maintenance work is generally corrective in nature and is required to keep the natural gas system operating safely and reliably. The work in this workgroup is designed to meet federal, i.e., 49 C.F.R. §192, and state, i.e., CPUC General Order 112-F, pipeline safety regulations and to extend the life of distribution main pipelines and related infrastructure. Main maintenance work is primarily comprised of labor and non-labor expenses associated with investigating and repairing leaks in distribution mains as well as moving, lowering, and raising short sections of gas distribution mains, vaults, valves, and related structures. This group includes the Main Maintenance portion of RAMP (SDG&E-Risk-9, C06): Leak Repair, and (SDG&E-Risk-9, C11): Gas Distribution Emergency Department.	SDGE-04-R-E LPK-35 to LPK-38 WP 1GD003.000
O&M	GAS DISTRIBUTION	MAIN MAINTENANCE	Incident Related to the Medium Pressure System (Excluding Dig-in)	Gas Distribution Emergency Department - Main Portion	MP Main Steel & Plastic	No	N/A	Main maintenance work is generally corrective in nature and is required to keep the natural gas system operating safely and reliably. The work in this workgroup is designed to meet federal, i.e., 49 C.F.R. §192, and state, i.e., CPUC General Order 112-F, pipeline safety regulations and to extend the life of distribution main pipelines and related infrastructure. Main maintenance work is primarily comprised of labor and non-labor expenses associated with investigating and repairing leaks in distribution mains as well as moving, lowering, and raising short sections of gas distribution mains, vaults, valves, and related structures. This group includes the Main Maintenance portion of RAMP (SDG&E-Risk-9, C06): Leak Repair, and (SDG&E-Risk-9, C11): Gas Distribution Emergency Department.	SDGE-04-R-E LPK-35 to LPK-38 WP 1GD003.000
O&M	GAS DISTRIBUTION	MAIN MAINTENANCE	Incident Related to the Medium Pressure System (Excluding Dig-in)	Leak Repair - Main Portion	MP Main Plastic	No	N/A	Main maintenance work is generally corrective in nature and is required to keep the natural gas system operating safely and reliably. The work in this workgroup is designed to meet federal, i.e., 49 C.F.R. §192, and state, i.e., CPUC General Order 112-F, pipeline safety regulations and to extend the life of distribution main pipelines and related infrastructure. Main maintenance work is primarily comprised of labor and non-labor expenses associated with investigating and repairing leaks in distribution mains as well as moving, lowering, and raising short sections of gas distribution mains, vaults, valves, and related structures. This group includes the Main Maintenance portion of RAMP (SDG&E-Risk-9, C06): Leak Repair, and (SDG&E-Risk-9, C11): Gas Distribution Emergency Department.	SDGE-04-R-E LPK-35 to LPK-38 WP 1GD003.000
O&M	GAS DISTRIBUTION	MAIN MAINTENANCE	Incident Related to the Medium Pressure System (Excluding Dig-in)	Leak Repair - Main Portion	MP Main Steel	No	N/A	Main maintenance work is generally corrective in nature and is required to keep the natural gas system operating safely and reliably. The work in this workgroup is designed to meet federal, i.e., 49 C.F.R. §192, and state, i.e., CPUC General Order 112-F, pipeline safety regulations and to extend the life of distribution main pipelines and related infrastructure. Main maintenance work is primarily comprised of labor and non-labor expenses associated with investigating and repairing leaks in distribution mains as well as moving, lowering, and raising short sections of gas distribution mains, vaults, valves, and related structures. This group includes the Main Maintenance portion of RAMP (SDG&E-Risk-9, C06): Leak Repair, and (SDG&E-Risk-9, C11): Gas Distribution Emergency Department.	SDGE-04-R-E LPK-35 to LPK-38 WP 1GD003.000
O&M	**GAS DISTRIBUTION**	**SubTotal MAIN MAINTENANCE**				**Yes**			

SDG&E GAS DISTRIBUTION O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Status Variance Explanation	WP Activity Description	2024 GRC Testimony Location
O&M	GAS DISTRIBUTION	MEASUREMENT & REGULATION	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A	This group includes the cost of labor, materials used, and expenses incurred in inspecting and maintaining large gas meters and their Meter Set Assemblies (MSAs), gas instruments, company Compressed Natural Gas (CNG) facilities, inspection and maintenance of gas regulator stations and other equipment used in measuring and regulating gas within gas distribution system operations other than the measurement of gas deliveries to customers. This group includes RAMP SDG&E-Risk-9, C04: Regulator Station, Valve, and Large Meter Set Inspection and SDG&E-Risk-09, C17: Control Center Modernization	SDGE-04-R-E LPK-46 to LPK-50 WP 1GD007.000
O&M	GAS DISTRIBUTION	MEASUREMENT & REGULATION	Incident Related to the Medium Pressure System (Excluding Dig-in)	Control Center Modernization - Incremental add of personnel	N/A	No	N/A	This group includes the cost of labor, materials used, and expenses incurred in inspecting and maintaining large gas meters and their Meter Set Assemblies (MSAs), gas instruments, company Compressed Natural Gas (CNG) facilities, inspection and maintenance of gas regulator stations and other equipment used in measuring and regulating gas within gas distribution system operations other than the measurement of gas deliveries to customers. This group includes RAMP SDG&E-Risk-9, C04: Regulator Station, Valve, and Large Meter Set Inspection and SDG&E-Risk-09, C17: Control Center Modernization	SDGE-04-R-E LPK-46 to LPK-50 WP 1GD007.000
O&M	GAS DISTRIBUTION	MEASUREMENT & REGULATION	Incident Related to the Medium Pressure System (Excluding Dig-in)	Regulator Station, Valve, and Large Meter Set Inspection	HP Supply Line	No	N/A	This group includes the cost of labor, materials used, and expenses incurred in inspecting and maintaining large gas meters and their Meter Set Assemblies (MSAs), gas instruments, company Compressed Natural Gas (CNG) facilities, inspection and maintenance of gas regulator stations and other equipment used in measuring and regulating gas within gas distribution system operations other than the measurement of gas deliveries to customers. This group includes RAMP SDG&E-Risk-9, C04: Regulator Station, Valve, and Large Meter Set Inspection and SDG&E-Risk-09, C17: Control Center Modernization	SDGE-04-R-E LPK-46 to LPK-50 WP 1GD007.000
O&M	GAS DISTRIBUTION	MEASUREMENT & REGULATION	Incident Related to the Medium Pressure System (Excluding Dig-in)	Regulator Station, Valve, and Large Meter Set Inspection	MP Overall	No	N/A	This group includes the cost of labor, materials used, and expenses incurred in inspecting and maintaining large gas meters and their Meter Set Assemblies (MSAs), gas instruments, company Compressed Natural Gas (CNG) facilities, inspection and maintenance of gas regulator stations and other equipment used in measuring and regulating gas within gas distribution system operations other than the measurement of gas deliveries to customers. This group includes RAMP SDG&E-Risk-9, C04: Regulator Station, Valve, and Large Meter Set Inspection and SDG&E-Risk-09, C17: Control Center Modernization	SDGE-04-R-E LPK-46 to LPK-50 WP 1GD007.000
O&M	**GAS DISTRIBUTION**	**SubTotal MEASUREMENT & REGULATION**				**Yes**			
O&M	GAS DISTRIBUTION	OPERATIONS MANAGEMENT, SUPERVISION & TRAINING	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
O&M	GAS DISTRIBUTION	OPERATIONS MANAGEMENT, SUPERVISION & TRAINING	Excavation Damage (Dig-In) on the Gas System	L&M Training Groupings	MP	No	N/A	Work completed within this group includes Gas Distribution leadership; developing and maintaining gas distribution construction and operating standards; evaluating new field technologies; development of field training materials and providing the skills training both in classroom and simulation format; providing code required welder testing, training and welding inspection; and managing the Operator Qualification (OQ) program for SDG&E gas employees and contractors. This workpaper includes RAMP, SDG&E-Risk-9, C14: Human Factors Mitigations - Ops Qual Training, SDG&E-Risk-9, C15: Human Factors Mitigation - QA/QC Program, and SDG&E-Risk-7, C01: L&M Training Groupings.	SDGE-04-R-E LPK-59 to LPK-66 WP 1GD010.000
O&M	GAS DISTRIBUTION	OPERATIONS MANAGEMENT, SUPERVISION & TRAINING	Incident Related to the Medium Pressure System (Excluding Dig-in)	Human Factors Mitigation - QA/QC Program	N/A	No	N/A	Work completed within this group includes Gas Distribution leadership; developing and maintaining gas distribution construction and operating standards; evaluating new field technologies; development of field training materials and providing the skills training both in classroom and simulation format; providing code required welder testing, training and welding inspection; and managing the Operator Qualification (OQ) program for SDG&E gas employees and contractors. This workpaper includes RAMP, SDG&E-Risk-9, C14: Human Factors Mitigations - Ops Qual Training, SDG&E-Risk-9, C15: Human Factors Mitigation - QA/QC Program, and SDG&E-Risk-7, C01: L&M Training Groupings.	SDGE-04-R-E LPK-59 to LPK-66 WP 1GD010.000

SDG&E GAS DISTRIBUTION O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-ups	Status Variance Explanation	WP Activity Description	2024 GRC Testimony Location
O&M	GAS DISTRIBUTION	OPERATIONS MANAGEMENT, SUPERVISION & TRAINING	Incident Related to the Medium Pressure System (Excluding Digs)	Human Factors Mitigations - Ops Qual Training	N/A	No	N/A	Work completed within this group includes Gas Distribution leadership; developing and maintaining gas distribution construction and operating standards; evaluating new field technologies; development of field training materials and providing the skills training both in classroom and simulation format; providing code required welder testing, training and welding inspection; and managing the Operator Qualification (OQ) program for SDG&E gas employees and contractors. This workpaper includes RAMP: SDG&E-Risk-9, C14: Human Factors Mitigations - Ops Qual Training, SDG&E-Risk-9, C15: Human Factors Mitigation - QA/QC Program, and SDG&E-Risk-7, C01: L&M Training Groupings.	SDGE-04-R-E LPK-59 to LPK-66 WP 1GD010.000
O&M	**GAS DISTRIBUTION**	**SubTotal OPERATIONS MANAGEMENT, SUPERVISION & TRAINING**				**Yes**			
O&M	GAS DISTRIBUTION	OTHER SERVICES	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
O&M	**GAS DISTRIBUTION**	**SubTotal OTHER SERVICES**				**Yes**			

SDG&E GAS DISTRIBUTION O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Status Variance Explanation	WP Activity Description	2024 GRC Testimony Location
O&M	GAS DISTRIBUTION	SERVICE MAINTENANCE	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A	Service maintenance work is primarily comprised of labor and non-labor expenses associated with investigating and repairing leaks in distribution services, changing service valves, checking the condition of coating at the MSA, testing service pipe for leaks, inspecting and testing service pipe after repairs have been made, and installing, maintaining and removing temporary feeds. Also included in this subgroup are expenses for moving, lowering, and raising sections of distribution services. Workgroup is designed to meet federal, i.e., 49 C.F.R. §192, and state, i.e., CPUC General Order 112-F pipeline safety regulations and to extend the life of distribution service pipelines and related infrastructure.	SDGE-04-R-E LPK-38 to LPK-42 WP 1GD004.000
O&M	GAS DISTRIBUTION	SERVICE MAINTENANCE	Incident Related to the Medium Pressure System (Excluding Dig-in)	Gas Distribution Emergency Department - Service Portion	MP Service Steel & Plastic	No	N/A	Service maintenance work is primarily comprised of labor and non-labor expenses associated with investigating and repairing leaks in distribution services, changing service valves, checking the condition of coating at the MSA, testing service pipe for leaks, inspecting and testing service pipe after repairs have been made, and installing, maintaining and removing temporary feeds. Also included in this subgroup are expenses for moving, lowering, and raising sections of distribution services. Workgroup is designed to meet federal, i.e., 49 C.F.R. §192, and state, i.e., CPUC General Order 112-F pipeline safety regulations and to extend the life of distribution service pipelines and related infrastructure.	SDGE-04-R-E LPK-38 to LPK-42 WP 1GD004.000
O&M	GAS DISTRIBUTION	SERVICE MAINTENANCE	Incident Related to the Medium Pressure System (Excluding Dig-in)	Leak Repair - Service Portion	MP Service Plastic	No	N/A	Service maintenance work is primarily comprised of labor and non-labor expenses associated with investigating and repairing leaks in distribution services, changing service valves, checking the condition of coating at the MSA, testing service pipe for leaks, inspecting and testing service pipe after repairs have been made, and installing, maintaining and removing temporary feeds. Also included in this subgroup are expenses for moving, lowering, and raising sections of distribution services. Workgroup is designed to meet federal, i.e., 49 C.F.R. §192, and state, i.e., CPUC General Order 112-F pipeline safety regulations and to extend the life of distribution service pipelines and related infrastructure.	SDGE-04-R-E LPK-38 to LPK-42 WP 1GD004.000
O&M	GAS DISTRIBUTION	SERVICE MAINTENANCE	Incident Related to the Medium Pressure System (Excluding Dig-in)	Leak Repair - Service Portion	MP Service Steel	No	N/A	Service maintenance work is primarily comprised of labor and non-labor expenses associated with investigating and repairing leaks in distribution services, changing service valves, checking the condition of coating at the MSA, testing service pipe for leaks, inspecting and testing service pipe after repairs have been made, and installing, maintaining and removing temporary feeds. Also included in this subgroup are expenses for moving, lowering, and raising sections of distribution services. Workgroup is designed to meet federal, i.e., 49 C.F.R. §192, and state, i.e., CPUC General Order 112-F pipeline safety regulations and to extend the life of distribution service pipelines and related infrastructure.	SDGE-04-R-E LPK-38 to LPK-42 WP 1GD004.000
O&M	**GAS DISTRIBUTION**	**SubTotal SERVICE MAINTENANCE**				**Yes**			
O&M	GAS DISTRIBUTION	TOOLS	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
O&M	GAS DISTRIBUTION	TOOLS	Incident Involving an Employee	Personal Protective Equipment	N/A	No	N/A		
O&M	**GAS DISTRIBUTION**	**SubTotal TOOLS**				**Yes**			
O&M	GAS DISTRIBUTION	R-LOCATE & MARK	Excavation Damage (Dig-In) on the Gas System	Locate & Mark Activities (HP)	HP	No	N/A	This all RAMP workpaper (SDG&E-Risk-7, C03, C04, & C09) group includes labor and non-labor expenses to locate and mark out multiple underground facilities which include distribution and transmission gas facilities, secondary and primary electric underground, electric transmission, fiber optics, and standby activities of excavators near high pressure distribution facilities. The activities under this cost workgroup are preventative in nature, contribute to sustainability, and are required to avert damages caused by third-party excavators working near gas and electric underground substructures.	SDG&E-04-R-E LPK-31 to LPK-35 WP 1GD002.000
O&M	GAS DISTRIBUTION	R-LOCATE & MARK	Excavation Damage (Dig-In) on the Gas System	Locate & Mark Activities (MP)	MP	No	N/A	This all RAMP workpaper (SDG&E-Risk-7, C03, C04, & C09) group includes labor and non-labor expenses to locate and mark out multiple underground facilities which include distribution and transmission gas facilities, secondary and primary electric underground, electric transmission, fiber optics, and standby activities of excavators near high pressure distribution facilities. The activities under this cost workgroup are preventative in nature, contribute to sustainability, and are required to avert damages caused by third-party excavators working near gas and electric underground substructures.	SDG&E-04-R-E LPK-31 to LPK-35 WP 1GD002.000
O&M	GAS DISTRIBUTION	R-LOCATE & MARK	Excavation Damage (Dig-In) on the Gas System	Locate & Mark Quality Assurance	MP	No	N/A		
O&M	**GAS DISTRIBUTION**	**SubTotal R-LOCATE & MARK**				**Yes**			

SDG&E GAS INTEGRITY MANAGEMENT PROGRAMS O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	ReRun	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date ($)
O&M	GAS INTEGRITY MANAGEMENT PROGRAMS	GAS INTEGRITY MANAGEMENT PROGRAMS				Yes			–	–	–	–	–	146	150	155	160	146
O&M	GAS INTEGRITY PROGRAMS	GAS SAFETY ENHANCEMENT PROGRAMS	Incident Related to the High Pressure System (Excluding Dig-in)	Gas Transmission Safety Rule - MAOP Reconfirmation (HCA and Non-HCA)	Transmission - HCA	No	14	4	–	–	–	–	–	77	78	80	82	77
O&M	GAS INTEGRITY PROGRAMS	GAS SAFETY ENHANCEMENT PROGRAMS	Incident Related to the High Pressure System (Excluding Dig-in)	Gas Transmission Safety Rule - MAOP Reconfirmation (HCA and Non-HCA)	Transmission - Non-HCA	No	14	4	–	–	–	–	–	24	25	26	27	24
O&M	GAS INTEGRITY PROGRAMS	GAS SAFETY ENHANCEMENT PROGRAMS	Incident Related to the High Pressure System (Excluding Dig-in)	NEW - Gas Transmission Safety Rule (GTSR) Part 2	Transmission - HCA & non-HCA	No	On-going	Annual	–	–	–	–	–	18	19	20	21	18
O&M	GAS INTEGRITY PROGRAMS	GAS SAFETY ENHANCEMENT PROGRAMS	Incident Related to the High Pressure System (Excluding Dig-in)	NEW - Valve Rule	Transmission - HCA & non-HCA	No	On-going	Annual	–	–	–	–	–	27	28	29	30	27
O&M	GAS INTEGRITY PROGRAMS	SubTotal GAS SAFETY ENHANCEMENT PROGRAMS				Yes			–	–	–	–	–	146	150	155	160	146

SDG&E GAS INTEGRITY MANAGEMENT PROGRAMS O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	ReRun	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference ($)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
O&M	GAS INTEGRITY MANAGEMENT PROGRAMS	GAS INTEGRITY MANAGEMENT PROGRAMS				Yes	(146)	(150)	(155)	(160)	(146)	-100%	-100%	-100%	-100%	-100%
O&M	GAS INTEGRITY PROGRAMS	GAS SAFETY ENHANCEMENT PROGRAMS	Incident Related to the High Pressure System (Excluding Dig-in)	Gas Transmission Safety Rule - MAOP Reconfirmation (HCA and Non-HCA)	Transmission - HCA	No	(77)	(78)	(80)	(82)	(77)	-100%	-100%	-100%	-100%	-100%
O&M	GAS INTEGRITY PROGRAMS	GAS SAFETY ENHANCEMENT PROGRAMS	Incident Related to the High Pressure System (Excluding Dig-in)	Gas Transmission Safety Rule - MAOP Reconfirmation (HCA and Non-HCA)	Transmission - Non-HCA	No	(24)	(25)	(26)	(27)	(24)	-100%	-100%	-100%	-100%	-100%
O&M	GAS INTEGRITY PROGRAMS	GAS SAFETY ENHANCEMENT PROGRAMS	Incident Related to the High Pressure System (Excluding Dig-in)	NEW - Gas Transmission Safety Rule (GTSR) Part 2	Transmission - HCA & non-HCA	No	(18)	(19)	(20)	(21)	(18)	-100%	-100%	-100%	-100%	-100%
O&M	GAS INTEGRITY PROGRAMS	GAS SAFETY ENHANCEMENT PROGRAMS	Incident Related to the High Pressure System (Excluding Dig-in)	NEW - Valve Rule	Transmission - HCA & non-HCA	No	(27)	(28)	(29)	(30)	(27)	-100%	-100%	-100%	-100%	-100%
O&M	**GAS INTEGRITY PROGRAMS**	**SubTotal GAS SAFETY ENHANCEMENT PROGRAMS**				Yes	**(146)**	**(150)**	**(155)**	**(160)**	**(146)**	**-100%**	**-100%**	**-100%**	**-100%**	**-100%**

SDG&E GAS INTEGRITY MANAGEMENT PROGRAMS O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	ReRun	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
O&M	GAS INTEGRITY MANAGEMENT PROGRAMS	GAS INTEGRITY MANAGEMENT PROGRAMS				Yes																					
O&M	GAS INTEGRITY PROGRAMS	GAS SAFETY ENHANCEMENT PROGRAMS	Incident Related to the High Pressure System (Excluding Dig-in)	Gas Transmission Safety Rule - MAOP Reconfirmation (HCA and Non-HCA)	Transmission - HCA	No	This activity and the work completed in 2024 consist of program management activities (e.g., training, data management, and reporting). The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																					
O&M	GAS INTEGRITY PROGRAMS	GAS SAFETY ENHANCEMENT PROGRAMS	Incident Related to the High Pressure System (Excluding Dig-in)	Gas Transmission Safety Rule - MAOP Reconfirmation (HCA and Non-HCA)	Transmission - Non-HCA	No	This activity and the work completed in 2024 consist of program management activities (e.g., training, data management, and reporting). The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																					
O&M	GAS INTEGRITY PROGRAMS	GAS SAFETY ENHANCEMENT PROGRAMS	Incident Related to the High Pressure System (Excluding Dig-in)	NEW - Gas Transmission Safety Rule (GTSR) Part 2	Transmission - HCA & non-HCA	No	A unit of measure is not feasible for the wide range of activities that are required to comply with GTSR Part 2 (e.g., training, data management and analysis, corrosion control surveys).																					
O&M	GAS INTEGRITY PROGRAMS	GAS SAFETY ENHANCEMENT PROGRAMS	Incident Related to the High Pressure System (Excluding Dig-in)	NEW - Valve Rule	Transmission - HCA & non-HCA	No	Since O&M costs are incurred due to a variety of activities (e.g., data management, reporting, training) necessary to support capital work, units are presented in the capital section.																					
O&M	GAS INTEGRITY PROGRAMS	SubTotal GAS SAFETY ENHANCEMENT PROGRAMS				Yes																					

SDG&E GAS INTEGRITY MANAGEMENT PROGRAMS O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	ReRun	Safety, Reliability, or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status	Status Variance Explanation Required?
O&M	GAS INTEGRITY MANAGEMENT PROGRAMS	GAS INTEGRITY MANAGEMENT PROGRAMS				Yes										
O&M	GAS INTEGRITY PROGRAMS	GAS SAFETY ENHANCEMENT PROGRAMS	Incident Related to the High Pressure System (Excluding Dig-in)	Gas Transmission Safety Rule - MAOP Reconfirmation (HCA and Non-HCA)	Transmission - HCA	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	Under (U)	Other	YES
O&M	GAS INTEGRITY PROGRAMS	GAS SAFETY ENHANCEMENT PROGRAMS	Incident Related to the High Pressure System (Excluding Dig-in)	Gas Transmission Safety Rule - MAOP Reconfirmation (HCA and Non-HCA)	Transmission - Non-HCA	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	Under (U)	Other	YES
O&M	GAS INTEGRITY PROGRAMS	GAS SAFETY ENHANCEMENT PROGRAMS	Incident Related to the High Pressure System (Excluding Dig-in)	NEW - Gas Transmission Safety Rule (GTSR) Part 2	Transmission - HCA & non-HCA	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	Over (O)	Other	YES
O&M	GAS INTEGRITY PROGRAMS	GAS SAFETY ENHANCEMENT PROGRAMS	Incident Related to the High Pressure System (Excluding Dig-in)	NEW - Valve Rule	Transmission - HCA & non-HCA	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	Under (U)	Other	YES
O&M	**GAS INTEGRITY PROGRAMS**	**SubTotal GAS SAFETY ENHANCEMENT PROGRAMS**				**Yes**	**YES**	**NO**								**YES**

SDG&E GAS INTEGRITY MANAGEMENT PROGRAMS O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	ReRup	Status Variance Explanation	WP Activity Description	2024 GRC Testimony Location
O&M	GAS INTEGRITY MANAGEMENT PROGRAMS	GAS INTEGRITY MANAGEMENT PROGRAMS				Yes			
O&M	GAS INTEGRITY PROGRAMS	GAS SAFETY ENHANCEMENT PROGRAMS	Incident Related to the High Pressure System (Excluding Dig-in)	Gas Transmission Safety Rule - MAOP Reconfirmation (HCA and Non-HCA)	Transmission - HCA	No	The GTSR Part 1 program remains active and to maximize efficiencies, SDG&E was able to leverage SoCalGas resources to conduct general GTSR Part 1 management activities, so costs were allocated to the shared services workpaper (2200-7003).	Implementation of new gas safety rules and regulations activities as follows: MAOP Reconfirmation as required by PHMSA's Gas Transmission Safety Rule (GTSR) Part 1 (49 CFR 192.624); GTSR Part 2, which includes corrosion management and remediation measures; and the Valve Installation and Minimum Rupture Standard s Rule (Valve Rule).	SDGE-09-R AK-TS-36 to AK-TS-46 WP	TD 005.000
O&M	GAS INTEGRITY PROGRAMS	GAS SAFETY ENHANCEMENT PROGRAMS	Incident Related to the High Pressure System (Excluding Dig-in)	Gas Transmission Safety Rule - MAOP Reconfirmation (HCA and Non-HCA)	Transmission - Non-HCA	No	The GTSR Part 1 program remains active and to maximize efficiencies, SDG&E was able to leverage SoCalGas resources to conduct general GTSR Part 1 management activities, so costs were allocated to the shared services workpaper (2200-7003).	Implementation of new gas safety rules and regulations activities as follows: MAOP Reconfirmation as required by PHMSA's Gas Transmission Safety Rule (GTSR) Part 1 (49 CFR 192.624); GTSR Part 2, which includes corrosion management and remediation measures; and the Valve Installation and Minimum Rupture Standard s Rule (Valve Rule).	SDGE-09-R AK-TS-36 to AK-TS-46 WP	TD 005.000
O&M	GAS INTEGRITY PROGRAMS	GAS SAFETY ENHANCEMENT PROGRAMS	Incident Related to the High Pressure System (Excluding Dig-in)	NEW - Gas Transmission Safety Rule (GTSR) Part 2	Transmission - HCA & non-HCA	No	The primary driver for GTSR Part 1 costs are corrosion control activities as required by 49 CFR 192.465 and 192.473. In 2024, SDG&E did not encounter conditions requiring GTSR Part 2 compliance activities as previously expected. However, the scope of work remains necessary and SDG&E continues to monitor and manage its pipelines in accordance with GTSR Part 2 requirements and anticipates. Additionally, to maximize efficiencies, SDG&E was able to leverage SoCalGas resources to conduct general management activities, so costs were allocated to the shared services workpaper (2200-7003).	Implementation of new gas safety rules and regulations activities as follows: MAOP Reconfirmation as required by PHMSA's Gas Transmission Safety Rule (GTSR) Part 1 (49 CFR 192.624); GTSR Part 2, which includes corrosion management and remediation measures; and the Valve Installation and Minimum Rupture Standard s Rule (Valve Rule).	SDGE-09-R AK-TS-36 to AK-TS-46 WP	TD 005.000
O&M	GAS INTEGRITY PROGRAMS	GAS SAFETY ENHANCEMENT PROGRAMS	Incident Related to the High Pressure System (Excluding Dig-in)	NEW - Valve Rule	Transmission - HCA & non-HCA	No	Valve Rule compliance remains active and to maximize efficiencies, SDG&E was able to leverage SoCalGas resources to conduct general management activities, so costs were allocated to the shared services workpaper (2200-7003).	Implementation of new gas safety rules and regulations activities as follows: MAOP Reconfirmation as required by PHMSA's Gas Transmission Safety Rule (GTSR) Part 1 (49 CFR 192.624); GTSR Part 2, which includes corrosion management and remediation measures; and the Valve Installation and Minimum Rupture Standard s Rule (Valve Rule).	SDGE-09-R AK-TS-36 to AK-TS-46 WP	TD 005.000
O&M	GAS INTEGRITY PROGRAMS	SubTotal GAS SAFETY ENHANCEMENT PROGRAMS				Yes			

SDG&E GAS TRANSMISSION OPERATIONS AND CONSTRUCTION O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date ($)
O&M	GAS TRANSMISSION OPERATIONS AND CONSTRUCTION	GAS TRANSMISSION OPERATIONS AND CONSTRUCTION				Yes			5,385	—	—	—	5,385	6,192	6,378	6,570	6,768	6,192
O&M	GAS TRANSMISSION	COMPRESSOR STATION OPERATIONS - MORENO	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	—	—	—	—	—	257	265	273	281	257
O&M	GAS TRANSMISSION	COMPRESSOR STATION OPERATIONS - MORENO	Incident Related to the High Pressure System (Excluding Dig-in)	Compressor Station	Transmission - Facilities	No	On-going	Annual	3,464	—	—	—	3,464	3,503	3,608	3,716	3,828	3,503
O&M	GAS TRANSMISSION	COMPRESSOR STATION OPERATIONS - MORENO	Incident Related to the High Pressure System (Excluding Dig-in)	Engineering, Oversight Compliance Review	N/A	No	On-going	Annual	6	—	—	—	6	93	96	99	102	93
O&M	GAS TRANSMISSION	SubTotal COMPRESSOR STATION OPERATIONS - MORENO				Yes			3,470	—	—	—	3,470	3,853	3,969	4,088	4,211	3,853
O&M	GAS TRANSMISSION	PIPELINE & INSTRUMENTATION OPERATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	(0)	—	—	—	(0)	1,008	1,038	1,070	1,103	1,008
O&M	GAS TRANSMISSION	PIPELINE & INSTRUMENTATION OPERATIONS	Incident Related to the High Pressure System (Excluding Dig-in)	Cathodic Protection (HCA & Non-HCA)	Transmission - HCA	No	On-going	Annual	110	—	—	—	110	71	73	75	77	71
O&M	GAS TRANSMISSION	PIPELINE & INSTRUMENTATION OPERATIONS	Incident Related to the High Pressure System (Excluding Dig-in)	Cathodic Protection (HCA & Non-HCA)	Transmission - Non-HCA	No	On-going	Annual	24	—	—	—	24	16	16	16	16	16
O&M	GAS TRANSMISSION	PIPELINE & INSTRUMENTATION OPERATIONS	Incident Related to the High Pressure System (Excluding Dig-in)	Engineering, Oversight Compliance Review	N/A	No	On-going	Annual	22	—	—	—	22	93	96	99	102	93
O&M	GAS TRANSMISSION	PIPELINE & INSTRUMENTATION OPERATIONS	Incident Related to the High Pressure System (Excluding Dig-in)	Measurement & Regulation Station Maintenance (HCA & Non-HCA)	Transmission - HCA	No	On-going	Annual	299	—	—	—	299	325	335	345	356	325
O&M	GAS TRANSMISSION	PIPELINE & INSTRUMENTATION OPERATIONS	Incident Related to the High Pressure System (Excluding Dig-in)	Measurement & Regulation Station Maintenance (HCA & Non-HCA)	Transmission - Non-HCA	No	On-going	Annual	68	—	—	—	68	72	74	76	78	72
O&M	GAS TRANSMISSION	PIPELINE & INSTRUMENTATION OPERATIONS	Incident Related to the High Pressure System (Excluding Dig-in)	Odorization	Transmission Facilities	No	On-going	Annual	—	—	—	—	—	10	10	10	10	10
O&M	GAS TRANSMISSION	PIPELINE & INSTRUMENTATION OPERATIONS	Incident Related to the High Pressure System (Excluding Dig-in)	Pipeline Maintenance (HCA & Non-HCA)	Transmission - HCA	No	On-going	Annual	1,078	—	—	—	1,078	564	581	599	617	564
O&M	GAS TRANSMISSION	PIPELINE & INSTRUMENTATION OPERATIONS	Incident Related to the High Pressure System (Excluding Dig-in)	Pipeline Maintenance (HCA & Non-HCA)	Transmission - Non-HCA	No	On-going	Annual	237	—	—	—	237	124	128	132	136	124
O&M	GAS TRANSMISSION	SubTotal PIPELINE & INSTRUMENTATION OPERATIONS				Yes			1,835	—	—	—	1,835	2,283	2,351	2,422	2,495	2,283
O&M	GAS TRANSMISSION	TECHNICAL SERVICES	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	—	—	—	—	—	7	7	7	7	7
O&M	GAS TRANSMISSION	TECHNICAL SERVICES	Incident Related to the High Pressure System (Excluding Dig-in)	Engineering, Oversight Compliance Review	N/A	No	On-going	Annual	80	—	—	—	80	49	51	53	55	49
O&M	GAS TRANSMISSION	SubTotal TECHNICAL SERVICES				Yes			80	—	—	—	80	56	58	60	62	56

SDG&E GAS TRANSMISSION OPERATIONS AND CONSTRUCTION O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference ($)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
O&M	GAS TRANSMISSION OPERATIONS AND CONSTRUCTION	GAS TRANSMISSION OPERATIONS AND CONSTRUCTION				Yes	(807)	(6,370)	(6,870)	(6,760)	(807)	-13%	-100%	-100%	-100%	-13%
O&M	GAS TRANSMISSION	COMPRESSOR STATION OPERATIONS - MORENO	Non-RAMP	Non-RAMP	Non-RAMP	No	(257)	(265)	(273)	(281)	(257)	-100%	-100%	-100%	-100%	-100%
O&M	GAS TRANSMISSION	COMPRESSOR STATION OPERATIONS - MORENO	Incident Related to the High Pressure System (Excluding Dig-in)	Compressor Station	Transmission - Facilities	No	(39)	(3,608)	(3,716)	(3,828)	(39)	-1%	-100%	-100%	-100%	-1%
O&M	GAS TRANSMISSION	COMPRESSOR STATION OPERATIONS - MORENO	Incident Related to the High Pressure System (Excluding Dig-in)	Engineering, Oversight Compliance Review	N/A	No	(87)	(96)	(99)	(102)	(87)	-93%	-100%	-100%	-100%	-93%
O&M	**GAS TRANSMISSION**	**Sub Total COMPRESSOR STATION OPERATIONS - MORENO**				**Yes**	**(383)**	**(3,969)**	**(4,088)**	**(4,211)**	**(383)**	**-10%**	**-100%**	**-100%**	**-100%**	**-10%**
O&M	GAS TRANSMISSION	PIPELINE & INSTRUMENTATION OPERATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	(1,008)	(1,038)	(1,070)	(1,103)	(1,008)	-100%	-100%	-100%	-100%	-100%
O&M	GAS TRANSMISSION	PIPELINE & INSTRUMENTATION OPERATIONS	Incident Related to the High Pressure System (Excluding Dig-in)	Cathodic Protection (HCA & Non-HCA)	Transmission - HCA	No	39	(73)	(75)	(77)	39	55%	-100%	-100%	-100%	55%
O&M	GAS TRANSMISSION	PIPELINE & INSTRUMENTATION OPERATIONS	Incident Related to the High Pressure System (Excluding Dig-in)	Cathodic Protection (HCA & Non-HCA)	Transmission - Non-HCA	No	8	(16)	(16)	(16)	8	51%	-100%	-100%	-100%	51%
O&M	GAS TRANSMISSION	PIPELINE & INSTRUMENTATION OPERATIONS	Incident Related to the High Pressure System (Excluding Dig-in)	Engineering, Oversight Compliance Review	N/A	No	(71)	(96)	(99)	(102)	(71)	-76%	-100%	-100%	-100%	-76%
O&M	GAS TRANSMISSION	PIPELINE & INSTRUMENTATION OPERATIONS	Incident Related to the High Pressure System (Excluding Dig-in)	Measurement & Regulation Station Maintenance (HCA & Non-HCA)	Transmission - HCA	No	(26)	(335)	(345)	(356)	(26)	-8%	-100%	-100%	-100%	-8%
O&M	GAS TRANSMISSION	PIPELINE & INSTRUMENTATION OPERATIONS	Incident Related to the High Pressure System (Excluding Dig-in)	Measurement & Regulation Station Maintenance (HCA & Non-HCA)	Transmission - Non-HCA	No	(6)	(74)	(76)	(78)	(6)	-9%	-100%	-100%	-100%	-9%
O&M	GAS TRANSMISSION	PIPELINE & INSTRUMENTATION OPERATIONS	Incident Related to the High Pressure System (Excluding Dig-in)	Odorization	Transmission Facilities	No	(10)	(10)	(10)	(10)	(10)	-100%	-100%	-100%	-100%	-100%
O&M	GAS TRANSMISSION	PIPELINE & INSTRUMENTATION OPERATIONS	Incident Related to the High Pressure System (Excluding Dig-in)	Pipeline Maintenance (HCA & Non-HCA)	Transmission - HCA	No	514	(581)	(599)	(617)	514	91%	-100%	-100%	-100%	91%
O&M	GAS TRANSMISSION	PIPELINE & INSTRUMENTATION OPERATIONS	Incident Related to the High Pressure System (Excluding Dig-in)	Pipeline Maintenance (HCA & Non-HCA)	Transmission - Non-HCA	No	113	(128)	(132)	(136)	113	91%	-100%	-100%	-100%	91%
O&M	**GAS TRANSMISSION**	**Sub Total PIPELINE & INSTRUMENTATION OPERATIONS**				**Yes**	**(440)**	**(2,951)**	**(2,422)**	**(2,495)**	**(440)**	**-20%**	**-100%**	**-100%**	**-100%**	**-20%**
O&M	GAS TRANSMISSION	TECHNICAL SERVICES	Non-RAMP	Non-RAMP	Non-RAMP	No	(7)	(7)	(7)	(7)	(7)	-100%	-100%	-100%	-100%	-100%
O&M	GAS TRANSMISSION	TECHNICAL SERVICES	Incident Related to the High Pressure System (Excluding Dig-in)	Engineering, Oversight Compliance Review	N/A	No	31	(51)	(53)	(55)	31	63%	-100%	-100%	-100%	63%
O&M	**GAS TRANSMISSION**	**Sub Total TECHNICAL SERVICES**				**Yes**	**24**	**(58)**	**(60)**	**(62)**	**24**	**42%**	**-100%**	**-100%**	**-100%**	**42%**

SDG&E GAS TRANSMISSION OPERATIONS AND CONSTRUCTION O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
O&M	GAS TRANSMISSION OPERATIONS AND CONSTRUCTION	GAS TRANSMISSION OPERATIONS AND CONSTRUCTION				Yes																					
O&M	GAS TRANSMISSION	COMPRESSOR STATION OPERATIONS - MORENO	Non-RAMP	Non-RAMP	Non-RAMP	No	The activities in this workpaper include Compressor Station Operation activities. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																				
O&M	GAS TRANSMISSION	COMPRESSOR STATION OPERATIONS - MORENO	Incident Related to the High Pressure System (Excluding Dig-in)	Compressor Station	Transmission - Facilities	No	The activities in this workpaper include Compressor Station Operation activities. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																				
O&M	GAS TRANSMISSION	COMPRESSOR STATION OPERATIONS - MORENO	Incident Related to the High Pressure System (Excluding Dig-in)	Engineering, Oversight Compliance Review	N/A	No	The activities in this workpaper include Compressor Station Operation activities. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																				
O&M	**GAS TRANSMISSION**	**SubTotal COMPRESSOR STATION OPERATIONS - MORENO**				**Yes**																					
O&M	GAS TRANSMISSION	PIPELINE & INSTRUMENTATION OPERATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	This workpaper is unable to identify a single unit of measure due to the variety of Pipeline and Instrumentation non-RAMP activities. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																				
O&M	GAS TRANSMISSION	PIPELINE & INSTRUMENTATION OPERATIONS	Incident Related to the High Pressure System (Excluding Dig-in)	Cathodic Protection (HCA & Non-HCA)	Transmission - HCA	No	This workpaper is unable to identify a single unit of measure because there are many Cathodic Protection Maintenance activities which consist of annual electrolysis test station (ETS) reads, bi-monthly current source inspections and annual rectifier maintenance on transmission pipelines. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																				
O&M	GAS TRANSMISSION	PIPELINE & INSTRUMENTATION OPERATIONS	Incident Related to the High Pressure System (Excluding Dig-in)	Cathodic Protection (HCA & Non-HCA)	Transmission - Non-HCA	No	This workpaper is unable to identify a single unit of measure because there are many Cathodic Protection Maintenance activities which consist of annual electrolysis test station (ETS) reads, bi-monthly current source inspections and annual rectifier maintenance on transmission pipelines. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																				
O&M	GAS TRANSMISSION	PIPELINE & INSTRUMENTATION OPERATIONS	Incident Related to the High Pressure System (Excluding Dig-in)	Engineering, Oversight Compliance Review	N/A	No	This workpaper is unable to identify a single unit of measure due to the variety of Engineering, Oversight, Compliance Review activities. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																				
O&M	GAS TRANSMISSION	PIPELINE & INSTRUMENTATION OPERATIONS	Incident Related to the High Pressure System (Excluding Dig-in)	Measurement & Regulation Station Maintenance (HCA & Non-HCA)	Transmission - HCA	No	The activities tracked within this category are associated with the maintenance of meter set assemblies and pressure limiting stations. The scope of work is project-specific and varies significantly from project to project (e.g., station piping, valves, regulators, control and communications equipment, shelters, enclosure, etc.). The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																				
O&M	GAS TRANSMISSION	PIPELINE & INSTRUMENTATION OPERATIONS	Incident Related to the High Pressure System (Excluding Dig-in)	Measurement & Regulation Station Maintenance (HCA & Non-HCA)	Transmission - Non-HCA	No	The activities tracked within this category are associated with the maintenance of meter set assemblies and pressure limiting stations. The scope of work varies significantly from project to project (e.g., station piping, valves, regulators, control and communications equipment, shelters, enclosure, etc.). The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																				
O&M	GAS TRANSMISSION	PIPELINE & INSTRUMENTATION OPERATIONS	Incident Related to the High Pressure System (Excluding Dig-in)	Odorization	Transmission Facilities	No	The odorization of the natural gas is required by 49CFR § 192.625. Odorant is added to natural gas as a safety precaution reducing risk that leaks will go undetected and gas will accumulate to hazardous levels. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																				
O&M	GAS TRANSMISSION	PIPELINE & INSTRUMENTATION OPERATIONS	Incident Related to the High Pressure System (Excluding Dig-in)	Pipeline Maintenance (HCA & Non-HCA)	Transmission - HCA	No	This workpaper is unable to identify a single unit of measure because there are many Pipeline Maintenance activities which consist of leak surveys, pipeline patrol, valve inspections, meter inspections, vault inspections and bridge & span inspections on transmission pipelines. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																				
O&M	GAS TRANSMISSION	PIPELINE & INSTRUMENTATION OPERATIONS	Incident Related to the High Pressure System (Excluding Dig-in)	Pipeline Maintenance (HCA & Non-HCA)	Transmission - Non-HCA	No	This workpaper is unable to identify a single unit of measure because there are many Pipeline Maintenance activities which consist of leak surveys, pipeline patrol, valve inspections, meter inspections, vault inspections and bridge & span inspections on transmission pipelines. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																				
O&M	**GAS TRANSMISSION**	**SubTotal PIPELINE & INSTRUMENTATION OPERATIONS**				**Yes**																					
O&M	GAS TRANSMISSION	TECHNICAL SERVICES	Non-RAMP	Non-RAMP	Non-RAMP	No	This workpaper activities include the support of the day-to-day operations and maintenance of the gas transmission system include design and engineering, instrumentation, control, project support, and environmental services. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																				
O&M	GAS TRANSMISSION	TECHNICAL SERVICES	Incident Related to the High Pressure System (Excluding Dig-in)	Engineering, Oversight Compliance Review	N/A	No	This workpaper activities include the support of the day-to-day operations and maintenance of the gas transmission system include design and engineering, instrumentation, control, project support, and environmental services. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																				
O&M	**GAS TRANSMISSION**	**SubTotal TECHNICAL SERVICES**				**Yes**																					

SDG&E GAS TRANSMISSION OPERATIONS AND CONSTRUCTION O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Safety, Reliability, or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status	Status Variance Explanation Required?
O&M	GAS TRANSMISSION OPERATIONS AND CONSTRUCTION	GAS TRANSMISSION OPERATIONS AND CONSTRUCTION				Yes										
O&M	GAS TRANSMISSION	COMPRESSOR STATION OPERATIONS - MORENO	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	Under (U)	Other	YES
O&M	GAS TRANSMISSION	COMPRESSOR STATION OPERATIONS - MORENO	Incident Related to the High Pressure System (Excluding Dig-in)	Compressor Station	Transmission - Facilities	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceedings Planned	NO
O&M	GAS TRANSMISSION	COMPRESSOR STATION OPERATIONS - MORENO	Incident Related to the High Pressure System (Excluding Dig-in)	Engineering, Oversight Compliance Review	N/A	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	Under (U)	Proceedings Planned	NO
O&M	**GAS TRANSMISSION**	**SubTotal COMPRESSOR STATION OPERATIONS - MORENO**				**Yes**	**YES**	**NO**								**NO**
O&M	GAS TRANSMISSION	PIPELINE & INSTRUMENTATION OPERATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	YES	NO	All Pipeline and Instrumentation Operations costs in 2024 were determined to be RAMP. The costs originally estimated in this non-RAMP category have been accounted for in the appropriate RAMP line items.	N/A	On Target (T)	On Target (T)	Under (U)	Other	YES
O&M	GAS TRANSMISSION	PIPELINE & INSTRUMENTATION OPERATIONS	Incident Related to the High Pressure System (Excluding Dig-in)	Cathodic Protection (HCA & Non-HCA)	Transmission - HCA	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	Over (O)	Proceedings Planned	NO
O&M	GAS TRANSMISSION	PIPELINE & INSTRUMENTATION OPERATIONS	Incident Related to the High Pressure System (Excluding Dig-in)	Cathodic Protection (HCA & Non-HCA)	Transmission - Non-HCA	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	Over (O)	Proceedings Planned	NO
O&M	GAS TRANSMISSION	PIPELINE & INSTRUMENTATION OPERATIONS	Incident Related to the High Pressure System (Excluding Dig-in)	Engineering, Oversight Compliance Review	N/A	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	Under (U)	Proceedings Planned	NO
O&M	GAS TRANSMISSION	PIPELINE & INSTRUMENTATION OPERATIONS	Incident Related to the High Pressure System (Excluding Dig-in)	Measurement & Regulation Station Maintenance (HCA & Non-HCA)	Transmission - HCA	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceedings Planned	NO
O&M	GAS TRANSMISSION	PIPELINE & INSTRUMENTATION OPERATIONS	Incident Related to the High Pressure System (Excluding Dig-in)	Measurement & Regulation Station Maintenance (HCA & Non-HCA)	Transmission - Non-HCA	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceedings Planned	NO
O&M	GAS TRANSMISSION	PIPELINE & INSTRUMENTATION OPERATIONS	Incident Related to the High Pressure System (Excluding Dig-in)	Odorization	Transmission Facilities	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	Under (U)	Proceedings Planned	YES
O&M	GAS TRANSMISSION	PIPELINE & INSTRUMENTATION OPERATIONS	Incident Related to the High Pressure System (Excluding Dig-in)	Pipeline Maintenance (HCA & Non-HCA)	Transmission - HCA	No	YES	YES	NO	Higher than estimated costs in this category are due to more RAMP Pipeline Maintenance work occurring in 2024. The increased cost for Pipeline Maintenance was forecast in the non-RAMP Pipeline and Instrumentation Operations cost category.	N/A	On Target (T)	On Target (T)	Over (O)	Proceedings Planned	NO
O&M	GAS TRANSMISSION	PIPELINE & INSTRUMENTATION OPERATIONS	Incident Related to the High Pressure System (Excluding Dig-in)	Pipeline Maintenance (HCA & Non-HCA)	Transmission - Non-HCA	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	Over (O)	Proceedings Planned	NO
O&M	**GAS TRANSMISSION**	**SubTotal PIPELINE & INSTRUMENTATION OPERATIONS**				**Yes**	**YES**	**NO**								**NO**
O&M	GAS TRANSMISSION	TECHNICAL SERVICES	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	Under (U)	Under (U)	Under (U)	Other	YES
O&M	GAS TRANSMISSION	TECHNICAL SERVICES	Incident Related to the High Pressure System (Excluding Dig-in)	Engineering, Oversight Compliance Review	N/A	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	Over (O)	Proceedings Planned	NO
O&M	**GAS TRANSMISSION**	**SubTotal TECHNICAL SERVICES**				**Yes**	**YES**	**NO**								**NO**

SDG&E GAS TRANSMISSION OPERATIONS AND CONSTRUCTION O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Status Variance Explanation	WP Activity Description	2024 GRC Testimony Location
O&M	GAS TRANSMISSION OPERATIONS AND CONSTRUCTION	GAS TRANSMISSION OPERATIONS AND CONSTRUCTION				Yes			
O&M	GAS TRANSMISSION	COMPRESSOR STATION OPERATIONS - MORENO	Non-RAMP	Non-RAMP	Non-RAMP	No	All costs associated with Moreno Compressor Station in 2024 were determined to be RAMP. Work at the compressor station is expected to proceed as planned.		
O&M	GAS TRANSMISSION	COMPRESSOR STATION OPERATIONS - MORENO	Incident Related to the High Pressure System (Excluding Dig-in)	Compressor Station	Transmission - Facilities	No	N/A		
O&M	GAS TRANSMISSION	COMPRESSOR STATION OPERATIONS - MORENO	Incident Related to the High Pressure System (Excluding Dig-in)	Engineering, Oversight Compliance Review	N/A	No	N/A		
O&M	GAS TRANSMISSION	SubTotal COMPRESSOR STATION OPERATIONS - MORENO				Yes			
O&M	GAS TRANSMISSION	PIPELINE & INSTRUMENTATION OPERATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	All Pipeline and Instrumentation Operations costs in 2024 were determined to be RAMP. The costs originally estimated for in this non-RAMP category have been accounted for in the appropriate RAMP line items. Future costs may be incurred in this cost category.	The Gas Transmission Pipeline & Instrumentation Operations includes operation and maintenance of equipment at pipeline receipt points, valve control stations, major customer delivery custody-transfer points, and all associated monitoring, metering, and control facilities, odorization equipment, and real-time operating data telemetry communications between gas facilities and SoCalGas's Gas Control department.	SDG&E-00-E RCSH-13 to RCSH-17 WP 1GT001.000
O&M	GAS TRANSMISSION	PIPELINE & INSTRUMENTATION OPERATIONS	Incident Related to the High Pressure System (Excluding Dig-in)	Cathodic Protection (HCA & Non-HCA)	Transmission - HCA	No	N/A		
O&M	GAS TRANSMISSION	PIPELINE & INSTRUMENTATION OPERATIONS	Incident Related to the High Pressure System (Excluding Dig-in)	Cathodic Protection (HCA & Non-HCA)	Transmission - Non-HCA	No	N/A		
O&M	GAS TRANSMISSION	PIPELINE & INSTRUMENTATION OPERATIONS	Incident Related to the High Pressure System (Excluding Dig-in)	Engineering, Oversight Compliance Review	N/A	No	N/A		
O&M	GAS TRANSMISSION	PIPELINE & INSTRUMENTATION OPERATIONS	Incident Related to the High Pressure System (Excluding Dig-in)	Measurement & Regulation Station Maintenance (HCA & Non-HCA)	Transmission - HCA	No	N/A		
O&M	GAS TRANSMISSION	PIPELINE & INSTRUMENTATION OPERATIONS	Incident Related to the High Pressure System (Excluding Dig-in)	Measurement & Regulation Station Maintenance (HCA & Non-HCA)	Transmission - Non-HCA	No	N/A		
O&M	GAS TRANSMISSION	PIPELINE & INSTRUMENTATION OPERATIONS	Incident Related to the High Pressure System (Excluding Dig-in)	Odorization	Transmission Facilities	No	Odorization of the natural gas supply is an ongoing activity. There were no purchases of odorant in 2024 so this category is underspent. Future costs are anticipated in this cost category.		
O&M	GAS TRANSMISSION	PIPELINE & INSTRUMENTATION OPERATIONS	Incident Related to the High Pressure System (Excluding Dig-in)	Pipeline Maintenance (HCA & Non-HCA)	Transmission - HCA	No	N/A	The Gas Transmission Pipeline & Instrumentation Operations includes operation and maintenance of equipment at pipeline receipt points, valve control stations, major customer delivery custody-transfer points, and all associated monitoring, metering, and control facilities, odorization equipment, and real-time operating data telemetry communications between gas facilities and SoCalGas's Gas Control department.	SDG&E-00-E RCSH-13 to RCSH-17 WP 1GT001.000
O&M	GAS TRANSMISSION	PIPELINE & INSTRUMENTATION OPERATIONS	Incident Related to the High Pressure System (Excluding Dig-in)	Pipeline Maintenance (HCA & Non-HCA)	Transmission - Non-HCA	No	N/A		
O&M	GAS TRANSMISSION	SubTotal PIPELINE & INSTRUMENTATION OPERATIONS				Yes			
O&M	GAS TRANSMISSION	TECHNICAL SERVICES	Non-RAMP	Non-RAMP	Non-RAMP	No	All Technical Services costs in 2024 were determined to be RAMP. The costs originally estimated for in this non-RAMP category have been accounted for in the engineering, oversight, and compliance review RAMP line item. Future costs may be incurred in this cost category.		
O&M	GAS TRANSMISSION	TECHNICAL SERVICES	Incident Related to the High Pressure System (Excluding Dig-in)	Engineering, Oversight Compliance Review	N/A	No	N/A		
O&M	GAS TRANSMISSION	SubTotal TECHNICAL SERVICES				Yes			

SDG&E GAS SYSTEM STAFF & TECHNOLOGY O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date ($)
O&M	GAS SYSTEM STAFF & TECHNOLOGY	GAS SYSTEM STAFF & TECHNOLOGY				Yes			391	--	--	--	391	401	495	510	525	401
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	350	--	--	--	350	275	282	290	298	275
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION	Excavation Damage (Dig-In) on the Gas System	Outreach for Latent 3rd Party Damages (HP)	N/A	No	On-going	Annual	--	--	--	--	--	1	1	1	1	1
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION	Excavation Damage (Dig-In) on the Gas System	Outreach for Latent 3rd Party Damages (MP)	N/A	No	On-going	Annual	1	--	--	--	1	3	3	3	3	3
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION	Excavation Damage (Dig-In) on the Gas System	Public Awareness (HP) (T1 - T4)	Excavators (HP)	No	On-going	Annual	1	--	--	--	1	6	6	6	6	6
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION	Excavation Damage (Dig-In) on the Gas System	Public Awareness (MP) (T1 - T4)	Local Public Officials (MP)	No	On-going	Annual	3	--	--	--	3	19	20	21	22	19
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION	Excavation Damage (Dig-In) on the Gas System	Public Awareness (HP) (T1 - T4)	Emergency Officials (HP)	No	On-going	Annual	--	--	--	--	--	1	1	1	1	1
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION	Excavation Damage (Dig-In) on the Gas System	Public Awareness (HP) (T1 - T4)	Local Public Officials (HP)	No	On-going	Annual	1	--	--	--	1	5	5	5	5	5
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION	Excavation Damage (Dig-In) on the Gas System	Public Awareness (HP) (T1 - T4)	The Affected Public (HP)	No	On-going	Annual	36	--	--	--	36	23	24	25	26	23
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION	Excavation Damage (Dig-In) on the Gas System	Public Awareness (MP) (T1 - T4)	Emergency Officials (MP)	No	On-going	Annual	1	--	--	--	1	3	3	3	3	3
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION	Excavation Damage (Dig-In) on the Gas System	Public Awareness (MP) (T1 - T4)	Excavators (MP)	No	On-going	Annual	4	--	--	--	4	23	24	25	26	23
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION	Excavation Damage (Dig-In) on the Gas System	Public Awareness (MP) (T1 - T4)	The Affected Public (MP)	No	On-going	Annual	174	--	--	--	174	122	124	130	134	122
O&M	**GAS SYSTEM STAFF & TECHNOLOGY**	**SubTotal DAMAGE PREVENTION**				**Yes**			**581**	**--**	**--**	**--**	**581**	**401**	**495**	**510**	**525**	**401**

SDG&E GAS SYSTEM STAFF & TECHNOLOGY O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference ($)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
O&M	**GAS SYSTEM STAFF & TECHNOLOGY**	**GAS SYSTEM STAFF & TECHNOLOGY**				**Yes**	**100**	**(495)**	**(510)**	**(525)**	**100**	**21%**	**-100%**	**-100%**	**-100%**	**21%**
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION	Non-RAMP	Non-RAMP	Non-RAMP	No	84	(280)	(290)	(296)	84	31%	-100%	-100%	-100%	31%
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION	Excavation Damage (Dig-In) on the Gas System	Outreach for Latent 3rd Party Damages (HP)	N/A	No	(1)	(1)	(1)	(1)	(1)	-100%	-100%	-100%	-100%	-100%
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION	Excavation Damage (Dig-In) on the Gas System	Outreach for Latent 3rd Party Damages (MP)	N/A	No	(2)	(3)	(3)	(3)	(2)	-71%	-100%	-100%	-100%	-71%
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION	Excavation Damage (Dig-In) on the Gas System	Public Awareness (HP) (T1 - T4)	Excavators (HP)	No	(5)	(6)	(6)	(6)	(5)	-86%	-100%	-100%	-100%	-86%
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION	Excavation Damage (Dig-In) on the Gas System	Public Awareness (MP) (T1 - T4)	Local Public Officials (MP)	No	(16)	(20)	(21)	(22)	(16)	-82%	-100%	-100%	-100%	-82%
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION	Excavation Damage (Dig-In) on the Gas System	Public Awareness (HP) (T1 - T4)	Emergency Officials (HP)	No	(1)	(1)	(1)	(1)	(1)	-100%	-100%	-100%	-100%	-100%
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION	Excavation Damage (Dig-In) on the Gas System	Public Awareness (HP) (T1 - T4)	Local Public Officials (HP)	No	(4)	(5)	(5)	(5)	(4)	-83%	-100%	-100%	-100%	-83%
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION	Excavation Damage (Dig-In) on the Gas System	Public Awareness (HP) (T1 - T4)	The Affected Public (HP)	No	13	(24)	(25)	(26)	13	57%	-100%	-100%	-100%	57%
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION	Excavation Damage (Dig-In) on the Gas System	Public Awareness (MP) (T1 - T4)	Emergency Officials (MP)	No	(2)	(3)	(3)	(3)	(2)	-71%	-100%	-100%	-100%	-71%
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION	Excavation Damage (Dig-In) on the Gas System	Public Awareness (MP) (T1 - T4)	Excavators (MP)	No	(19)	(24)	(25)	(26)	(19)	-81%	-100%	-100%	-100%	-81%
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION	Excavation Damage (Dig-In) on the Gas System	Public Awareness (MP) (T1 - T4)	The Affected Public (MP)	No	52	(126)	(130)	(134)	52	43%	-100%	-100%	-100%	43%
O&M	**GAS SYSTEM STAFF & TECHNOLOGY**	**Subtotal DAMAGE PREVENTION**				**Yes**	**100**	**(495)**	**(510)**	**(525)**	**100**	**21%**	**-100%**	**-100%**	**-100%**	**21%**

SDG&E GAS SYSTEM STAFF & TECHNOLOGY O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
O&M	GAS SYSTEM STAFF & TECHNOLOGY	GAS SYSTEM STAFF & TECHNOLOGY				Yes																					
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION	Non-RAMP	Non-RAMP	Non-RAMP	No	USA tickets	212,553				212,553	185,613				185,613	26,941	0	0	0	26,941	15 %	0 %	0%	0 %	15 %
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION	Excavation Damage (Dig-In) on the Gas System	Outreach for Latent 3rd Party Damages (HP)	N/A	No	This workpaper covers a range of activities such as one-call notifications, identifying potential hazards from accidental gas pipeline releases, recognizing physical signs of such releases, implementing safety measures, and reporting procedures. These activities collectively play a crucial role in maintaining the system integrity of SDG&E gas pipelines. Consequently, it is impractical to establish a single unit of measure for this workpaper.																
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION	Excavation Damage (Dig-In) on the Gas System	Outreach for Latent 3rd Party Damages (MP)	N/A	No	This workpaper covers a range of activities such as one-call notifications, identifying potential hazards from accidental gas pipeline releases, recognizing physical signs of such releases, implementing safety measures, and reporting procedures. These activities collectively play a crucial role in maintaining the system integrity of SDG&E gas pipelines. Consequently, it is impractical to establish a single unit of measure for this workpaper.																
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION	Excavation Damage (Dig-In) on the Gas System	Public Awareness (HP) (T1 - T4)	Evacuators (HP)	No	Communications sent	9,500				9,500	10,648				10,648	(1,142)	0	0	0	(1,142)	(11)%	0 %	0%	0 %	(11)%
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION	Excavation Damage (Dig-In) on the Gas System	Public Awareness (MP) (T1 - T4)	Local Public Officials (MP)	No	Communications sent	414				414	384				384	30	0	0	0	30	8 %	0 %	0%	0 %	8 %
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION	Excavation Damage (Dig-In) on the Gas System	Public Awareness (HP) (T1 - T4)	Emergency Officials (HP)	No	Communications sent	248				248	100				100	148	0	0	0	148	148 %	0 %	0%	0 %	148 %
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION	Excavation Damage (Dig-In) on the Gas System	Public Awareness (HP) (T1 - T4)	Local Public Officials (HP)	No	Communications sent	95				95	88				88	7	0	0	0	7	8 %	0 %	0%	0 %	8 %
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION	Excavation Damage (Dig-In) on the Gas System	Public Awareness (HP) (T1 - T4)	The Affected Public (HP)	No	Communications sent	388,816				388,816	362,443				362,443	26,373	0	0	0	26,373	7 %	0 %	0%	0 %	7 %
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION	Excavation Damage (Dig-In) on the Gas System	Public Awareness (MP) (T1 - T4)	Emergency Officials (MP)	No	Communications sent	238				238	440				440	(202)	0	0	0	(202)	(46)%	0 %	0%	0 %	(46)%
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION	Excavation Damage (Dig-In) on the Gas System	Public Awareness (MP) (T1 - T4)	Evacuators (MP)	No	Communications sent	41,330				41,330	46,720				46,720	(5,390)	0	0	0	(5,390)	(12)%	0 %	0%	0 %	(12)%
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION	Excavation Damage (Dig-In) on the Gas System	Public Awareness (MP) (T1 - T4)	The Affected Public (MP)	No	Communications sent	1,690,503				1,690,503	1,590,214				1,590,214	100,289	0	0	0	101,028.9	6 %	0 %	0%	0 %	6 %
O&M	GAS SYSTEM STAFF & TECHNOLOGY	Subtotal DAMAGE PREVENTION				Yes																					

SDG&E GAS SYSTEM STAFF & TECHNOLOGY O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Safety, Reliability, or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status	Status Variance Explanation Required?
O&M	GAS SYSTEM STAFF & TECHNOLOGY	GAS SYSTEM STAFF & TECHNOLOGY				Yes										
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	Under (U)	Under (U)	Under (U)	Proceeding as Planned	NO
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION	Excavation Damage (Dig-In) on the Gas System	Outreach for Latent 3rd Party Damages (HP)	N/A	No	YES	NO	NO	N/A	N/A	Under (U)	Under (U)	Under (U)	Other	YES
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION	Excavation Damage (Dig-In) on the Gas System	Outreach for Latent 3rd Party Damages (MP)	N/A	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION	Excavation Damage (Dig-In) on the Gas System	Public Awareness (HP) (T1 - T4)	Excavators (HP)	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION	Excavation Damage (Dig-In) on the Gas System	Public Awareness (MP) (T1 - T4)	Local Public Officials (MP)	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION	Excavation Damage (Dig-In) on the Gas System	Public Awareness (HP) (T1 - T4)	Emergency Officials (HP)	No	YES	NO	YES	N/A	The number of communications sent to emergency officials fluctuates annually, depending on the necessary notifications. These alerts are vital for keeping emergency officials informed about potential risks or incidents related to SDG&E's infrastructure. They encompass information about excavation activities, safety protocols, and any immediate threats to the pipelines. The frequency of communications varies among officials, influenced by their awareness and understanding of the different programs within the damage prevention initiatives.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	YES
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION	Excavation Damage (Dig-In) on the Gas System	Public Awareness (HP) (T1 - T4)	Local Public Officials (HP)	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION	Excavation Damage (Dig-In) on the Gas System	Public Awareness (HP) (T1 - T4)	The Affected Public (HP)	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION	Excavation Damage (Dig-In) on the Gas System	Public Awareness (MP) (T1 - T4)	Emergency Officials (MP)	No	YES	NO	YES	N/A	The number of communications sent to emergency officials fluctuates annually, depending on the necessary notifications. These alerts are vital for keeping emergency officials informed about potential risks or incidents related to SDG&E's infrastructure. They encompass information about excavation activities, safety protocols, and any immediate threats to the pipelines. The frequency of communications varies among officials, influenced by their awareness and understanding of the different programs within the damage prevention initiatives.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION	Excavation Damage (Dig-In) on the Gas System	Public Awareness (MP) (T1 - T4)	Excavators (MP)	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION	Excavation Damage (Dig-In) on the Gas System	Public Awareness (MP) (T1 - T4)	The Affected Public (MP)	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**GAS SYSTEM STAFF & TECHNOLOGY**	**Subtotal DAMAGE PREVENTION**				**Yes**	**YES**	**NO**								**NO**

SDG&E GAS SYSTEM STAFF & TECHNOLOGY O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Status Variance Explanation	WP Activity Description	2024 GRC Testimony Location
O&M	GAS SYSTEM STAFF & TECHNOLOGY	GAS SYSTEM STAFF & TECHNOLOGY				Yes			
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION	Excavation Damage (Dig-In) on the Gas System	Outreach for Latent 3rd Party Damages (HP)	N/A	No	In 2024, there were no third-party damages to high-pressure (HP) pipelines. As a result, no outreach efforts were necessary.		
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION	Excavation Damage (Dig-In) on the Gas System	Outreach for Latent 3rd Party Damages (MP)	N/A	No	N/A		
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION	Excavation Damage (Dig-In) on the Gas System	Public Awareness (HP) (T1 - T4)	Excavators (HP)	No	N/A		
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION	Excavation Damage (Dig-In) on the Gas System	Public Awareness (MP) (T1 - T4)	Local Public Officials (MP)	No	N/A		
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION	Excavation Damage (Dig-In) on the Gas System	Public Awareness (HP) (T1 - T4)	Emergency Officials (HP)	No	The frequency of communications varies among officials, depending on their awareness and understanding of the different programs within the damage prevention initiatives. All notifications and alerts were sent to emergency officials as required or requested.	SDG&E has developed and implemented a federally mandated Public Awareness program, as prescribed in 49 CFR 192.616. The Public Awareness program contributes to enhanced public safety by providing certain risk mitigation measures. In adopting these Public Awareness program requirements, the Pipeline and Hazardous Materials Safety Administration (PHMSA) determined that "effective public awareness programs are vital to continued safe pipeline Operations" and that "such programs are an important factor in establishing communications with affected stakeholders, providing information necessary to enhance public awareness of pipelines, and communicating stakeholder roles relative to pipeline safety. " The federal regulations dictating the implementation of this program specifically require that the program include activities to educate the public, appropriate government organizations, and persons engaged in excavation-related activities regarding: (1) Use of the one-call notification system prior to excavation and other damage prevention activities; (2) possible hazards associated with unintended release from a gas pipeline facility; (3) Physical indications that such a release may have occurred; (4) steps that should be taken for public safety in the event of a gas pipeline release; and (5) procedures for reporting such an event.	SDG&E-05 WR-9 to WR-20 WP ISDH1.000
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION	Excavation Damage (Dig-In) on the Gas System	Public Awareness (HP) (T1 - T4)	Local Public Officials (HP)	No	N/A		
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION	Excavation Damage (Dig-In) on the Gas System	Public Awareness (HP) (T1 - T4)	The Affected Public (HP)	No	N/A		
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION	Excavation Damage (Dig-In) on the Gas System	Public Awareness (MP) (T1 - T4)	Emergency Officials (MP)	No	N/A	SDG&E has developed and implemented a federally mandated Public Awareness program , as prescribed in 49 CFR 192.616. The Public Awareness program contributes to enhanced public safety by providing certain risk mitigation measures. In adopting these Public Awareness program requirements, the Pipeline and Hazardous Materials Safety Administration (PHMSA) determined that "effective public awareness programs are vital to continued safe pipeline Operations" and that "such programs are an important factor in establishing communications with affected stakeholders, providing information necessary to enhance public awareness of pipelines, and communicating stakeholder roles relative to pipeline safety. " The federal regulations dictating the implementation of this program specifically require that the program include activities to educate the public, appropriate government organizations, and persons engaged in excavation-related activities regarding: (1) Use of the one-call notification system prior to excavation and other damage prevention activities; (2) possible hazards associated with unintended release from a gas pipeline facility; (3) Physical indications that such a release may have occurred; (4) steps that should be taken for public safety in the event of a gas pipeline release; and (5) procedures for reporting such an event.	SDG&E-05 WR-9 to WR-20 WP ISDH1.000
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION	Excavation Damage (Dig-In) on the Gas System	Public Awareness (MP) (T1 - T4)	Excavators (MP)	No	N/A		
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION	Excavation Damage (Dig-In) on the Gas System	Public Awareness (MP) (T1 - T4)	The Affected Public (MP)	No	N/A		
O&M	**GAS SYSTEM STAFF & TECHNOLOGY**	**Subtotal DAMAGE PREVENTION**				**Yes**			

SDG&E CUSTOMER SERVICES - FIELD OPERATIONS O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date ($)
O&M	CUSTOMER SERVICES - FIELD OPERATIONS	CUSTOMER SERVICES - FIELD OPERATIONS				Yes			40,552	---	---	---	40,552	35,839	36,976	38,085	39,228	35,839
O&M	CS - FIELD OPERATIONS	CUSTOMER FIELD OPERATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	Ongoing	Annual	7,183	---	---	---	7,183	5,591	5,759	5,932	6,110	5,591
O&M	CS - FIELD OPERATIONS	CUSTOMER FIELD OPERATIONS	Incident Involving an Employee	Employee Behavioral Accident Prevention Process Program	Overall	No	Ongoing	Annual	327	---	---	---	327	265	273	281	289	265
O&M	CS - FIELD OPERATIONS	CUSTOMER FIELD OPERATIONS	Incident Involving an Employee	Personal Protective Equipment	N/A	No	Ongoing	Annual	94	---	---	---	94	99	102	105	108	99
O&M	CS - FIELD OPERATIONS	CUSTOMER FIELD OPERATIONS	Incident Related to the Medium Pressure System (Excluding Dig-in)	Field and Public Safety	Meter and Beyond the Meter	No	Ongoing	Annual	12,231	---	---	---	12,231	11,972	12,331	12,701	13,083	11,972
O&M	**CS - FIELD OPERATIONS**	**SubTotal CUSTOMER FIELD OPERATIONS**				**Yes**			**19,835**	**---**	**---**	**---**	**19,835**	**17,927**	**18,465**	**19,019**	**19,590**	**17,927**
O&M	CS - FIELD OPERATIONS	CUSTOMER FIELD OPERATIONS SUPERVISION	Non-RAMP	Non-RAMP	Non-RAMP	No	Ongoing	Annual	1,530	---	---	---	1,530	1,335	1,375	1,416	1,458	1,335
O&M	**CS - FIELD OPERATIONS**	**SubTotal CUSTOMER FIELD OPERATIONS SUPERVISION**				**Yes**			**1,530**	**---**	**---**	**---**	**1,530**	**1,335**	**1,375**	**1,416**	**1,458**	**1,335**
O&M	CS - FIELD OPERATIONS	CUSTOMER FIELD OPERATIONS SUPPORT	Non-RAMP	Non-RAMP	Non-RAMP	No	Ongoing	Annual	4,298	---	---	---	4,298	3,231	3,328	3,428	3,531	3,231
O&M	CS - FIELD OPERATIONS	CUSTOMER FIELD OPERATIONS SUPPORT	Incident Related to the Medium Pressure System (Excluding Dig-in)	CSF Quality Assurance (QA) Program	Meter and Beyond the Meter	No	Ongoing	Annual	287	---	---	---	287	283	291	300	309	283
O&M	**CS - FIELD OPERATIONS**	**SubTotal CUSTOMER FIELD OPERATIONS SUPPORT**				**Yes**			**4,585**	**---**	**---**	**---**	**4,585**	**3,514**	**3,619**	**3,728**	**3,840**	**3,514**
O&M	CS - FIELD OPERATIONS	SMART METER OPERATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	Ongoing	Annual	10,980	---	---	---	10,980	9,258	9,536	9,822	10,117	9,258
O&M	CS - FIELD OPERATIONS	SMART METER OPERATIONS	Incident Involving an Employee	Employee Behavioral Accident Prevention Process Program	Overall	No	Ongoing	Annual	162	---	---	---	162	126	130	134	138	126
O&M	CS - FIELD OPERATIONS	SMART METER OPERATIONS	Incident Involving an Employee	Personal Protective Equipment	N/A	No	Ongoing	Annual	48	---	---	---	48	39	40	41	42	39
O&M	**CS - FIELD OPERATIONS**	**SubTotal SMART METER OPERATIONS**				**Yes**			**11,190**	**---**	**---**	**---**	**11,190**	**9,423**	**9,706**	**9,997**	**10,297**	**9,423**
O&M	CS - FIELD OPERATIONS	WORK MANAGEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	Ongoing	Annual	3,412	---	---	---	3,412	3,700	3,811	3,925	4,043	3,700
O&M	**CS - FIELD OPERATIONS**	**SubTotal WORK MANAGEMENT**				**Yes**			**3,412**	**---**	**---**	**---**	**3,412**	**3,700**	**3,811**	**3,925**	**4,043**	**3,700**

SDG&E CUSTOMER SERVICES - FIELD OPERATIONS O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference ($)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
O&M	CUSTOMER SERVICES - FIELD OPERATIONS	CUSTOMER SERVICES - FIELD OPERATIONS				Yes	4,653	(16,976)	(30,085)	(39,228)	4,653	13%	-100%	-100%	-100%	13%
O&M	CS - FIELD OPERATIONS	CUSTOMER FIELD OPERATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	1,592	(5,759)	(5,912)	(6,110)	1,592	28%	-100%	-100%	-100%	28%
O&M	CS - FIELD OPERATIONS	CUSTOMER FIELD OPERATIONS	Incident Involving an Employee	Employee Behavioral Accident Prevention Process Program	Overall	No	62	(273)	(281)	(289)	62	24%	-100%	-100%	-100%	24%
O&M	CS - FIELD OPERATIONS	CUSTOMER FIELD OPERATIONS	Incident Involving an Employee	Personal Protective Equipment	N/A	No	(5)	(102)	(105)	(108)	(5)	-5%	-100%	-100%	-100%	-5%
O&M	CS - FIELD OPERATIONS	CUSTOMER FIELD OPERATIONS	Incident Related to the Medium Pressure System (Excluding Dig-in)	Field and Public Safety	Meter and Beyond the Meter	No	259	(12,331)	(12,701)	(13,083)	259	2%	-100%	-100%	-100%	2%
O&M	**CS - FIELD OPERATIONS**	**SubTotal CUSTOMER FIELD OPERATIONS**				**Yes**	**1,908**	**(18,465)**	**(19,019)**	**(19,590)**	**1,908**	**11%**	**-100%**	**-100%**	**-100%**	**11%**
O&M	CS - FIELD OPERATIONS	CUSTOMER FIELD OPERATIONS SUPERVISION	Non-RAMP	Non-RAMP	Non-RAMP	No	195	(1,375)	(1,416)	(1,458)	195	15%	-100%	-100%	-100%	15%
O&M	**CS - FIELD OPERATIONS**	**SubTotal CUSTOMER FIELD OPERATIONS SUPERVISION**				**Yes**	**195**	**(1,375)**	**(1,416)**	**(1,458)**	**195**	**15%**	**-100%**	**-100%**	**-100%**	**15%**
O&M	CS - FIELD OPERATIONS	CUSTOMER FIELD OPERATIONS SUPPORT	Non-RAMP	Non-RAMP	Non-RAMP	No	1,067	(3,328)	(3,428)	(3,531)	1,067	33%	-100%	-100%	-100%	33%
O&M	CS - FIELD OPERATIONS	CUSTOMER FIELD OPERATIONS SUPPORT	Incident Related to the Medium Pressure System (Excluding Dig-in)	CSF Quality Assurance (QA) Program	Meter and Beyond the Meter	No	4	(291)	(300)	(309)	4	1%	-100%	-100%	-100%	1%
O&M	**CS - FIELD OPERATIONS**	**SubTotal CUSTOMER FIELD OPERATIONS SUPPORT**				**Yes**	**1,071**	**(3,619)**	**(3,728)**	**(3,840)**	**1,071**	**30%**	**-100%**	**-100%**	**-100%**	**30%**
O&M	CS - FIELD OPERATIONS	SMART METER OPERATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	1,722	(9,536)	(9,822)	(10,117)	1,722	19%	-100%	-100%	-100%	19%
O&M	CS - FIELD OPERATIONS	SMART METER OPERATIONS	Incident Involving an Employee	Employee Behavioral Accident Prevention Process Program	Overall	No	36	(130)	(134)	(138)	36	28%	-100%	-100%	-100%	28%
O&M	CS - FIELD OPERATIONS	SMART METER OPERATIONS	Incident Involving an Employee	Personal Protective Equipment	N/A	No	9	(40)	(41)	(42)	9	23%	-100%	-100%	-100%	23%
O&M	**CS - FIELD OPERATIONS**	**SubTotal SMART METER OPERATIONS**				**Yes**	**1,767**	**(9,706)**	**(9,997)**	**(10,297)**	**1,767**	**19%**	**-100%**	**-100%**	**-100%**	**19%**
O&M	CS - FIELD OPERATIONS	WORK MANAGEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	(268)	(3,811)	(3,925)	(4,043)	(268)	-8%	-100%	-100%	-100%	-8%
O&M	**CS - FIELD OPERATIONS**	**SubTotal WORK MANAGEMENT**				**Yes**	**(268)**	**(3,811)**	**(3,925)**	**(4,043)**	**(268)**	**-8%**	**-100%**	**-100%**	**-100%**	**-8%**

SDG&E CUSTOMER SERVICES - FIELD OPERATIONS O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
O&M	**CUSTOMER SERVICES - FIELD OPERATIONS**	**CUSTOMER SERVICES - FIELD OPERATIONS**				**Yes**																					
O&M	CS - FIELD OPERATIONS	CUSTOMER FIELD OPERATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	Non-RAMP Orders	122,022				122,022	107,469				107,469	14,553	0	0	0	14,553	14%	0%	0%	0%	14%
O&M	CS - FIELD OPERATIONS	CUSTOMER FIELD OPERATIONS	Incident Involving an Employee	Employee Behavioral Accident Prevention Process Program	Overall	No	Job Observations	1,973				1,973	1,041				1,041	932	0	0	0	932	90%	0%	0%	0%	90%
O&M	CS - FIELD OPERATIONS	CUSTOMER FIELD OPERATIONS	Incident Involving an Employee	Personal Protective Equipment	N/A	No	Technician FTE	149				149	140				140	9	0	0	0	9	6%	0%	0%	0%	6%
O&M	CS - FIELD OPERATIONS	CUSTOMER FIELD OPERATIONS	Incident Related to the Medium Pressure System (Excluding Dig-in)	Field and Public Safety	Meter and Beyond the Meter	No	RAMP Orders	107,160				107,160	136,025				136,025	(28,865)	0	0	0	(28,865)	(21)%	0%	0%	0%	(21)%
O&M	**CS - FIELD OPERATIONS**	**SubTotal CUSTOMER FIELD OPERATIONS**				**Yes**																					
O&M	CS - FIELD OPERATIONS	CUSTOMER FIELD OPERATIONS SUPERVISION	Non-RAMP	Non-RAMP	Non-RAMP	No	Supervisor FTE	11				11	10				10	1	0	0	0	1	13%	0%	0%	0%	13%
O&M	**CS - FIELD OPERATIONS**	**SubTotal CUSTOMER FIELD OPERATIONS SUPERVISION**				**Yes**																					
O&M	CS - FIELD OPERATIONS	CUSTOMER FIELD OPERATIONS SUPPORT	Non-RAMP	Non-RAMP	Non-RAMP	No	Support FTE	29				29	26				26	3	0	0	0	3	11%	0%	0%	0%	11%
O&M	CS - FIELD OPERATIONS	CUSTOMER FIELD OPERATIONS SUPPORT	Incident Related to the Medium Pressure System (Excluding Dig-in)	CSF Quality Assurance (QA) Program	Meter and Beyond the Meter	No	QA Inspections	1,856				1,856	1,001				1,001	855	0	0	0	855	85%	0%	0%	0%	85%
O&M	**CS - FIELD OPERATIONS**	**SubTotal CUSTOMER FIELD OPERATIONS SUPPORT**				**Yes**																					
O&M	CS - FIELD OPERATIONS	SMART METER OPERATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	Orders	59,733				59,733	47,737				47,737	11,996	0	0	0	11,996	25%	0%	0%	0%	25%
O&M	CS - FIELD OPERATIONS	SMART METER OPERATIONS	Incident Involving an Employee	Employee Behavioral Accident Prevention Process Program	Overall	No	Job Observations	613				613	612				612	1	0	0	0	1	0%	0%	0%	0%	0%
O&M	CS - FIELD OPERATIONS	SMART METER OPERATIONS	Incident Involving an Employee	Personal Protective Equipment	N/A	No	Technician FTE	56				56	42				42	14	0	0	0	14	32%	0%	0%	0%	32%
O&M	**CS - FIELD OPERATIONS**	**SubTotal SMART METER OPERATIONS**				**Yes**																					
O&M	CS - FIELD OPERATIONS	WORK MANAGEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	Work Management FTE	25				25	29				29	(4)	0	0	0	(4)	(14)%	0%	0%	0%	(14)%
O&M	**CS - FIELD OPERATIONS**	**SubTotal WORK MANAGEMENT**				**Yes**																					

SDG&E CUSTOMER SERVICES - FIELD OPERATIONS O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Safety, Reliability, or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status	Status Variance Explanation Required?
O&M	**CUSTOMER SERVICES - FIELD OPERATIONS**	**CUSTOMER SERVICES - FIELD OPERATIONS**				**Yes**										
O&M	CS - FIELD OPERATIONS	CUSTOMER FIELD OPERATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	CS - FIELD OPERATIONS	CUSTOMER FIELD OPERATIONS	Incident Involving an Employee	Employee Behavioral Accident Prevention Process Program	Overall	No	YES	NO	YES	N/A	Higher than authorized 6-year average (2017-2022) job observations were realized as part of SDG&E's continued efforts to enhance safety engagement with field employees primarily through the following actions: (1) consistent scheduling to ensure observations are performed; (2) continually improving the contact rate with each employee by having regularly occurring peer to peer observations in all districts; and (3) performing full-scale observations of both vehicle parking/driving skills and technical field activities.	Over (O)	Over (O)	On Target (T)	Proceeding as Planned	NO
O&M	CS - FIELD OPERATIONS	CUSTOMER FIELD OPERATIONS	Incident Involving an Employee	Personal Protective Equipment	N/A	No	YES	NO	NO	N/A	N/A	Over (O)	Over (O)	On Target (T)	Proceeding as Planned	NO
O&M	CS - FIELD OPERATIONS	CUSTOMER FIELD OPERATIONS	Incident Related to the Medium Pressure System (Excluding Dig-in)	Field and Public Safety	Meter and Beyond the Meter	No	YES	NO	YES	N/A	Lower than authorized 6-year average (2017-2022) RAMP orders due to less customer generated service orders and fewer emergencies. Hazardous orders were reclassified as non-hazardous such as when customer smells gas when appliance is off. There were also fewer seasonal light-up orders due to cancellation of multiple pilot lighting programs. In addition, workforce capacity shifted to non-RAMP activities such as increased gas module replacements and meter reads to address gas module non-communication.	Under (U)	Under (U)	On Target (T)	Proceeding as Planned	NO
O&M	**CS - FIELD OPERATIONS**	**SubTotal CUSTOMER FIELD OPERATIONS**				**Yes**	**YES**	**NO**								**NO**
O&M	CS - FIELD OPERATIONS	CUSTOMER FIELD OPERATIONS SUPERVISION	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**CS - FIELD OPERATIONS**	**SubTotal CUSTOMER FIELD OPERATIONS SUPERVISION**				**Yes**	**YES**	**NO**								**NO**
O&M	CS - FIELD OPERATIONS	CUSTOMER FIELD OPERATIONS SUPPORT	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	CS - FIELD OPERATIONS	CUSTOMER FIELD OPERATIONS SUPPORT	Incident Related to the Medium Pressure System (Excluding Dig-in)	CSF Quality Assurance (QA) Program	Meter and Beyond the Meter	No	YES	NO	YES	N/A	Higher than authorized 6-year average (2017-2022) QA inspections due to resumption of regular work after the pandemic. During the period of 2020-2022, the QA process was completely halted and only resumed in a minimal capacity with meter-only inspections. This significantly affected the overall inspection count and average for those years.	Over (O)	Over (O)	On Target (T)	Proceeding as Planned	NO
O&M	**CS - FIELD OPERATIONS**	**SubTotal CUSTOMER FIELD OPERATIONS SUPPORT**				**Yes**	**YES**	**NO**								**NO**
O&M	CS - FIELD OPERATIONS	SMART METER OPERATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	YES	N/A	Higher than authorized 6-year average (2017-2022) orders completed primarily driven by more electric meter changeouts due to non-communicating meters.	Over (O)	Over (O)	On Target (T)	Proceeding as Planned	NO
O&M	CS - FIELD OPERATIONS	SMART METER OPERATIONS	Incident Involving an Employee	Employee Behavioral Accident Prevention Process Program	Overall	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	CS - FIELD OPERATIONS	SMART METER OPERATIONS	Incident Involving an Employee	Personal Protective Equipment	N/A	No	YES	NO	YES	N/A	Additional personal protective equipment needed to equip more field technicians than 6-year average (2017-2022) authorized due to increased workload caused by non-communicating meters.	Over (O)	Over (O)	On Target (T)	Proceeding as Planned	NO
O&M	**CS - FIELD OPERATIONS**	**SubTotal SMART METER OPERATIONS**				**Yes**	**YES**	**NO**								**NO**
O&M	CS - FIELD OPERATIONS	WORK MANAGEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**CS - FIELD OPERATIONS**	**SubTotal WORK MANAGEMENT**				**Yes**	**YES**	**NO**								**NO**

SDG&E CUSTOMER SERVICES - FIELD OPERATIONS O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Status Variance Explanation	WP Activity Description	2024 GRC Testimony Location
O&M	**CUSTOMER SERVICES - FIELD OPERATIONS**	**CUSTOMER SERVICES - FIELD OPERATIONS**				**Yes**			
O&M	CS - FIELD OPERATIONS	CUSTOMER FIELD OPERATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
O&M	CS - FIELD OPERATIONS	CUSTOMER FIELD OPERATIONS	Incident Involving an Employee	Employee Behavioral Accident Prevention Process Program	Overall	No	N/A	The Customer Field Operations cost category consists of labor and non-labor costs for field technicians to provide service at customer premises, including both customer and company generated work orders. Examples of customer-generated work orders include requests to establish/remove gas and electric service, light gas pilots, check gas appliances, shut off and restore gas service for fumigation, investigate the potential causes of high bills, respond to emergency incidents, investigate potential gas leaks, and other services. Examples of company generated work include meter and regulator changes, and other meter work necessary to maintain company assets, and collecting customer payments for delinquent bills.	SDG&E-17-R DIFT-13 to DIFT-20 WP 1FC001.000
O&M	CS - FIELD OPERATIONS	CUSTOMER FIELD OPERATIONS	Incident Involving an Employee	Personal Protective Equipment	N/A	No	N/A		
O&M	CS - FIELD OPERATIONS	CUSTOMER FIELD OPERATIONS	Incident Related to the Medium Pressure System (Excluding Dig-in)	Field and Public Safety	Meter and Beyond the Meter	No	N/A	The Customer Field Operations cost category consists of labor and non-labor costs for field technicians to provide service at customer premises, including both customer and company generated work orders. Examples of customer-generated work orders include requests to establish/remove gas and electric service, light gas pilots, check gas appliances, shut off and restore gas service for fumigation, investigate the potential causes of high bills, respond to emergency incidents, investigate potential gas leaks, and other services. Examples of company generated work include meter and regulator changes, and other meter work necessary to maintain company assets, and collecting customer payments for delinquent bills.	SDG&E-17-R DIFT-13 to DIFT-20 WP 1FC001.000
O&M	**CS - FIELD OPERATIONS**	**SubTotal CUSTOMER FIELD OPERATIONS**				**Yes**			
O&M	CS - FIELD OPERATIONS	CUSTOMER FIELD OPERATIONS SUPERVISION	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
O&M	**CS - FIELD OPERATIONS**	**SubTotal CUSTOMER FIELD OPERATIONS SUPERVISION**				**Yes**			
O&M	CS - FIELD OPERATIONS	CUSTOMER FIELD OPERATIONS SUPPORT	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
O&M	CS - FIELD OPERATIONS	CUSTOMER FIELD OPERATIONS SUPPORT	Incident Related to the Medium Pressure System (Excluding Dig-in)	CSF Quality Assurance (QA) Program	Meter and Beyond the Meter	No	N/A	The Customer Field Operations Support cost category consists of labor and non-labor costs for centralized training including classroom and field instructors and training manager; quality assurance (QA) inspectors and QA supervisor who inspect the work of technicians; operations clerks at each field operating district responsible for supporting the field operations; Area Managers who oversee the day-to-day activities of each field operating district; a Meter Access group that manages any difficulty field technicians experience gaining safe access to meters at customers' premises; a Safety, Compliance and Regulatory group who oversee critical safety and compliance endeavors; Field Operations Strategy and Analytics group responsible for operations reporting and analytics leveraging business intelligence; Customer Service Technical Advisors to provide internal and external technical support and guidance to ensure compliance with SDG&E Service Standards; and Director and Vice President of Customer Operations. Also included is Field Service Delivery, an initiative to modernize delivery of customer services in the field while enhancing safety and employee engagement.	SDG&E-17-R DIFT-25 to DIFT-29 WP 1FC004.000
O&M	**CS - FIELD OPERATIONS**	**SubTotal CUSTOMER FIELD OPERATIONS SUPPORT**				**Yes**			
O&M	CS - FIELD OPERATIONS	SMART METER OPERATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A	The Smart Meter Operations cost category consists of labor and non-labor costs for Electric Metering Operations, Quality Assurance & Training, Network Operations, Electric Metering Engineering, Smart Meter Field Services and the Smart Meter Capital Program Team responsible for on-premise advanced metering customer service, customer inquiry investigations, customer metering problem remediation, and end-to-end management of the smart metering system, which includes field networking infrastructure, the metering head-end system, and integrations with the meter data management system. Collectively, the organizations are critical to enable accurate and timely bills for all of SDG&E's metered customers, covering San Diego County and South Orange County and also responsible for meter data acquisition utilized by the operations and engineering organizations to enhance safety and reliability.	SDG&E-17-R DIFT-30 to DIFT-40 WP 1FC005.000
O&M	CS - FIELD OPERATIONS	SMART METER OPERATIONS	Incident Involving an Employee	Employee Behavioral Accident Prevention Process Program	Overall	No	N/A		
O&M	CS - FIELD OPERATIONS	SMART METER OPERATIONS	Incident Involving an Employee	Personal Protective Equipment	N/A	No	N/A	The Smart Meter Operations cost category consists of labor and non-labor costs for Electric Metering Operations, Quality Assurance & Training, Network Operations, Electric Metering Engineering, Smart Meter Field Services and the Smart Meter Capital Program Team responsible for on-premise advanced metering customer service, customer inquiry investigations, customer metering problem remediation, and end-to-end management of the smart metering system, which includes field networking infrastructure, the metering head-end system, and integrations with the meter data management system. Collectively, the organizations are critical to enable accurate and timely bills for all of SDG&E's metered customers, covering San Diego County and South Orange County and also responsible for meter data acquisition utilized by the operations and engineering organizations to enhance safety and reliability.	SDG&E-17-R DIFT-30 to DIFT-40 WP 1FC005.000
O&M	**CS - FIELD OPERATIONS**	**SubTotal SMART METER OPERATIONS**				**Yes**			
O&M	CS - FIELD OPERATIONS	WORK MANAGEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
O&M	**CS - FIELD OPERATIONS**	**SubTotal WORK MANAGEMENT**				**Yes**			

SDG&E CUSTOMER SERVICES - INFORMATION O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date ($)
O&M	CUSTOMER SERVICE-INFORMATION	CUSTOMER SERVICES - INFORMATION				Yes			17,607	---	---	---	17,607	25,709	26,480	27,274	28,093	25,709
O&M	CS - INFORMATION	CUSTOMER PRICING, LOAD RESEARCH, ANALYSIS, AND FORECASTING	Non-RAMP	Non-RAMP	Non-RAMP	No			4,091	---	---	---	4,091	4,573	4,710	4,851	4,997	4,573
O&M	CS - INFORMATION	**Sub-Total CUSTOMER PRICING, LOAD RESEARCH, ANALYSIS, AND FORECASTING**				Yes			**4,091**	---	---	---	**4,091**	**4,573**	**4,710**	**4,851**	**4,997**	**4,573**
O&M	CS - INFORMATION	CUSTOMER PROGRAMS AND BUSINESS SERVICES	Non-RAMP	Non-RAMP	Non-RAMP	No			4,818	---	---	---	4,818	6,505	6,700	6,901	7,108	6,505
O&M	CS - INFORMATION	**Sub-Total CUSTOMER PROGRAMS AND BUSINESS SERVICES**				Yes			**4,818**	---	---	---	**4,818**	**6,505**	**6,700**	**6,901**	**7,108**	**6,505**
O&M	CS - INFORMATION	MARKETING, COMMUNICATIONS, RESEARCH AND ANALYTICS	Non-RAMP	Non-RAMP	Non-RAMP	No			6,769	---	---	---	6,769	9,359	9,640	9,929	10,227	9,359
O&M	CS - INFORMATION	**Sub-Total MARKETING, COMMUNICATIONS, RESEARCH AND ANALYTICS**				Yes			**6,769**	---	---	---	**6,769**	**9,359**	**9,640**	**9,929**	**10,227**	**9,359**
O&M	CS - INFORMATION	RAMP - NATURAL GAS APPLIANCE TESTING (NGAT)	Incident Related to the Medium Pressure System (Excluding Dig-in)	RAMP Natural Gas Appliance Testing (NGAT)	Meter and Beyond the Meter	No	On-going	Annual	301	---	---	---	301	713	734	756	779	713
O&M	CS - INFORMATION	**Sub-Total RAMP - NATURAL GAS APPLIANCE TESTING (NGAT)**				Yes			**301**	---	---	---	**301**	**713**	**734**	**756**	**779**	**713**
O&M	CS - INFORMATION	RAMP - SAFETY COMMUNICATIONS	Customer and Public Safety – Contact with Electric Facilities	RAMP General Safety Communications	Overall	No	On-going	Annual	395	---	---	---	395	1,767	1,820	1,875	1,931	1,767
O&M	CS - INFORMATION	RAMP - SAFETY COMMUNICATIONS	Incident Related to the Medium Pressure System (Excluding Dig-in)	RAMP Gas Public Safety Communications	Overall	No	On-going	Annual	424	---	---	---	424	2,792	2,876	2,962	3,051	2,792
O&M	CS - INFORMATION	**Sub-Total RAMP - SAFETY COMMUNICATIONS**				Yes			**820**	---	---	---	**820**	**4,559**	**4,696**	**4,837**	**4,982**	**4,559**

SDG&E CUSTOMER SERVICES - INFORMATION O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference ($)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
O&M	CUSTOMER SERVICES - INFORMATION	CUSTOMER SERVICES - INFORMATION				Yes	(8,102)	(24,489)	(27,371)	(24,093)	(8,102)	-32%	-100%	-100%	-100%	-32%
O&M	CS - INFORMATION	CUSTOMER PRICING, LOAD RESEARCH, ANALYSIS, AND FORECASTING	Non-RAMP	Non-RAMP	Non-RAMP	No	326	(4,710)	(4,851)	(4,997)	326	7%	-100%	-100%	-100%	7%
O&M	CS - INFORMATION	**Sub-Total CUSTOMER PRICING, LOAD RESEARCH, ANALYSIS, AND FORECASTING**				Yes	326	(4,710)	(4,851)	(4,997)	326	7%	-100%	-100%	-100%	7%
O&M	CS - INFORMATION	CUSTOMER PROGRAMS AND BUSINESS SERVICES	Non-RAMP	Non-RAMP	Non-RAMP	No	(1,687)	(6,700)	(6,901)	(7,108)	(1,687)	-26%	-100%	-100%	-100%	-26%
O&M	CS - INFORMATION	**Sub-Total CUSTOMER PROGRAMS AND BUSINESS SERVICES**				Yes	(1,687)	(6,700)	(6,901)	(7,108)	(1,687)	-26%	-100%	-100%	-100%	-26%
O&M	CS - INFORMATION	MARKETING, COMMUNICATIONS, RESEARCH AND ANALYTICS	Non-RAMP	Non-RAMP	Non-RAMP	No	(2,500)	(9,640)	(9,929)	(10,227)	(2,500)	-28%	-100%	-100%	-100%	-28%
O&M	CS - INFORMATION	**Sub-Total MARKETING, COMMUNICATIONS, RESEARCH AND ANALYTICS**				Yes	(2,500)	(9,640)	(9,929)	(10,227)	(2,500)	-28%	-100%	-100%	-100%	-28%
O&M	CS - INFORMATION	RAMP - NATURAL GAS APPLIANCE TESTING (NGAT)	Incident Related to the Medium Pressure System (Excluding Dig-in)	RAMP Natural Gas Appliance Testing (NGAT)	Meter and Beyond the Meter	No	(412)	(734)	(756)	(779)	(412)	-58%	-100%	-100%	-100%	-58%
O&M	CS - INFORMATION	**Sub-Total RAMP - NATURAL GAS APPLIANCE TESTING (NGAT)**				Yes	(412)	(734)	(756)	(779)	(412)	-58%	-100%	-100%	-100%	-58%
O&M	CS - INFORMATION	RAMP - SAFETY COMMUNICATIONS	Customer and Public Safety – Contact with Electric Facilities	RAMP General Safety Communications	Overall	No	(1,372)	(1,820)	(1,875)	(1,931)	(1,372)	-78%	-100%	-100%	-100%	-78%
O&M	CS - INFORMATION	RAMP - SAFETY COMMUNICATIONS	Incident Related to the Medium Pressure System (Excluding Dig-in)	RAMP Gas Public Safety Communications	Overall	No	(2,368)	(2,876)	(2,962)	(3,051)	(2,368)	-85%	-100%	-100%	-100%	-85%
O&M	CS - INFORMATION	**Sub-Total RAMP - SAFETY COMMUNICATIONS**				Yes	(3,739)	(4,696)	(4,837)	(4,982)	(3,739)	-82%	-100%	-100%	-100%	-82%

SDG&E CUSTOMER SERVICES - INFORMATION O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
O&M	**CUSTOMER SERVICES - INFORMATION**	**CUSTOMER SERVICES - INFORMATION**				**Yes**																					
O&M	CS - INFORMATION	CUSTOMER PRICING, LOAD RESEARCH, ANALYSIS, AND FORECASTING	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	**CS - INFORMATION**	**Sub-Total CUSTOMER PRICING, LOAD RESEARCH, ANALYSIS, AND FORECASTING**				**Yes**																					
O&M	CS - INFORMATION	CUSTOMER PROGRAMS AND BUSINESS SERVICES	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	**CS - INFORMATION**	**Sub-Total CUSTOMER PROGRAMS AND BUSINESS SERVICES**				**Yes**																					
O&M	CS - INFORMATION	MARKETING, COMMUNICATIONS, RESEARCH AND ANALYTICS	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	**CS - INFORMATION**	**Sub-Total MARKETING, COMMUNICATIONS, RESEARCH AND ANALYTICS**				**Yes**																					
O&M	CS - INFORMATION	RAMP - NATURAL GAS APPLIANCE TESTING (NGAT)	Incident Related to the Medium Pressure System (Excluding Dig-in)	RAMP Natural Gas Appliance Testing (NGAT)	Meter and Beyond the Meter	No	NGAT's (tests) Completed	3,754				3,754	9,190				9,190	(5,436)	0	0	0	(5,436)	(59)%	0 %	0 %	0 %	(59)%
O&M	**CS - INFORMATION**	**Sub-Total RAMP - NATURAL GAS APPLIANCE TESTING (NGAT)**				**Yes**																					
O&M	CS - INFORMATION	RAMP - SAFETY COMMUNICATIONS	Customer and Public Safety – Contact with Electric Facilities	RAMP General Safety Communications	Overall	No	Campaigns	1				1	1				1	0	0	0	0	---	0 %	0 %	0 %	0 %	0 %
O&M	CS - INFORMATION	RAMP - SAFETY COMMUNICATIONS	Incident Related to the Medium Pressure System (Excluding Dig-in)	RAMP Gas Public Safety Communications	Overall	No	Campaigns	1				1	1				1	0	0	0	0	---	0 %	0 %	0 %	0 %	0 %
O&M	**CS - INFORMATION**	**Sub-Total RAMP - SAFETY COMMUNICATIONS**				**Yes**																					

SDG&E CUSTOMER SERVICES - INFORMATION O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Safety, Reliability, or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status	Status Variance Explanation Required?
O&M	CUSTOMER SERVICES - INFORMATION	CUSTOMER SERVICES - INFORMATION				Yes										
O&M	CS - INFORMATION	CUSTOMER PRICING, LOAD RESEARCH, ANALYSIS, AND FORECASTING	Non-RAMP	Non-RAMP	Non-RAMP	No	NO									
O&M	CS - INFORMATION	Sub-Total CUSTOMER PRICING, LOAD RESEARCH, ANALYSIS, AND FORECASTING				Yes	NO									
O&M	CS - INFORMATION	CUSTOMER PROGRAMS AND BUSINESS SERVICES	Non-RAMP	Non-RAMP	Non-RAMP	No	NO									
O&M	CS - INFORMATION	Sub-Total CUSTOMER PROGRAMS AND BUSINESS SERVICES				Yes	NO									
O&M	CS - INFORMATION	MARKETING, COMMUNICATIONS, RESEARCH AND ANALYTICS	Non-RAMP	Non-RAMP	Non-RAMP	No	NO									
O&M	CS - INFORMATION	Sub-Total MARKETING, COMMUNICATIONS, RESEARCH AND ANALYTICS				Yes	NO									
O&M	CS - INFORMATION	RAMP - NATURAL GAS APPLIANCE TESTING (NGAT)	Incident Related to the Medium Pressure System (Excluding Dig-in)	RAMP Natural Gas Appliance Testing (NGAT)	Meter and Beyond the Meter	No	YES	NO	YES	N/A	In 2024, the Energy Savings Assistance (ESA) Main Program anticipated completing 5,015 Natural Gas Appliance Testing (NGAT) jobs but only completed 2,795. Similarly, the Multifamily Whole Building (MFWB) Program anticipated completing 7,200 NGAT jobs but only completed 959. Both programs experienced a slower than anticipated start in 2024, which impacted the overall number of NGAT jobs completed. This slow start was due to various operational challenges and delays in project initiation. The MFWB Program was still in the process of ramping up during 2024. This included finalizing program policy and procedures and working through system challenges. Additionally, there were necessary revisions to the contract to address pricing concerns raised by our Implementer and subcontractors. These revisions were crucial to ensure the program's long-term success but contributed to the lower-than-expected NGAT job completion.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	CS - INFORMATION	Sub-Total RAMP - NATURAL GAS APPLIANCE TESTING (NGAT)				Yes	YES	NO								NO
O&M	CS - INFORMATION	RAMP - SAFETY COMMUNICATIONS	Customer and Public Safety – Contact with Electric Facilities	RAMP General Safety Communications	Overall	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	CS - INFORMATION	RAMP - SAFETY COMMUNICATIONS	Incident Related to the Medium Pressure System (Excluding Dig-in)	RAMP Gas Public Safety Communications	Overall	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**CS - INFORMATION**	**Sub-Total RAMP - SAFETY COMMUNICATIONS**				**Yes**	**YES**	**YES**		**Lower than forecasted safety communications expenses due to forecasted O&M resources that were shifted to emergent reliability and compliance work. Safety communications were still achieved by executing more cost-effective tactics such as community outreach, email and social media.**							**NO**

SDG&E CUSTOMER SERVICES - INFORMATION O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Status Variance Explanation	WP Activity Description	2024 GRC Testimony Location
O&M	CUSTOMER SERVICES - INFORMATION	CUSTOMER SERVICES - INFORMATION				Yes			
O&M	CS - INFORMATION	CUSTOMER PRICING, LOAD RESEARCH, ANALYSIS, AND FORECASTING	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	CS - INFORMATION	Sub-Total CUSTOMER PRICING, LOAD RESEARCH, ANALYSIS, AND FORECASTING				Yes			
O&M	CS - INFORMATION	CUSTOMER PROGRAMS AND BUSINESS SERVICES	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	CS - INFORMATION	Sub-Total CUSTOMER PROGRAMS AND BUSINESS SERVICES				Yes			
O&M	CS - INFORMATION	MARKETING, COMMUNICATIONS, RESEARCH AND ANALYTICS	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	CS - INFORMATION	Sub-Total MARKETING, COMMUNICATIONS, RESEARCH AND ANALYTICS				Yes			
O&M	CS - INFORMATION	RAMP - NATURAL GAS APPLIANCE TESTING (NGAT)	Incident Related to the Medium Pressure System (Excluding Dig-in)	RAMP Natural Gas Appliance Testing (NGAT)	Meter and Beyond the Meter	No	N/A	Natural Gas Appliance Testing (NGAT) or CO testing is a safety-related program for Customer Assistance's Energy Savings Assistance (ESA) Program participants. SDG&E conducts Carbon Monoxide (CO) testing on homes weatherized through the ESA Program in accordance with Statewide ESA Program Installation Standards and the Statewide ESA Program Policy and Procedures Manual. CPUC directives require SDG&E to charge the costs for the NGAT program to base rates rather than to the public purpose funds.	SDG&E-19-E SFB-2-7, SFB-34 to SFB-35 WP 1 IN00 2.001
O&M	CS - INFORMATION	Sub-Total RAMP - NATURAL GAS APPLIANCE TESTING (NGAT)				Yes			
O&M	CS - INFORMATION	RAMP - SAFETY COMMUNICATIONS	Customer and Public Safety – Contact with Electric Facilities	RAMP General Safety Communications	Overall	No	N/A		
O&M	CS - INFORMATION	RAMP - SAFETY COMMUNICATIONS	Incident Related to the Medium Pressure System (Excluding Dig-in)	RAMP Gas Public Safety Communications	Overall	No	N/A		
O&M	CS - INFORMATION	Sub-Total RAMP - SAFETY COMMUNICATIONS				Yes		SDG&E educates its customers and the public about the dangers and risks associated with working and being near electricity and electrical equipment, how to safely dig on their property or how to detect possible gas and electric safety issues within and around their home. Communications include bill inserts and onserts, television, web, social media, print, public service announcements, email, radio and other paid digital media. Messages include, but are not limited to carbon monoxide safety, fire mitigation, fire mitigation safety, digging, how to detect gas leaks, and how to prevent electrical fire hazards	SDG&E-19-E SFB-17 to SFB-18 WP 1 IN001.001

SDG&E CUSTOMER SERVICES - OFFICE OPERATIONS O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk/Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll up	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date ($)
O&M	CUSTOMER SERVICES - OFFICE OPERATIONS	CUSTOMER SERVICES - OFFICE OPERATIONS				Yes			39,436	---	---	---	39,436	36,710	36,660	39,108	40,301	36,703
O&M	CS - OFFICE OPERATIONS	BILLING	Non-RAMP	Non-RAMP	Non-RAMP	No			7,406	---	---	---	7,406	7,456	7,680	7,910	8,147	7,456
O&M	**CS - OFFICE OPERATIONS**	**SubTotal BILLING**				**Yes**			**7,406**	**---**	**---**	**---**	**7,406**	**7,456**	**7,680**	**7,910**	**8,147**	**7,456**
O&M	CS - OFFICE OPERATIONS	BRANCH OFFICES	Non-RAMP	Non-RAMP	Non-RAMP	No			1,130	---	---	---	1,130	---	---	---	---	---
O&M	**CS - OFFICE OPERATIONS**	**SubTotal BRANCH OFFICES**				**Yes**			**1,130**	**---**	**---**	**---**	**1,130**	**---**	**---**	**---**	**---**	**---**
O&M	CS - OFFICE OPERATIONS	CCC OPERATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	14,622	---	---	---	14,622	12,336	12,706	13,087	13,480	12,336
O&M	**CS - OFFICE OPERATIONS**	**SubTotal**				**Yes**			**14,622**	**---**	**---**	**---**	**14,622**	**12,336**	**12,706**	**13,087**	**13,480**	**12,336**
O&M	CS - OFFICE OPERATIONS	CCC SUPPORT	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	4,112	---	---	---	4,112	4,555	4,692	4,833	4,978	4,555
O&M	**CS - OFFICE OPERATIONS**	**SubTotal**				**Yes**			**4,112**	**---**	**---**	**---**	**4,112**	**4,555**	**4,692**	**4,833**	**4,978**	**4,555**
O&M	CS - OFFICE OPERATIONS	CREDIT & COLLECTIONS	Non-RAMP	Non-RAMP	Non-RAMP	No			2,088	---	---	---	2,088	2,360	2,430	2,512	2,587	2,360
O&M	**CS - OFFICE OPERATIONS**	**SubTotal CREDIT & COLLECTIONS**				**Yes**			**2,088**	**---**	**---**	**---**	**2,088**	**2,360**	**2,430**	**2,512**	**2,587**	**2,360**
O&M	CS - OFFICE OPERATIONS	CUSTOMER OPERATIONS COMPLIANCE AND STRATEGY	Non-RAMP	Non-RAMP	Non-RAMP	No			2,963	---	---	---	2,963	5,244	5,401	5,563	5,730	5,244
O&M	**CS - OFFICE OPERATIONS**	**SubTotal CUSTOMER OPERATIONS COMPLIANCE AND STRATEGY**				**Yes**			**2,963**	**---**	**---**	**---**	**2,963**	**5,244**	**5,401**	**5,563**	**5,730**	**5,244**
O&M	CS - OFFICE OPERATIONS	POSTAGE	Non-RAMP	Non-RAMP	Non-RAMP	No			5,480	---	---	---	5,480	3,928	3,941	4,059	4,181	3,928
O&M	**CS - OFFICE OPERATIONS**	**SubTotal POSTAGE**				**Yes**			**5,480**	**---**	**---**	**---**	**5,480**	**3,928**	**3,941**	**4,059**	**4,181**	**3,928**
O&M	CS - OFFICE OPERATIONS	REMITTANCE PROCESSING	Non-RAMP	Non-RAMP	Non-RAMP	No			1,299	---	---	---	1,299	770	793	817	842	770
O&M	**CS - OFFICE OPERATIONS**	**SubTotal REMITTANCE PROCESSING**				**Yes**			**1,299**	**---**	**---**	**---**	**1,299**	**770**	**793**	**81 7**	**842**	**770**
O&M	CS - OFFICE OPERATIONS	SAFETY - METER REVENUE PROTECTION	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	336	---	---	---	336	381	392	404	416	381
O&M	**CS - OFFICE OPERATIONS**	**SubTotal SAFETY - METER REVENUE PROTECTION**				**Yes**			**336**	**---**	**---**	**---**	**336**	**381**	**392**	**40 4**	**416**	**381**

SDG&E CUSTOMER SERVICES - OFFICE OPERATIONS O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk/Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference ($)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
O&M	CUSTOMER SERVICES - OFFICE OPERATIONS	CUSTOMER SERVICES - OFFICE OPERATIONS				No	2,340	(38,014)	(39,189)	(40,363)	2,340	2%	100%	100%	100%	2%
O&M	CS - OFFICE OPERATIONS	BILLING	Non-RAMP	Non-RAMP	Non-RAMP	No	(50)	(7,680)	(7,910)	(8,147)	(50)	-1%	-100%	-100%	-100%	-1%
O&M	**CS - OFFICE OPERATIONS**	**SubTotal BILLING**				**Yes**	**(50)**	**(7,680)**	**(7,910)**	**(8,147)**	**(50)**	**-1%**	**-100%**	**-100%**	**-100%**	**-1%**
O&M	CS - OFFICE OPERATIONS	BRANCH OFFICES	Non-RAMP	Non-RAMP	Non-RAMP	No	1,130	—	—	—	1,130	100%	—%	—%	—%	100%
O&M	**CS - OFFICE OPERATIONS**	**SubTotal BRANCH OFFICES**				**Yes**	**1,130**	**—**	**—**	**—**	**1,130**	**100%**	**—%**	**—%**	**—%**	**100%**
O&M	CS - OFFICE OPERATIONS	CCC OPERATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	2,286	(12,706)	(13,087)	(13,480)	2,286	19%	-100%	-100%	-100%	19%
O&M	**CS - OFFICE OPERATIONS**	**SubTotal**				**Yes**	**2,286**	**(12,706)**	**(13,087)**	**(13,480)**	**2,286**	**19%**	**-100%**	**-100%**	**-100%**	**19%**
O&M	CS - OFFICE OPERATIONS	CCC SUPPORT	Non-RAMP	Non-RAMP	Non-RAMP	No	(443)	(4,692)	(4,833)	(4,978)	(443)	-10%	-100%	-100%	-100%	-10%
O&M	**CS - OFFICE OPERATIONS**	**SubTotal**				**Yes**	**(443)**	**(4,692)**	**(4,833)**	**(4,978)**	**(443)**	**-10%**	**-100%**	**-100%**	**-100%**	**-10%**
O&M	CS - OFFICE OPERATIONS	CREDIT & COLLECTIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	(280)	(2,439)	(2,512)	(2,587)	(280)	-12%	-100%	-100%	-100%	-12%
O&M	**CS - OFFICE OPERATIONS**	**SubTotal CREDIT & COLLECTIONS**				**Yes**	**(280)**	**(2,439)**	**(2,512)**	**(2,587)**	**(280)**	**-12%**	**-100%**	**-100%**	**-100%**	**-12%**
O&M	CS - OFFICE OPERATIONS	CUSTOMER OPERATIONS COMPLIANCE AND STRATEGY	Non-RAMP	Non-RAMP	Non-RAMP	No	(2,281)	(5,401)	(5,563)	(5,730)	(2,281)	-46%	-100%	-100%	-100%	-64%
O&M	**CS - OFFICE OPERATIONS**	**SubTotal CUSTOMER OPERATIONS COMPLIANCE AND STRATEGY**				**Yes**	**(2,281)**	**(5,401)**	**(5,563)**	**(5,730)**	**(2,281)**	**-64%**	**-100%**	**-100%**	**-100%**	**-64%**
O&M	CS - OFFICE OPERATIONS	POSTAGE	Non-RAMP	Non-RAMP	Non-RAMP	No	1,654	(3,941)	(4,059)	(4,181)	1,654	43%	-100%	-100%	-100%	43%
O&M	**CS - OFFICE OPERATIONS**	**SubTotal POSTAGE**				**Yes**	**1,654**	**(3,941)**	**(4,059)**	**(4,181)**	**1,654**	**43%**	**-100%**	**-100%**	**-100%**	**43%**
O&M	CS - OFFICE OPERATIONS	REMITTANCE PROCESSING	Non-RAMP	Non-RAMP	Non-RAMP	No	529	(793)	(817)	(842)	529	69%	-100%	-100%	-100%	69%
O&M	**CS - OFFICE OPERATIONS**	**SubTotal REMITTANCE PROCESSING**				**Yes**	**529**	**(793)**	**(817)**	**(842)**	**529**	**69%**	**-100%**	**-100%**	**-100%**	**69%**
O&M	CS - OFFICE OPERATIONS	SAFETY - METER REVENUE PROTECTION	Non-RAMP	Non-RAMP	Non-RAMP	No	(45)	(392)	(404)	(416)	(45)	-12%	-100%	-100%	-100%	-12%
O&M	**CS - OFFICE OPERATIONS**	**SubTotal SAFETY - METER REVENUE PROTECTION**				**Yes**	**(45)**	**(392)**	**(404)**	**(416)**	**(45)**	**-12%**	**-100%**	**-100%**	**-100%**	**-12%**

SDG&E CUSTOMER SERVICES - OFFICE OPERATIONS O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk/Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
O&M	**CS - OFFICE OPERATIONS**	**CUSTOMER SERVICES - OFFICE OPERATIONS**				No																					
O&M	CS - OFFICE OPERATIONS	BILLING	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	**CS - OFFICE OPERATIONS**	**SubTotal BILLING**				Yes																					
O&M	CS - OFFICE OPERATIONS	BRANCH OFFICES	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	**CS - OFFICE OPERATIONS**	**SubTotal BRANCH OFFICES**				Yes																					
O&M	CS - OFFICE OPERATIONS	CCC OPERATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	ESS Calls	1,254,447				1,254,447	1,501,297				1,501,297	(246,850)	0	0	0	(366,850)	(16)%	0 %	0%	0 %	(16)%
O&M	**CS - OFFICE OPERATIONS**	**SubTotal**				Yes																					
O&M	CS - OFFICE OPERATIONS	CCC SUPPORT	Non-RAMP	Non-RAMP	Non-RAMP	No	ESS Calls	1,254,447				1,254,447	1,501,297				1,501,297	(246,850)	0	0	0	(366,850)	(16)%	0 %	0%	0 %	(16)%
O&M	**CS - OFFICE OPERATIONS**	**SubTotal**				Yes																					
O&M	CS - OFFICE OPERATIONS	CREDIT & COLLECTIONS	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	**CS - OFFICE OPERATIONS**	**SubTotal CREDIT & COLLECTIONS**				Yes																					
O&M	CS - OFFICE OPERATIONS	CUSTOMER OPERATIONS COMPLIANCE AND STRATEGY	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	**CS - OFFICE OPERATIONS**	**SubTotal CUSTOMER OPERATIONS COMPLIANCE AND STRATEGY**				Yes																					
O&M	CS - OFFICE OPERATIONS	POSTAGE	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	**CS - OFFICE OPERATIONS**	**SubTotal POSTAGE**				Yes																					
O&M	CS - OFFICE OPERATIONS	REMITTANCE PROCESSING	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	**CS - OFFICE OPERATIONS**	**SubTotal REMITTANCE PROCESSING**				Yes																					
O&M	CS - OFFICE OPERATIONS	SAFETY - METER REVENUE PROTECTION	Non-RAMP	Non-RAMP	Non-RAMP	No	Investigations/Leads	2,160				2,160	1,659				1,659	501	0	0	0	501	30%	0 %	0%	0 %	30%
O&M	**CS - OFFICE OPERATIONS**	**SubTotal SAFETY - METER REVENUE PROTECTION**				Yes																					

SDG&E CUSTOMER SERVICES - OFFICE OPERATIONS O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll up	Safety, Reliability, or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status	Status Variance Explanation Required?
O&M	CUSTOMER SERVICES - OFFICE OPERATIONS					No										
O&M	CS - OFFICE OPERATIONS	BILLING	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	N/A	N/A							N/A
O&M	**CS - OFFICE OPERATIONS**	**SubTotal BILLING**				**Yes**	**NO**	**NO**								**NO**
O&M	CS - OFFICE OPERATIONS	BRANCH OFFICES	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	N/A	N/A							N/A
O&M	**CS - OFFICE OPERATIONS**	**SubTotal BRANCH OFFICES**				**Yes**	**NO**	**N/A**	**N/A**							**N/A**
O&M	CS - OFFICE OPERATIONS	CCC OPERATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**CS - OFFICE OPERATIONS**	**SubTotal**				**Yes**	**YES**	**NO**								**NO**
O&M	CS - OFFICE OPERATIONS	CCC SUPPORT	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**CS - OFFICE OPERATIONS**	**SubTotal**				**Yes**	**YES**	**NO**								**NO**
O&M	CS - OFFICE OPERATIONS	CREDIT & COLLECTIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	N/A	N/A							N/A
O&M	**CS - OFFICE OPERATIONS**	**SubTotal CREDIT & COLLECTIONS**				**Yes**	**NO**	**N/A**	**N/A**							**N/A**
O&M	CS - OFFICE OPERATIONS	CUSTOMER OPERATIONS COMPLIANCE AND STRATEGY	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	N/A	N/A							N/A
O&M	**CS - OFFICE OPERATIONS**	**SubTotal CUSTOMER OPERATIONS COMPLIANCE AND STRATEGY**				**Yes**	**NO**	**N/A**	**N/A**							**N/A**
O&M	CS - OFFICE OPERATIONS	POSTAGE	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	N/A	N/A							N/A
O&M	**CS - OFFICE OPERATIONS**	**SubTotal POSTAGE**				**Yes**	**NO**	**N/A**	**N/A**							**N/A**
O&M	CS - OFFICE OPERATIONS	REMITTANCE PROCESSING	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	N/A	N/A							N/A
O&M	**CS - OFFICE OPERATIONS**	**SubTotal REMITTANCE PROCESSING**				**Yes**	**NO**	**N/A**	**N/A**							**N/A**
O&M	CS - OFFICE OPERATIONS	SAFETY - METER REVENUE PROTECTION	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	YES	N/A	Higher than forecasted investigations as compared to base year 2021 forecast due to ramp up of activities that were originally placed on hold for emergency customer protections.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**CS - OFFICE OPERATIONS**	**SubTotal SAFETY - METER REVENUE PROTECTION**				**Yes**	**YES**	**NO**								**NO**

SDG&E CUSTOMER SERVICES - OFFICE OPERATIONS O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll up	Status Variance Explanation	WP Activity Description	2024 GRC Testimony Location
O&M	**CS - OFFICE OPERATIONS**	**CUSTOMER SERVICES - OFFICE OPERATIONS**				**No**			
O&M	CS - OFFICE OPERATIONS	BILLING	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**CS - OFFICE OPERATIONS**	**SubTotal BILLING**				**Yes**			
O&M	CS - OFFICE OPERATIONS	BRANCH OFFICES	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**CS - OFFICE OPERATIONS**	**SubTotal BRANCH OFFICES**				**Yes**			
O&M	CS - OFFICE OPERATIONS	CCC OPERATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A	The Customer Contact Center (CCC) expense include costs for a variety of customer interactions, including: answering telephone calls; responding to incoming email; responding to customer inquiries through on-line chat features; answering written customer correspondence regarding customer account activity; following up on all CPUC telephone referrals and informal and formal customer complaints; and, responding to other customer account-related inquiries.	SDGAE-18-E SFB-21 to SFB-26 WP 1000041000
O&M	**CS - OFFICE OPERATIONS**	**SubTotal**				**Yes**			
O&M	CS - OFFICE OPERATIONS	CCC SUPPORT	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A	Customer Contact Center (CCC) Support work group activities include resource planning and scheduling; technology support (including software licensing, maintenance and support service); training; quality assurance; policy and procedures support; planning and analysis functions; compliant resolution and clerical support.	SDGAE-18-E SFB-26 to SFB-28 WP 1000005.000
O&M	**CS - OFFICE OPERATIONS**	**SubTotal**				**Yes**			
O&M	CS - OFFICE OPERATIONS	CREDIT & COLLECTIONS	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**CS - OFFICE OPERATIONS**	**SubTotal CREDIT & COLLECTIONS**				**Yes**			
O&M	CS - OFFICE OPERATIONS	CUSTOMER OPERATIONS COMPLIANCE AND STRATEGY	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**CS - OFFICE OPERATIONS**	**SubTotal CUSTOMER OPERATIONS COMPLIANCE AND STRATEGY**				**Yes**			
O&M	CS - OFFICE OPERATIONS	POSTAGE	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**CS - OFFICE OPERATIONS**	**SubTotal POSTAGE**				**Yes**			
O&M	CS - OFFICE OPERATIONS	REMITTANCE PROCESSING	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**CS - OFFICE OPERATIONS**	**SubTotal REMITTANCE PROCESSING**				**Yes**			
O&M	CS - OFFICE OPERATIONS	SAFETY - METER REVENUE PROTECTION	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A	Meter Revenue Protection investigates unauthorized attachments (also referred to as "bypass") that create unsafe conditions for our crews as well as public safety officers and first responders. Unauthorized attachments are not standard and violate electric code and local building ordinances. This circumstance present the potential for fire, electrical shock and a risk of electrocution to SDG&E service technicians, law enforcement, firefighters, city or county officials, occupants of the residence and/or community.	SDGAE-18-E SFB-13 WP 1000001.4D1
O&M	**CS - OFFICE OPERATIONS**	**SubTotal SAFETY - METER REVENUE PROTECTION**				**Yes**			

SDG&E ENVIRONMENTAL SERVICES AND SAN ONOFRE NUCLEAR GENERATING STATION ("SONGS") O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP/Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll up	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Inputted Authorized Cost 2024	Inputted Authorized Cost 2025	Inputted Authorized Cost 2026	Inputted Authorized Cost 2027	Inputted Authorized Cost to Date ($)
O&M	ENVIRONMENTAL SERVICES AND SAN ONOFRE NUCLEAR GENERATING STATION ("SONGS")	ENVIRONMENTAL SERVICES AND SAN ONOFRE NUCLEAR GENERATING STATION ("SONGS")				Yes			7,133	–	–	–	7,133	7,978	8,209	8,455	8,709	7,978
O&M	SDG&E ENVIRONMENTAL SERVICES AND SONGS	ENVIRONMENTAL SDGE NSS COST CENTER	NocalRAMP	NocalRAMP	NonRAMP	No	Ongoing	Actual	7,133	–	–	–	7,133	7,978	8,209	8,455	8,709	7,978
O&M	**SDG&E ENVIRONMENTAL SERVICES AND SONGS**	**Sub Total ENVIRONMENTAL SDGE NSS COST CENTER**				Yes			7,133	–	–	–	7,133	7,978	8,209	8,455	8,709	7,978

SDG&E ENVIRONMENTAL SERVICES AND SAN ONOFRE NUCLEAR GENERATING STATION ("SONGS") O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll up	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference ($)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
O&M	ENVIRONMENTAL SERVICES AND SAN ONOFRE NUCLEAR GENERATING STATION ("SONGS")					Yes	($0)	($1,859)	($1,455)	($1,709)	($0)	-11%	-100%	-100%	-100%	-11%
O&M	SDG&E ENVIRONMENTAL SERVICES AND SONGS	ENVIRONMENTAL SDGE NSS COST CENTER	No risk/RAMP	Non-RAMP	Non-RAMP	No	($0)	($1,859)	($1,455)	($1,709)	($0)	-11%	-100%	-100%	-100%	-11%
O&M	**SDG&E ENVIRONMENTAL SERVICES AND SONGS**	**Sub Total ENVIRONMENTAL SDGE NSS COST CENTER**				Yes	**($0)**	**($1,859)**	**($1,455)**	**($1,709)**	**($0)**	**-11%**	**-100%**	**-100%**	**-100%**	**-11%**

SDG&E ENVIRONMENTAL SERVICES AND SAN ONOFRE NUCLEAR GENERATING STATION ("SONGS") O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll up	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
O&M	ENVIRONMENTAL SERVICES AND SAN ONOFRE NUCLEAR GENERATING STATION ("SONGS")					Yes																					
O&M	SDG&E ENVIRONMENTAL SERVICES AND SONGS	ENVIRONMENTAL SDGE NSS COST CENTER	NocatRAMP	NocatRAMP	Non-RAMP	No	CTE	41				41	40				40	1	0	0	0	1	2.5%	0%	0%	0%	2.5%
O&M	**SDG&E ENVIRONMENTAL SERVICES AND SONGS**	**Sub Total ENVIRONMENTAL SDGE NSS COST CENTER**				Yes																					

SDG&E ENVIRONMENTAL SERVICES AND SAN ONOFRE NUCLEAR GENERATING STATION ("SONGS") O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP/Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll up	Safety, Reliability, or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status	Status Variance Explanation Required?
O&M	ENVIRONMENTAL SERVICES AND SAN ONOFRE NUCLEAR GENERATING STATION ("SONGS")					Yes										
O&M	SDG&E ENVIRONMENTAL SERVICES AND SONGS	ENVIRONMENTAL SDGE NSS COST CENTER	NoncoreRAMP	NoncoreRAMP	NoncoRAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceedings Planned	NO
O&M	**SDG&E ENVIRONMENTAL SERVICES AND SONGS**	**Sub Total ENVIRONMENTAL SDGE NSS COST CENTER**				Yes	**YES**	**NO**								**NO**

SDG&E ENVIRONMENTAL SERVICES AND SAN ONOFRE NUCLEAR GENERATING STATION ("SONGS") O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP/Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll up	Status Variance Explanation	WP Activity Description	2024 GRC Testimony Location
O&M	ENVIRONMENTAL SERVICES AND SAN ONOFRE NUCLEAR GENERATING STATION ("SONGS")	ENVIRONMENTAL SERVICES AND SAN ONOFRE NUCLEAR GENERATING STATION ("SONGS")				Yes			
O&M	SDG&E ENVIRONMENTAL SERVICES AND SONGS	ENVIRONMENTAL SDGE NSS COST CENTER	NonRAMP	NonRAMP	Non-RAMP	No	NSA		
O&M	SDG&E ENVIRONMENTAL SERVICES AND SONGS	Sub Total ENVIRONMENTAL SDGE NSS COST CENTER				Yes			

SDG&E FLEET SERVICES O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date ($)
O&M	FLEET SERVICES	FLEET SERVICES				Yes			4,354	---	---	---	86,748	86,498	84,956	84,106	83,260	427,468
O&M	FLEET SERVICES	ASSET MANAGEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No			1,273	---	---	---	1,273	1,548	1,594	1,642	1,691	1,548
O&M	**FLEET SERVICES**	**Sub Total ASSET MANAGEMENT**				**Yes**			**1,273**	**---**	**---**	**---**	**1,273**	**1,548**	**1,594**	**1,642**	**1,691**	**1,548**
O&M	FLEET SERVICES	AUTOMOTIVE FUELS	Non-RAMP	Non-RAMP	Non-RAMP	No			7,276	---	---	---	7,276	7,570	7,797	8,031	8,272	7,570
O&M	**FLEET SERVICES**	**Sub Total AUTOMOTIVE FUELS**				**Yes**			**7,276**	**---**	**---**	**---**	**7,276**	**7,570**	**7,797**	**8,031**	**8,272**	**7,570**
O&M	FLEET SERVICES	COMMUTATION FEE CREDITS	Non-RAMP	Non-RAMP	Non-RAMP	No			(287)	---	---	---	(287)	(272)	(280)	(288)	(297)	(272)
O&M	**FLEET SERVICES**	**Sub Total COMMUTATION FEE CREDITS**				**Yes**			**(287)**	**---**	**---**	**---**	**(287)**	**(272)**	**(280)**	**(288)**	**(297)**	**(272)**
O&M	FLEET SERVICES	EXISTING LEASES & FEES	Non-RAMP	Non-RAMP	Non-RAMP	No			15,228	---	---	---	15,228	18,028	18,569	19,126	19,700	18,028
O&M	**FLEET SERVICES**	**Sub Total EXISTING LEASES & FEES**				**Yes**			**15,228**	**---**	**---**	**---**	**15,228**	**18,028**	**18,569**	**19,126**	**19,700**	**18,028**
O&M	FLEET SERVICES	FINANCIAL & SYSTEMS	Non-RAMP	Non-RAMP	Non-RAMP	No			1,816	---	---	---	1,816	1,293	1,332	1,372	1,413	1,293
O&M	**FLEET SERVICES**	**Sub Total FINANCIAL & SYSTEMS**				**Yes**			**1,816**	**---**	**---**	**---**	**1,816**	**1,293**	**1,332**	**1,372**	**1,413**	**1,293**
O&M	FLEET SERVICES	HYDROGEN FUEL-CELL VEHICLES	Non-RAMP	Non-RAMP	Non-RAMP	No			9	---	---	---	9	30	31	32	33	30
O&M	**FLEET SERVICES**	**Sub Total HYDROGEN FUEL-CELL VEHICLES**				**Yes**			**9**	**---**	**---**	**---**	**9**	**30**	**31**	**32**	**33**	**30**
O&M	FLEET SERVICES	MAINTENANCE GARAGE OPERATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	Ongoing	Annual	16,821	---	---	---	16,821	14,433	14,866	15,312	15,771	14,433
O&M	**FLEET SERVICES**	**Sub Total MAINTENANCE GARAGE OPERATIONS**				**Yes**			**16,821**	**---**	**---**	**---**	**16,821**	**14,433**	**14,866**	**15,312**	**15,771**	**14,433**
O&M	FLEET SERVICES	MAINTENANCE OPERATIONS MANAGEMENT & SUPERVISION	Non-RAMP	Non-RAMP	Non-RAMP	No	Ongoing	Annual	820	---	---	---	820	743	765	788	811	743
O&M	**FLEET SERVICES**	**Sub Total MAINTENANCE OPERATIONS MANAGEMENT & SUPERVISION**				**Yes**			**820**	**---**	**---**	**---**	**820**	**743**	**765**	**788**	**812**	**743**
O&M	FLEET SERVICES	REPLACEMENT PLAN AND SALVAGE	Non-RAMP	Non-RAMP	Non-RAMP	No			2,885	---	---	---	2,885	4,157	4,282	4,410	4,542	4,157
O&M	**FLEET SERVICES**	**Sub Total REPLACEMENT PLAN AND SALVAGE**				**Yes**			**2,885**	**---**	**---**	**---**	**2,885**	**4,157**	**4,282**	**4,410**	**4,542**	**4,157**
O&M	FLEET SERVICES	TELEMATICS SERVICE FEES	Incident Involving an Employee	Enhanced Employee Safe Driving Training	Vehicle Incidents	No	On-going	Annual	404	---	---	---	404	964	993	1,023	1,054	964
O&M	**FLEET SERVICES**	**Sub Total TELEMATICS SERVICE FEES**				**Yes**			**404**	**---**	**---**	**---**	**404**	**964**	**993**	**1,023**	**1,054**	**964**

SDG&E FLEET SERVICES O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference ($)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
O&M	FLEET SERVICES	FLEET SERVICES				Yes	(279)	(1,594)	(1,642)	(1,691)	(279)	-18%	-100%	-100%	-100%	-18%
O&M	FLEET SERVICES	ASSET MANAGEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	(275)	(1,594)	(1,642)	(1,691)	(275)	-18%	-100%	-100%	-100%	-18%
O&M	**FLEET SERVICES**	**Sub Total ASSET MANAGEMENT**				**Yes**	**(279)**	**(1,594)**	**(1,642)**	**(1,691)**	**(279)**	**-18%**	**-100%**	**-100%**	**-100%**	**-18%**
O&M	FLEET SERVICES	AUTOMOTIVE FUELS	Non-RAMP	Non-RAMP	Non-RAMP	No	(294)	(7,797)	(8,031)	(8,272)	(294)	-4%	-100%	-100%	-100%	-4%
O&M	**FLEET SERVICES**	**Sub Total AUTOMOTIVE FUELS**				**Yes**	**(294)**	**(7,797)**	**(8,031)**	**(8,272)**	**(294)**	**-4%**	**-100%**	**-100%**	**-100%**	**-4%**
O&M	FLEET SERVICES	COMMUTATION FEE CREDITS	Non-RAMP	Non-RAMP	Non-RAMP	No	(15)	200	203	207	(15)	-6%	-100%	-100%	-100%	6%
O&M	**FLEET SERVICES**	**Sub Total COMMUTATION FEE CREDITS**				**Yes**	**(15)**	**200**	**203**	**207**	**(15)**	**6%**	**-100%**	**-100%**	**-100%**	**6%**
O&M	FLEET SERVICES	EXISTING LEASES & FEES	Non-RAMP	Non-RAMP	Non-RAMP	No	(2,800)	(18,569)	(19,126)	(19,700)	(2,800)	-16%	-100%	-100%	-100%	-16%
O&M	**FLEET SERVICES**	**Sub Total EXISTING LEASES & FEES**				**Yes**	**(2,800)**	**(18,569)**	**(19,126)**	**(19,700)**	**(2,800)**	**-16%**	**-100%**	**-100%**	**-100%**	**-16%**
O&M	FLEET SERVICES	FINANCIAL & SYSTEMS	Non-RAMP	Non-RAMP	Non-RAMP	No	52	(1,333)	(1,372)	(1,413)	52	-40%	-100%	-100%	-100%	-40%
O&M	**FLEET SERVICES**	**Sub Total FINANCIAL & SYSTEMS**				**Yes**	**52**	**(1,333)**	**(1,372)**	**(1,413)**	**52**	**-40%**	**-100%**	**-100%**	**-100%**	**-40%**
O&M	FLEET SERVICES	HYDROGEN FUEL-CELL VEHICLES	Non-RAMP	Non-RAMP	Non-RAMP	No	(21)	(31)	(32)	(33)	(21)	-68%	-100%	-100%	-100%	-68%
O&M	**FLEET SERVICES**	**Sub Total HYDROGEN FUEL-CELL VEHICLES**				**Yes**	**(21)**	**(31)**	**(32)**	**(33)**	**(21)**	**-68%**	**-100%**	**-100%**	**-100%**	**-68%**
O&M	FLEET SERVICES	MAINTENANCE/GARAGE OPERATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	2,388	(14,866)	(15,312)	(15,771)	2,388	17%	-100%	-100%	-100%	17%
O&M	**FLEET SERVICES**	**Sub Total MAINTENANCE/GARAGE OPERATIONS**				**Yes**	**2,388**	**(14,866)**	**(15,312)**	**(15,771)**	**2,388**	**17%**	**-100%**	**-100%**	**-100%**	**17%**
O&M	FLEET SERVICES	MAINTENANCE OPERATIONS MANAGEMENT & SUPERVISION	Non-RAMP	Non-RAMP	Non-RAMP	No	77	(765)	(788)	(812)	77	10%	-100%	-100%	-100%	10%
O&M	**FLEET SERVICES**	**Sub Total MAINTENANCE OPERATIONS MANAGEMENT & SUPERVISION**				**Yes**	**77**	**(765)**	**(788)**	**(812)**	**77**	**10%**	**-100%**	**-100%**	**-100%**	**10%**
O&M	FLEET SERVICES	REPLACEMENT PLAN AND SALVAGE	Non-RAMP	Non-RAMP	Non-RAMP	No	(1,272)	(4,282)	(4,410)	(4,542)	(1,272)	-31%	-100%	-100%	-100%	-31%
O&M	**FLEET SERVICES**	**Sub Total REPLACEMENT PLAN AND SALVAGE**				**Yes**	**(1,272)**	**(4,282)**	**(4,410)**	**(4,542)**	**(1,272)**	**-31%**	**-100%**	**-100%**	**-100%**	**-31%**
O&M	FLEET SERVICES	TELEMATICS SERVICE FEES	Incident Involving an Employee	Enhanced Employee Safe Driving Training	Vehicle Incidents	No	(560)	(993)	(1,023)	(1,054)	(560)	-58%	-100%	-100%	-100%	-58%
O&M	**FLEET SERVICES**	**Sub Total TELEMATICS SERVICE FEES**				**Yes**	**(560)**	**(993)**	**(1,023)**	**(1,054)**	**(560)**	**-58%**	**-100%**	**-100%**	**-100%**	**-58%**

SDG&E FLEET SERVICES O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
O&M	FLEET SERVICES	FLEET SERVICES				Yes																					
O&M	FLEET SERVICES	ASSET MANAGEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	**FLEET SERVICES**	**Sub Total ASSET MANAGEMENT**				Yes																					
O&M	FLEET SERVICES	AUTOMOTIVE FUELS	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	**FLEET SERVICES**	**Sub Total AUTOMOTIVE FUELS**				Yes																					
O&M	FLEET SERVICES	COMMUTATION FEE CREDITS	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	**FLEET SERVICES**	**Sub Total COMMUTATION FEE CREDITS**				Yes																					
O&M	FLEET SERVICES	EXISTING LEASES & FEES	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	**FLEET SERVICES**	**Sub Total EXISTING LEASES & FEES**				Yes																					
O&M	FLEET SERVICES	FINANCIAL & SYSTEMS	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	**FLEET SERVICES**	**Sub Total FINANCIAL & SYSTEMS**				Yes																					
O&M	FLEET SERVICES	HYDROGEN FUEL-CELL VEHICLES	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	**FLEET SERVICES**	**Sub Total HYDROGEN FUEL-CELL VEHICLES**				Yes																					
O&M	FLEET SERVICES	MAINTENANCE/GARAGE OPERATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	Vehicleand Equipment	2,02				2,202	2,122				2,122	140	0	0	0	140	7%	0%	0%	0%	7%
O&M	**FLEET SERVICES**	**Sub Total MAINTENANCE/GARAGE OPERATIONS**				Yes																					
O&M	FLEET SERVICES	MAINTENANCE/OPERATIONS MANAGEMENT & SUPERVISION	Non-RAMP	Non-RAMP	Non-RAMP	No	FTE	0				0	0				0	0	0	0	0	0	0%	0%	0%	0%	0%
O&M	**FLEET SERVICES**	**Sub Total MAINTENANCE/OPERATIONS MANAGEMENT & SUPERVISION**				Yes																					
O&M	FLEET SERVICES	REPLACEMENT PLAN AND SALVAGE	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	**FLEET SERVICES**	**Sub Total REPLACEMENT PLAN AND SALVAGE**				Yes																					
O&M	FLEET SERVICES	TELEMATICS SERVICE FEES	Incident Involving an Employee	Enhanced Employee Safe Driving Training	Vehicle Incidents	No	Vehicleand Equipment	2,02				2,202	2,122				2,122	140	0	0	0	140	7%	0%	0%	0%	7%
O&M	**FLEET SERVICES**	**Sub Total TELEMATICS SERVICE FEES**				Yes																					

SDG&E FLEET SERVICES O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Safety, Reliability, or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status	Status Variance Explanation Required?
O&M	FLEET SERVICES	FLEET SERVICES				Yes										
O&M	FLEET SERVICES	ASSET MANAGEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							
O&M	**FLEET SERVICES**	**Sub Total ASSET MANAGEMENT**				Yes	**NO**									
O&M	FLEET SERVICES	AUTOMOTIVE FUELS	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							
O&M	**FLEET SERVICES**	**Sub Total AUTOMOTIVE FUELS**				Yes	**NO**									
O&M	FLEET SERVICES	COMMUTATION FEE CREDITS	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							
O&M	**FLEET SERVICES**	**Sub Total COMMUTATION FEE CREDITS**				Yes	**NO**									
O&M	FLEET SERVICES	EXISTING LEASES & FEES	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							
O&M	**FLEET SERVICES**	**Sub Total EXISTING LEASES & FEES**				Yes	**NO**									
O&M	FLEET SERVICES	FINANCIAL & SYSTEMS	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							
O&M	**FLEET SERVICES**	**Sub Total FINANCIAL & SYSTEMS**				Yes	**NO**									
O&M	FLEET SERVICES	HYDROGEN FUEL-CELL VEHICLES	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							
O&M	**FLEET SERVICES**	**Sub Total HYDROGEN FUEL-CELL VEHICLES**				Yes	**NO**									
O&M	FLEET SERVICES	MAINTENANCE/GARAGE OPERATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	Over (O)	Over (O)	Over (O)	Proceeding as Planned	NO
O&M	**FLEET SERVICES**	**Sub Total MAINTENANCE/GARAGE OPERATIONS**				Yes	**YES**	**NO**								**NO**
O&M	FLEET SERVICES	MAINTENANCE/OPERATIONS MANAGEMENT & SUPERVISION	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**FLEET SERVICES**	**Sub Total MAINTENANCE OPERATIONS MANAGEMENT & SUPERVISION**				Yes	**YES**	**NO**								**NO**
O&M	FLEET SERVICES	REPLACEMENT PLAN AND SALVAGE	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							
O&M	**FLEET SERVICES**	**Sub Total REPLACEMENT PLAN AND SALVAGE**				Yes	**NO**									
O&M	FLEET SERVICES	TELEMATICS SERVICE FEES	Incident Involving an Employee	Enhanced Employee Safe Driving Training	Vehicle Incidents	No	YES	NO	NO	N/A	N/A	Under (U)	Under (U)	Under (U)	Proceeding as Planned	NO
O&M	**FLEET SERVICES**	**Sub Total TELEMATICS SERVICE FEES**				Yes	**YES**	**NO**								**NO**

SDG&E FLEET SERVICES O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Status Variance Explanation	WP Activity Description	2024 GRC Testimony Location
O&M	FLEET SERVICES	FLEET SERVICES				Yes			
O&M	FLEET SERVICES	ASSET MANAGEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**FLEET SERVICES**	**Sub Total ASSET MANAGEMENT**				Yes			
O&M	FLEET SERVICES	AUTOMOTIVE FUELS	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**FLEET SERVICES**	**Sub Total AUTOMOTIVE FUELS**				Yes			
O&M	FLEET SERVICES	COMMUTATION FEE CREDITS	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**FLEET SERVICES**	**Sub Total COMMUTATION FEE CREDITS**				Yes			
O&M	FLEET SERVICES	EXISTING LEASES & FEES	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**FLEET SERVICES**	**Sub Total EXISTING LEASES & FEES**				Yes			
O&M	FLEET SERVICES	FINANCIAL & SYSTEMS	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**FLEET SERVICES**	**Sub Total FINANCIAL & SYSTEMS**				Yes			
O&M	FLEET SERVICES	HYDROGEN FUEL-CELL VEHICLES	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**FLEET SERVICES**	**Sub Total HYDROGEN FUEL-CELL VEHICLES**				Yes			
O&M	FLEET SERVICES	MAINTENANCE/GARAGE OPERATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
O&M	**FLEET SERVICES**	**Sub Total MAINTENANCE GARAGE OPERATIONS**				Yes			
O&M	FLEET SERVICES	MAINTENANCE/OPERATIONS MANAGEMENT & SUPERVISION	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
O&M	**FLEET SERVICES**	**Sub Total MAINTENANCE OPERATIONS MANAGEMENT & SUPERVISION**				Yes			
O&M	FLEET SERVICES	REPLACEMENT PLAN AND SALVAGE	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**FLEET SERVICES**	**Sub Total REPLACEMENT PLAN AND SALVAGE**				Yes			
O&M	FLEET SERVICES	TELEMATICS SERVICE FEES	Incident Involving an Employee	Enhanced Employee Safe Driving Training	Vehicle Incident	No	N/A		
O&M	**FLEET SERVICES**	**Sub Total TELEMATICS SERVICE FEES**				Yes			

SDG&E REAL ESTATE, LAND SERVICES & FACILITY OPERATIONS O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date ($)
O&M	REAL ESTATE, LAND SERVICES & FACILITY OPERATIONS	REAL ESTATE, LAND SERVICES & FACILITY OPERATIONS				Yes			40,717	---	---	---	40,717	44,105	41,775	42,815	44,106	40,717
O&M	REAL ESTATE, LAND SERVICES & FACILITIES	CORPORATE REAL ESTATE	Non-RAMP	Non-RAMP	Non-RAMP	No			770	---	---	---	770	667	687	708	729	667
O&M	**REAL ESTATE, LAND SERVICES & FACILITIES**	**SubTotal CORPORATE REAL ESTATE**				**Yes**			**770**	**---**	**---**	**---**	**770**	**667**	**687**	**708**	**729**	**667**
O&M	REAL ESTATE, LAND SERVICES & FACILITIES	FACILITES OPS - SHARED SERVICES	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	4,256	---	---	---	4,256	4,352	4,483	4,617	4,756	4,352
O&M	**REAL ESTATE, LAND SERVICES & FACILITIES**	**SubTotal FACILITES OPS - SHARED SERVICES**				**Yes**			**4,256**	**---**	**---**	**---**	**4,256**	**4,352**	**4,483**	**4,617**	**4,756**	**4,352**
O&M	REAL ESTATE, LAND SERVICES & FACILITIES	FACILITIES CAPITAL PROGRAMS	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	78	---	---	---	78	165	170	175	180	165
O&M	**REAL ESTATE, LAND SERVICES & FACILITIES**	**SubTotal FACILITIES CAPITAL PROGRAMS**				**Yes**			**78**	**---**	**---**	**---**	**78**	**165**	**170**	**175**	**180**	**165**
O&M	REAL ESTATE, LAND SERVICES & FACILITIES	HQ FACILITIES MAINTENANCE	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	1,508	---	---	---	1,508	1,395	1,437	1,480	1,524	1,395
O&M	**REAL ESTATE, LAND SERVICES & FACILITIES**	**SubTotal HQ FACILITIES MAINTENANCE**				**Yes**			**1,508**	**---**	**---**	**---**	**1,508**	**1,395**	**1,437**	**1,480**	**1,524**	**1,395**
O&M	REAL ESTATE, LAND SERVICES & FACILITIES	REAL ESTATE PLANNING	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	1,165	---	---	---	1,165	1,450	1,494	1,539	1,585	1,450
O&M	**REAL ESTATE, LAND SERVICES & FACILITIES**	**SubTotal REAL ESTATE PLANNING**				**Yes**			**1,165**	**---**	**---**	**---**	**1,165**	**1,450**	**1,494**	**1,539**	**1,585**	**1,450**
O&M	REAL ESTATE, LAND SERVICES & FACILITIES	SDG&E FACILITIES OPERATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	On-Going	Annual	4,926	---	---	---	4,926	5,905	6,082	6,266	6,452	5,905
O&M	**REAL ESTATE, LAND SERVICES & FACILITIES**	**SubTotal SDG&E FACILITIES OPERATIONS**				**Yes**			**4,926**	**---**	**---**	**---**	**4,926**	**5,905**	**6,082**	**6,266**	**6,452**	**5,905**
O&M	REAL ESTATE, LAND SERVICES & FACILITIES	SDG&E RENTS	Non-RAMP	Non-RAMP	Non-RAMP	No			6,108	---	---	---	6,108	5,451	5,615	5,783	5,956	5,451
O&M	**REAL ESTATE, LAND SERVICES & FACILITIES**	**SubTotal SDG&E RENTS**				**Yes**			**6,108**	**---**	**---**	**---**	**6,108**	**5,451**	**5,615**	**5,783**	**5,956**	**5,451**
O&M	REAL ESTATE, LAND SERVICES & FACILITIES	SDG&E SECURITY	Non-RAMP	Non-RAMP	Non-RAMP	No	On-Going	Annual	1,858	---	---	---	1,858	2,045	2,107	2,170	2,235	2,045
O&M	REAL ESTATE, LAND SERVICES & FACILITIES	SDG&E SECURITY	Physical Security	Contract Security	N/A	No	On-Going	Annual	1,858	---	---	---	1,858	2,045	2,106	2,169	2,234	2,045
O&M	**REAL ESTATE, LAND SERVICES & FACILITIES**	**SubTotal SDG&E SECURITY**				**Yes**			**3,716**	**---**	**---**	**---**	**3,716**	**4,090**	**4,213**	**4,339**	**4,469**	**4,090**
O&M	REAL ESTATE, LAND SERVICES & FACILITIES	SHARED SERVICES OPEX MAINT	Non-RAMP	Non-RAMP	Non-RAMP	No	On-Going	Annual	3,393	---	---	---	3,393	3,261	3,359	3,460	3,564	3,261
O&M	**REAL ESTATE, LAND SERVICES & FACILITIES**	**SubTotal SHARED SERVICES OPEX MAINT**				**Yes**			**3,393**	**---**	**---**	**---**	**3,393**	**3,261**	**3,359**	**3,460**	**3,564**	**3,261**
O&M	REAL ESTATE, LAND SERVICES & FACILITIES	SHARED SERVICES RENTS	Non-RAMP	Non-RAMP	Non-RAMP	No			13,055	---	---	---	13,055	12,193	12,559	12,936	13,324	12,193
O&M	**REAL ESTATE, LAND SERVICES & FACILITIES**	**SubTotal SHARED SERVICES RENTS**				**Yes**			**13,055**	**---**	**---**	**---**	**13,055**	**12,193**	**12,559**	**12,936**	**13,324**	**12,193**
O&M	REAL ESTATE, LAND SERVICES & FACILITIES	TRIBAL RELATIONS & LAND SERVICES	Non-RAMP	Non-RAMP	Non-RAMP	No	On-Going	Annual	1,476	---	---	---	1,476	1,030	1,061	1,093	1,126	1,030
O&M	**REAL ESTATE, LAND SERVICES & FACILITIES**	**SubTotal TRIBAL RELATIONS & LAND SERVICES**				**Yes**			**1,476**	**---**	**---**	**---**	**1,476**	**1,030**	**1,061**	**1,093**	**1,126**	**1,030**
O&M	REAL ESTATE, LAND SERVICES & FACILITIES	VP OPERATIONS SUPPORT	Non-RAMP	Non-RAMP	Non-RAMP	No			462	---	---	---	462	398	410	422	435	398
O&M	**REAL ESTATE, LAND SERVICES & FACILITIES**	**SubTotal VP OPERATIONS SUPPORT**				**Yes**			**462**	**---**	**---**	**---**	**462**	**398**	**410**	**422**	**435**	**398**

SDG&E REAL ESTATE, LAND SERVICES & FACILITY OPERATIONS O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference ($)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
O&M	REAL ESTATE, LAND SERVICES & FACILITY OPERATIONS	REAL ESTATE, LAND SERVICES & FACILITY OPERATIONS				Yes	835	(4,153)	(6,814)	(6,894)	835	13%	-100%	-100%	-100%	13%
O&M	REAL ESTATE, LAND SERVICES & FACILITIES	CORPORATE REAL ESTATE	Non-RAMP	Non-RAMP	Non-RAMP	No	103	(687)	(709)	(729)	103	15%	-100%	-100%	-100%	15%
O&M	**REAL ESTATE, LAND SERVICES & FACILITIES**	**SubTotal CORPORATE REAL ESTATE**				**Yes**	**103**	**(687)**	**(709)**	**(729)**	**103**	**15%**	**-100%**	**-100%**	**-100%**	**15%**
O&M	REAL ESTATE, LAND SERVICES & FACILITIES	FACILITES OPS - SHARED SERVICES	Non-RAMP	Non-RAMP	Non-RAMP	No	(96)	(4,403)	(4,617)	(4,756)	(96)	-2%	-100%	-100%	-100%	-2%
O&M	**REAL ESTATE, LAND SERVICES & FACILITIES**	**SubTotal FACILITES OPS - SHARED SERVICES**				**Yes**	**(96)**	**(4,403)**	**(4,617)**	**(4,756)**	**(96)**	**-2%**	**-100%**	**-100%**	**-100%**	**-2%**
O&M	REAL ESTATE, LAND SERVICES & FACILITIES	FACILITIES CAPITAL PROGRAMS	Non-RAMP	Non-RAMP	Non-RAMP	No	(87)	(170)	(175)	(180)	(87)	-53%	-100%	-100%	-100%	-53%
O&M	**REAL ESTATE, LAND SERVICES & FACILITIES**	**SubTotal FACILITIES CAPITAL PROGRAMS**				**Yes**	**(87)**	**(170)**	**(175)**	**(180)**	**(87)**	**-53%**	**-100%**	**-100%**	**-100%**	**-53%**
O&M	REAL ESTATE, LAND SERVICES & FACILITIES	HQ FACILITIES MAINTENANCE	Non-RAMP	Non-RAMP	Non-RAMP	No	113	(1,437)	(1,480)	(1,524)	113	8%	-100%	-100%	-100%	8%
O&M	**REAL ESTATE, LAND SERVICES & FACILITIES**	**SubTotal HQ FACILITIES MAINTENANCE**				**Yes**	**113**	**(1,437)**	**(1,480)**	**(1,524)**	**113**	**8%**	**-100%**	**-100%**	**-100%**	**8%**
O&M	REAL ESTATE, LAND SERVICES & FACILITIES	REAL ESTATE PLANNING	Non-RAMP	Non-RAMP	Non-RAMP	No	(285)	(1,496)	(1,539)	(1,585)	(285)	-20%	-100%	-100%	-100%	-20%
O&M	**REAL ESTATE, LAND SERVICES & FACILITIES**	**SubTotal REAL ESTATE PLANNING**				**Yes**	**(285)**	**(1,496)**	**(1,539)**	**(1,585)**	**(285)**	**-20%**	**-100%**	**-100%**	**-100%**	**-20%**
O&M	REAL ESTATE, LAND SERVICES & FACILITIES	SDG&E FACILITIES OPERATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	(979)	(6,082)	(6,264)	(6,452)	(979)	-17%	-100%	-100%	-100%	-17%
O&M	**REAL ESTATE, LAND SERVICES & FACILITIES**	**SubTotal SDG&E FACILITIES OPERATIONS**				**Yes**	**(979)**	**(6,082)**	**(6,264)**	**(6,452)**	**(979)**	**-17%**	**-100%**	**-100%**	**-100%**	**-17%**
O&M	REAL ESTATE, LAND SERVICES & FACILITIES	SDG&E RENTS	Non-RAMP	Non-RAMP	Non-RAMP	No	657	(5,615)	(5,783)	(5,956)	657	12%	-100%	-100%	-100%	12%
O&M	**REAL ESTATE, LAND SERVICES & FACILITIES**	**SubTotal SDG&E RENTS**				**Yes**	**657**	**(5,615)**	**(5,783)**	**(5,956)**	**657**	**12%**	**-100%**	**-100%**	**-100%**	**12%**
O&M	REAL ESTATE, LAND SERVICES & FACILITIES	SDG&E SECURITY	Non-RAMP	Non-RAMP	Non-RAMP	No	(187)	(2,107)	(2,170)	(2,235)	(187)	-9%	-100%	-100%	-100%	-9%
O&M	REAL ESTATE, LAND SERVICES & FACILITIES	SDG&E SECURITY	Physical Security	Control Security	N/A	No	(187)	(2,106)	(2,169)	(2,234)	(187)	-9%	-100%	-100%	-100%	-9%
O&M	**REAL ESTATE, LAND SERVICES & FACILITIES**	**SubTotal SDG&E SECURITY**				**Yes**	**(374)**	**(4,213)**	**(4,339)**	**(4,469)**	**(374)**	**-9%**	**-100%**	**-100%**	**-100%**	**-9%**
O&M	REAL ESTATE, LAND SERVICES & FACILITIES	SHARED SERVICES OPEX MAINT	Non-RAMP	Non-RAMP	Non-RAMP	No	132	(3,359)	(3,460)	(3,564)	132	4%	-100%	-100%	-100%	4%
O&M	**REAL ESTATE, LAND SERVICES & FACILITIES**	**SubTotal SHARED SERVICES OPEX MAINT**				**Yes**	**132**	**(3,259)**	**(3,460)**	**(3,564)**	**132**	**4%**	**-100%**	**-100%**	**-100%**	**4%**
O&M	REAL ESTATE, LAND SERVICES & FACILITIES	SHARED SERVICES RENTS	Non-RAMP	Non-RAMP	Non-RAMP	No	862	(12,589)	(12,936)	(13,324)	862	7%	-100%	-100%	-100%	7%
O&M	**REAL ESTATE, LAND SERVICES & FACILITIES**	**SubTotal SHARED SERVICES RENTS**				**Yes**	**862**	**(12,589)**	**(12,936)**	**(13,324)**	**862**	**7%**	**-100%**	**-100%**	**-100%**	**7%**
O&M	REAL ESTATE, LAND SERVICES & FACILITIES	TRIBAL RELATIONS & LAND SERVICES	Non-RAMP	Non-RAMP	Non-RAMP	No	446	(1,061)	(1,093)	(1,126)	446	43%	-100%	-100%	-100%	43%
O&M	**REAL ESTATE, LAND SERVICES & FACILITIES**	**SubTotal TRIBAL RELATIONS & LAND SERVICES**				**Yes**	**446**	**(1,061)**	**(1,093)**	**(1,126)**	**446**	**43%**	**-100%**	**-100%**	**-100%**	**43%**
O&M	REAL ESTATE, LAND SERVICES & FACILITIES	VP OPERATIONS SUPPORT	Non-RAMP	Non-RAMP	Non-RAMP	No	64	(410)	(422)	(435)	64	16%	-100%	-100%	-100%	16%
O&M	**REAL ESTATE, LAND SERVICES & FACILITIES**	**SubTotal VP OPERATIONS SUPPORT**				**Yes**	**64**	**(410)**	**(422)**	**(435)**	**64**	**16%**	**-100%**	**-100%**	**-100%**	**16%**

SDG&E REAL ESTATE, LAND SERVICES & FACILITY OPERATIONS O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
O&M	REAL ESTATE, LAND SERVICES & FACILITY OPERATIONS	REAL ESTATE, LAND SERVICES & FACILITY OPERATIONS				Yes																					
O&M	REAL ESTATE, LAND SERVICES & FACILITIES	CORPORATE REAL ESTATE	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	**REAL ESTATE, LAND SERVICES & FACILITIES**	**SubTotal CORPORATE REAL ESTATE**				**Yes**																					
O&M	REAL ESTATE, LAND SERVICES & FACILITIES	FACILITES OPS - SHARED SERVICES	Non-RAMP	Non-RAMP	Non-RAMP	No	Units are not available for this workpaper due to highly diverse activities and the absence of the units that would be comparable year over year. Facilities Operations' expenses consist of labor and non-labor costs necessary to maintain the Century Park Complex, Rancho Bernardo Data Center, and the Scripps Headquarters buildings. Some activities such as facility engineering and janitorial services are outsourced due to the size and complexity of the buildings.																	
O&M	**REAL ESTATE, LAND SERVICES & FACILITIES**	**SubTotal FACILITIES OPS - SHARED SERVICES**				**Yes**																					
O&M	REAL ESTATE, LAND SERVICES & FACILITIES	FACILITIES CAPITAL PROGRAMS	Non-RAMP	Non-RAMP	Non-RAMP	No	FTE	0				0	1				1	(1)	0	0	0	(1)	(60)%	0 %	0%	0 %	(60)%
O&M	**REAL ESTATE, LAND SERVICES & FACILITIES**	**SubTotal FACILITIES CAPITAL PROGRAMS**				**Yes**																					
O&M	REAL ESTATE, LAND SERVICES & FACILITIES	HQ FACILITIES MAINTENANCE	Non-RAMP	Non-RAMP	Non-RAMP	No	Square footage	535,140				535,140	495,072				495,072	40,068	0	0	0	40,068	8%	0 %	0%	0 %	8%
O&M	**REAL ESTATE, LAND SERVICES & FACILITIES**	**SubTotal HQ FACILITIES MAINTENANCE**				**Yes**																					
O&M	REAL ESTATE, LAND SERVICES & FACILITIES	REAL ESTATE PLANNING	Non-RAMP	Non-RAMP	Non-RAMP	No	FTE	4				4	7				7	(3)	0	0	0	(3)	(60)%	0 %	0%	0 %	(60)%
O&M	**REAL ESTATE, LAND SERVICES & FACILITIES**	**SubTotal REAL ESTATE PLANNING**				**Yes**																					
O&M	REAL ESTATE, LAND SERVICES & FACILITIES	SDG&E FACILITIES OPERATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	Units are not available for this workpaper due to highly diverse activities and the absence of the units that would be comparable year over year. Facilities Operations' expenses consist of labor and non-labor costs necessary to maintain the construction and operation centers, telecommunication sites, warehouse and branch/bill payment offices. Some activities such as facility engineering and janitorial services are outsourced due to the size and complexity of the buildings.																	
O&M	**REAL ESTATE, LAND SERVICES & FACILITIES**	**SubTotal SDG&E FACILITIES OPERATIONS**				**Yes**																					
O&M	REAL ESTATE, LAND SERVICES & FACILITIES	SDG&E RENTS	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	**REAL ESTATE, LAND SERVICES & FACILITIES**	**SubTotal SDG&E RENTS**				**Yes**																					
O&M	REAL ESTATE, LAND SERVICES & FACILITIES	SDG&E SECURITY	Non-RAMP	Non-RAMP	Non-RAMP	No	Security guards	36				36	36				36	0	0	0	0	0	0%	0 %	0%	0 %	0%
O&M	REAL ESTATE, LAND SERVICES & FACILITIES	SDG&E SECURITY	Physical Security	Control Security	N/A	No	Security guards	36				36	36				36	0	0	0	0	0	0%	0 %	0%	0 %	0%
O&M	**REAL ESTATE, LAND SERVICES & FACILITIES**	**SubTotal SDG&E SECURITY**				**Yes**																					
O&M	REAL ESTATE, LAND SERVICES & FACILITIES	SHARED SERVICES OPEX MAINT	Non-RAMP	Non-RAMP	Non-RAMP	No	Square footage	490,455				490,455	432,943				432,943	17,512	0	0	0	17,512	4%	0 %	0%	0 %	4%
O&M	**REAL ESTATE, LAND SERVICES & FACILITIES**	**SubTotal SHARED SERVICES OPEX MAINT**				**Yes**																					
O&M	REAL ESTATE, LAND SERVICES & FACILITIES	SHARED SERVICES RENTS	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	**REAL ESTATE, LAND SERVICES & FACILITIES**	**SubTotal SHARED SERVICES RENTS**				**Yes**																					
O&M	REAL ESTATE, LAND SERVICES & FACILITIES	TRIBAL RELATIONS & LAND SERVICES	Non-RAMP	Non-RAMP	Non-RAMP	No	FTE	1				1	2				2	(1)	0	0	0	(1)	(63)%	0 %	0%	0 %	(63)%
O&M	**REAL ESTATE, LAND SERVICES & FACILITIES**	**SubTotal TRIBAL RELATIONS & LAND SERVICES**				**Yes**																					
O&M	REAL ESTATE, LAND SERVICES & FACILITIES	VP OPERATIONS SUPPORT	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	**REAL ESTATE, LAND SERVICES & FACILITIES**	**SubTotal VP OPERATIONS SUPPORT**				**Yes**																					

SDG&E REAL ESTATE, LAND SERVICES & FACILITY OPERATIONS O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Safety Reliability, or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status	Status Variance Explanation Required?
O&M	REAL ESTATE, LAND SERVICES & FACILITY OPERATIONS	REAL ESTATE, LAND SERVICES & FACILITY OPERATIONS				Yes										
O&M	REAL ESTATE, LAND SERVICES & FACILITIES	CORPORATE REAL ESTATE	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
O&M	**REAL ESTATE, LAND SERVICES & FACILITIES**	**SubTotal CORPORATE REAL ESTATE**				**Yes**	**NO**	NO								NO
O&M	REAL ESTATE, LAND SERVICES & FACILITIES	FACILITES OPS - SHARED SERVICES	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**REAL ESTATE, LAND SERVICES & FACILITIES**	**SubTotal FACILITES OPS - SHARED SERVICES**				**Yes**	**YES**	**NO**								**NO**
O&M	REAL ESTATE, LAND SERVICES & FACILITIES	FACILITIES CAPITAL PROGRAMS	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	YES	N/A	The underrun in the unit variance for this workpaper is due to shifting FTEs to support the Century Park Building 4 tenant improvement as well as the Kearny Master Plan capital projects.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**REAL ESTATE, LAND SERVICES & FACILITIES**	**SubTotal FACILITIES CAPITAL PROGRAMS**				**Yes**	**YES**	**NO**								**NO**
O&M	REAL ESTATE, LAND SERVICES & FACILITIES	HQ FACILITIES MAINTENANCE	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**REAL ESTATE, LAND SERVICES & FACILITIES**	**SubTotal HQ FACILITIES MAINTENANCE**				**Yes**	**YES**	**NO**								**NO**
O&M	REAL ESTATE, LAND SERVICES & FACILITIES	REAL ESTATE PLANNING	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	YES	N/A	The underrun in the unit variance for this workpaper is due to shifting FTEs to support the Century Park Building 4 tenant improvement as well as the Kearny Master Plan capital projects.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**REAL ESTATE, LAND SERVICES & FACILITIES**	**SubTotal REAL ESTATE PLANNING**				**Yes**	**YES**	**NO**								**NO**
O&M	REAL ESTATE, LAND SERVICES & FACILITIES	SDG&E FACILITIES OPERATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**REAL ESTATE, LAND SERVICES & FACILITIES**	**SubTotal SDG&E FACILITIES OPERATIONS**				**Yes**	**YES**	**NO**								**NO**
O&M	REAL ESTATE, LAND SERVICES & FACILITIES	SDG&E RENTS	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
O&M	**REAL ESTATE, LAND SERVICES & FACILITIES**	**SubTotal SDG&E RENTS**				**Yes**	**NO**	NO								NO
O&M	REAL ESTATE, LAND SERVICES & FACILITIES	SDG&E SECURITY	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	REAL ESTATE, LAND SERVICES & FACILITIES	SDG&E SECURITY	Physical Security	Control Security	N/A	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**REAL ESTATE, LAND SERVICES & FACILITIES**	**SubTotal SDG&E SECURITY**				**Yes**	**YES**	**NO**								**NO**
O&M	REAL ESTATE, LAND SERVICES & FACILITIES	SHARED SERVICES OPEX MAINT	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**REAL ESTATE, LAND SERVICES & FACILITIES**	**SubTotal SHARED SERVICES OPEX MAINT**				**Yes**	**YES**	**NO**								**NO**
O&M	REAL ESTATE, LAND SERVICES & FACILITIES	SHARED SERVICES RENTS	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
O&M	**REAL ESTATE, LAND SERVICES & FACILITIES**	**SubTotal SHARED SERVICES RENTS**				**Yes**	**NO**	NO								NO
O&M	REAL ESTATE, LAND SERVICES & FACILITIES	TRIBAL RELATIONS & LAND SERVICES	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	YES	N/A	The underrun in the unit variance for this workpaper is due to shifting FTEs to support land easements for critical distribution and transmission capital projects.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**REAL ESTATE, LAND SERVICES & FACILITIES**	**SubTotal TRIBAL RELATIONS & LAND SERVICES**				**Yes**	**YES**	**NO**								**NO**
O&M	REAL ESTATE, LAND SERVICES & FACILITIES	VP OPERATIONS SUPPORT	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
O&M	**REAL ESTATE, LAND SERVICES & FACILITIES**	**SubTotal VP OPERATIONS SUPPORT**				**Yes**	**NO**	NO								NO

SDG&E REAL ESTATE, LAND SERVICES & FACILITY OPERATIONS O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Status Variance Explanation	WP Activity Description	2028 GRC Testimony Location
O&M	REAL ESTATE, LAND SERVICES & FACILITY	REAL ESTATE, LAND SERVICES & FACILITY OPERATIONS				Yes			
O&M	REAL ESTATE, LAND SERVICES & FACILITIES	CORPORATE REAL ESTATE	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**REAL ESTATE, LAND SERVICES & FACILITIES**	**SubTotal CORPORATE REAL ESTATE**				**Yes**			
O&M	REAL ESTATE, LAND SERVICES & FACILITIES	FACILITES OPS - SHARED SERVICES	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
O&M	**REAL ESTATE, LAND SERVICES & FACILITIES**	**SubTotal FACILITES OPS - SHARED SERVICES**				**Yes**			
O&M	REAL ESTATE, LAND SERVICES & FACILITIES	FACILITIES CAPITAL PROGRAMS	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A	This cost center contains the costs for the facilities capital programs manager and support staff. This group is responsible for overall planning, budgeting, scheduling, tracking, and the implementation of authorized capital construction projects internal to our facilities, which support SDG&E and affiliates.	SDG&E-23 DT- 24 to DT-25 WP 2100-3025.000
O&M	**REAL ESTATE, LAND SERVICES & FACILITIES**	**SubTotal FACILITIES CAPITAL PROGRAMS**				**Yes**			
O&M	REAL ESTATE, LAND SERVICES & FACILITIES	HQ FACILITIES MAINTENANCE	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
O&M	**REAL ESTATE, LAND SERVICES & FACILITIES**	**SubTotal HQ FACILITIES MAINTENANCE**				**Yes**			
O&M	REAL ESTATE, LAND SERVICES & FACILITIES	REAL ESTATE PLANNING	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A	The Real Estate Planning group provides space and site planning services to SDG&E, some affiliates and Corporate Center. This group also coordinates with our Moves, Adds, and Changes (MAC) team for employee moves involving furniture and equipment.	SDG&E-23 DT- 25 to DT-26 WP 2100-0706.000
O&M	**REAL ESTATE, LAND SERVICES & FACILITIES**	**SubTotal REAL ESTATE PLANNING**				**Yes**			
O&M	REAL ESTATE, LAND SERVICES & FACILITIES	SDG&E FACILITIES OPERATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
O&M	**REAL ESTATE, LAND SERVICES & FACILITIES**	**SubTotal SDG&E FACILITIES OPERATIONS**				**Yes**			
O&M	REAL ESTATE, LAND SERVICES & FACILITIES	SDG&E RENTS	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**REAL ESTATE, LAND SERVICES & FACILITIES**	**SubTotal SDG&E RENTS**				**Yes**			
O&M	REAL ESTATE, LAND SERVICES & FACILITIES	SDG&E SECURITY	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
O&M	REAL ESTATE, LAND SERVICES & FACILITIES	SDG&E SECURITY	Physical Security	Control Security	N/A	No	N/A		
O&M	**REAL ESTATE, LAND SERVICES & FACILITIES**	**SubTotal SDG&E SECURITY**				**Yes**			
O&M	REAL ESTATE, LAND SERVICES & FACILITIES	SHARED SERVICES OPEX MAINT	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
O&M	**REAL ESTATE, LAND SERVICES & FACILITIES**	**SubTotal SHARED SERVICES OPEX MAINT**				**Yes**			
O&M	REAL ESTATE, LAND SERVICES & FACILITIES	SHARED SERVICES RENTS	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**REAL ESTATE, LAND SERVICES & FACILITIES**	**SubTotal SHARED SERVICES RENTS**				**Yes**			
O&M	REAL ESTATE, LAND SERVICES & FACILITIES	TRIBAL RELATIONS & LAND SERVICES	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A	Tribal Relations and Land Services provides land management, right of way and surveying services for protection and enforcement of land rights, securing easements, and right of ways, as well as the management of survey contractors. Land Management responds to infractions (e.g., vehicle removal, gate/lock installation, or relocation of propane tanks under fence) of CPUC General Order operating standards and utility-developed standards related to land rights. Right of Way is responsible for the negotiation and acquisition of land rights in the form of easements, rights of way, licenses, and leases. Land Survey support is responsible for the management, service delivery, and quality assurance oversight of survey contractors.	SDG&E-23 DT- 10 to DT-13 WP 1RE00E.000
O&M	**REAL ESTATE, LAND SERVICES & FACILITIES**	**SubTotal TRIBAL RELATIONS & LAND SERVICES**				**Yes**			
O&M	REAL ESTATE, LAND SERVICES & FACILITIES	VP OPERATIONS SUPPORT	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**REAL ESTATE, LAND SERVICES & FACILITIES**	**SubTotal VP OPERATIONS SUPPORT**				**Yes**			

SDG&E SUPPLY MANAGEMENT, LOGISTICS, & SUPPLIER DIVERSITY O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date ($)
O&M	SUPPLY MANAGEMENT, LOGISTICS, & SUPPLIER DIVERSITY	SUPPLY MANAGEMENT, LOGISTICS, & SUPPLIER DIVERSITY				Yes			13,914	—	—	—	13,914	14,336	14,413	14,491	14,491	14,491
O&M	SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY	CUSTOMER PROGRAMS & SUPPORT SERVICES	Non-RAMP	Non-RAMP	Non-RAMP	No			2,699	—	—	—	2,699	1,312	1,351	1,392	1,434	1,312
O&M	**SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY**	**SubTotal CUSTOMER PROGRAMS & SUPPORT SERVICES**				**Yes**			**2,699**	**—**	**—**	**—**	**2,699**	**1,312**	**1,351**	**1,392**	**1,434**	**1,312**
O&M	SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY	ELECTRIC PORTFOLIO	Non-RAMP	Non-RAMP	Non-RAMP	No			3,253	—	—	—	3,253	2,222	2,289	2,358	2,429	2,222
O&M	**SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY**	**SubTotal ELECTRIC PORTFOLIO**				**Yes**			**3,253**	**—**	**—**	**—**	**3,253**	**2,222**	**2,289**	**2,358**	**2,429**	**2,222**
O&M	SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY	IT & TELECOM PORTFOLIO - SDG&E	Non-RAMP	Non-RAMP	Non-RAMP	No			3,749	—	—	—	3,749	2,152	2,216	2,282	2,350	2,152
O&M	**SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY**	**SubTotal IT & TELECOM PORTFOLIO - SDG&E**				**Yes**			**3,749**	**—**	**—**	**—**	**3,749**	**2,151**	**2,216**	**2,282**	**2,350**	**2,151**
O&M	SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY	LOGISTICS SHOPS SOUTH - PURCHASING POOL	Non-RAMP	Non-RAMP	Non-RAMP	No			4,280	—	—	—	4,280	1,291	1,330	1,370	1,411	1,291
O&M	**SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY**	**SubTotal LOGISTICS SHOPS SOUTH - PURCHASING POOL**				**Yes**			**4,280**	**—**	**—**	**—**	**4,280**	**1,291**	**1,330**	**1,370**	**1,411**	**1,291**
O&M	SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY	LOGISTICS SHOPS SOUTH - WAREHOUSE POOL	Non-RAMP	Non-RAMP	Non-RAMP	No	Ongoing	Annual	9,005	—	—	—	9,005	7,625	7,854	8,090	8,333	7,625
O&M	**SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY**	**SubTotal LOGISTICS SHOPS SOUTH - WAREHOUSE POOL**				**Yes**			**9,005**	**—**	**—**	**—**	**9,005**	**7,625**	**7,854**	**8,090**	**8,333**	**7,625**
O&M	SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY	OFFICE SERVICES - NON-SHARED SERVICES	Non-RAMP	Non-RAMP	Non-RAMP	No	Ongoing	Annual	3,472	—	—	—	3,472	3,363	3,464	3,568	3,675	3,363
O&M	**SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY**	**SubTotal OFFICE SERVICES - NON-SHARED SERVICES**				**Yes**			**3,472**	**—**	**—**	**—**	**3,472**	**3,363**	**3,464**	**3,568**	**3,675**	**3,363**
O&M	SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY	OFFICE SERVICES - SHARED SERVICES	Non-RAMP	Non-RAMP	Non-RAMP	No			488	—	—	—	488	565	582	599	617	565
O&M	**SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY**	**SubTotal OFFICE SERVICES - SHARED SERVICES**				**Yes**			**488**	**—**	**—**	**—**	**488**	**565**	**582**	**599**	**617**	**565**
O&M	SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY	STRATEGY & SUPPLY CHAIN SUSTAINABILITY	Non-RAMP	Non-RAMP	Non-RAMP	No			2,403	—	—	—	2,403	858	884	911	938	858
O&M	**SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY**	**SubTotal STRATEGY & SUPPLY CHAIN SUSTAINABILITY**				**Yes**			**2,403**	**—**	**—**	**—**	**2,403**	**858**	**884**	**911**	**938**	**858**
O&M	SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY	SUPPLIER DIVERSITY	Non-RAMP	Non-RAMP	Non-RAMP	No			940	—	—	—	940	941	969	998	1,028	941
O&M	**SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY**	**SubTotal SUPPLIER DIVERSITY**				**Yes**			**940**	**—**	**—**	**—**	**940**	**941**	**969**	**998**	**1,028**	**941**
O&M	SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY	SUPPLY OPERATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No			611	—	—	—	611	1,477	1,521	1,567	1,614	1,477
O&M	**SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY**	**SubTotal SUPPLY OPERATIONS**				**Yes**			**611**	**—**	**—**	**—**	**611**	**1,477**	**1,521**	**1,567**	**1,614**	**1,477**
O&M	SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY	TECHNOLOGY, INTELLIGENCE, POLICY & SOLUTIONS	Non-RAMP	Non-RAMP	Non-RAMP	No			2,386	—	—	—	2,386	1,521	1,567	1,614	1,662	1,521
O&M	**SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY**	**SubTotal TECHNOLOGY, INTELLIGENCE, POLICY & SOLUTIONS**				**Yes**			**2,386**	**—**	**—**	**—**	**2,386**	**1,521**	**1,567**	**1,614**	**1,662**	**1,521**
O&M	SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY	GAS PORTFOLIO	Non-RAMP	Non-RAMP	Non-RAMP	No			717	—	—	—	717	—	—	—	—	—
O&M	**SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY**	**SubTotal GAS PORTFOLIO**				**Yes**			**717**	**—**	**—**	**—**	**717**	**—**	**—**	**—**	**—**	**—**

SDG&E SUPPLY MANAGEMENT, LOGISTICS, & SUPPLIER DIVERSITY O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Annual Cost Difference 2026	Annual Cost Difference 2025	Annual Cost Difference 2024	Annual Cost Difference 2027	Cost to Date Difference ($)	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
O&M	SUPPLY MANAGEMENT, LOGISTICS, & SUPPLIER DIVERSITY	SUPPLY MANAGEMENT, LOGISTICS, & SUPPLIER DIVERSITY				Yes	16,648	(14,637)	(24,328)	(25,691)	16,648	8%	-100%	-100%	-100%	8%
O&M	SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY	CUSTOMER PROGRAMS & SUPPORT SERVICES	Non-RAMP	Non-RAMP	Non-RAMP	No	1,297	(1,351)	(1,392)	(1,454)	1,297	99%	-100%	-100%	-100%	99%
O&M	**SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY**	**SubTotal CUSTOMER PROGRAMS & SUPPORT SERVICES**				**Yes**	**1,297**	**(1,351)**	**(1,392)**	**(1,454)**	**1,297**	**99%**	**-100%**	**-100%**	**-100%**	**99%**
O&M	SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY	ELECTRIC PORTFOLIO	Non-RAMP	Non-RAMP	Non-RAMP	No	1,003	(2,289)	(2,338)	(2,429)	1,003	45%	-100%	-100%	-100%	45%
O&M	**SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY**	**SubTotal ELECTRIC PORTFOLIO**				**Yes**	**1,003**	**(2,289)**	**(2,338)**	**(2,429)**	**1,003**	**45%**	**-100%**	**-100%**	**-100%**	**45%**
O&M	SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY	IT & TELECOM PORTFOLIO - SDG&E	Non-RAMP	Non-RAMP	Non-RAMP	No	1,598	(2,216)	(2,282)	(2,388)	1,598	74%	-100%	-100%	-100%	74%
O&M	**SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY**	**SubTotal IT & TELECOM PORTFOLIO - SDG&E**				**Yes**	**1,598**	**(2,216)**	**(2,282)**	**(2,388)**	**1,598**	**74%**	**-100%**	**-100%**	**-100%**	**74%**
O&M	SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY	LOGISTICS SHOPS SOUTH - PURCHASING POOL	Non-RAMP	Non-RAMP	Non-RAMP	No	2,989	(1,330)	(1,370)	(1,411)	2,989	232%	-100%	-100%	-100%	232%
O&M	**SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY**	**SubTotal LOGISTICS SHOPS SOUTH - PURCHASING POOL**				**Yes**	**2,989**	**(1,330)**	**(1,370)**	**(1,411)**	**2,989**	**232%**	**-100%**	**-100%**	**-100%**	**232%**
O&M	SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY	LOGISTICS SHOPS SOUTH - WAREHOUSE POOL	Non-RAMP	Non-RAMP	Non-RAMP	No	1,380	(7,858)	(8,090)	(8,333)	1,380	18%	-100%	-100%	-100%	18%
O&M	**SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY**	**SubTotal LOGISTICS SHOPS SOUTH - WAREHOUSE POOL**				**Yes**	**1,380**	**(7,858)**	**(8,090)**	**(8,333)**	**1,380**	**18%**	**-100%**	**-100%**	**-100%**	**18%**
O&M	SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY	OFFICE SERVICES - NON-SHARED SERVICES	Non-RAMP	Non-RAMP	Non-RAMP	No	109	(3,464)	(3,568)	(3,675)	109	3%	-100%	-100%	-100%	3%
O&M	**SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY**	**SubTotal OFFICE SERVICES - NON-SHARED SERVICES**				**Yes**	**109**	**(3,464)**	**(3,568)**	**(3,675)**	**109**	**3%**	**-100%**	**-100%**	**-100%**	**3%**
O&M	SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY	OFFICE SERVICES - SHARED SERVICES	Non-RAMP	Non-RAMP	Non-RAMP	No	(77)	(582)	(599)	(617)	(77)	-14%	-100%	-100%	-100%	-14%
O&M	**SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY**	**SubTotal OFFICE SERVICES - SHARED SERVICES**				**Yes**	**(77)**	**(582)**	**(599)**	**(617)**	**(77)**	**-14%**	**-100%**	**-100%**	**-100%**	**-14%**
O&M	SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY	STRATEGY & SUPPLY CHAIN SUSTAINABILITY	Non-RAMP	Non-RAMP	Non-RAMP	No	1,627	(866)	(911)	(938)	1,627	190%	-100%	-100%	-100%	190%
O&M	**SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY**	**SubTotal STRATEGY & SUPPLY CHAIN SUSTAINABILITY**				**Yes**	**1,627**	**(866)**	**(911)**	**(938)**	**1,627**	**190%**	**-100%**	**-100%**	**-100%**	**190%**
O&M	SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY	SUPPLIER DIVERSITY	Non-RAMP	Non-RAMP	Non-RAMP	No	(1)	(969)	(998)	(1,028)	(1)	-0%	-100%	-100%	-100%	-0%
O&M	**SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY**	**SubTotal SUPPLIER DIVERSITY**				**Yes**	**(1)**	**(969)**	**(998)**	**(1,028)**	**(1)**	**-0%**	**-100%**	**-100%**	**-100%**	**-0%**
O&M	SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY	SUPPLY OPERATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	(866)	(1,521)	(1,567)	(1,614)	(866)	-59%	-100%	-100%	-100%	-59%
O&M	**SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY**	**SubTotal SUPPLY OPERATIONS**				**Yes**	**(866)**	**(1,521)**	**(1,567)**	**(1,614)**	**(866)**	**-59%**	**-100%**	**-100%**	**-100%**	**-59%**
O&M	SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY	TECHNOLOGY, INTELLIGENCE, POLICY & SOLUTIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	865	(1,567)	(1,614)	(1,662)	865	57%	-100%	-100%	-100%	57%
O&M	**SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY**	**SubTotal TECHNOLOGY, INTELLIGENCE, POLICY & SOLUTIONS**				**Yes**	**865**	**(1,567)**	**(1,614)**	**(1,662)**	**865**	**57%**	**-100%**	**-100%**	**-100%**	**57%**
O&M	SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY	GAS PORTFOLIO	Non-RAMP	Non-RAMP	Non-RAMP	No	717	–	–	–	717	100%	—%	—%	—%	100%
O&M	**SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY**	**SubTotal GAS PORTFOLIO**				**Yes**	**717**	**–**	**–**	**–**	**717**	**100%**	**—%**	**—%**	**—%**	**100%**

SDG&E SUPPLY MANAGEMENT, LOGISTICS, & SUPPLIER DIVERSITY O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
O&M	SUPPLY MANAGEMENT, LOGISTICS, & SUPPLIER DIVERSITY	SUPPLY MANAGEMENT, LOGISTICS, & SUPPLIER DIVERSITY				Yes																					
O&M	SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY	CUSTOMER PROGRAMS & SUPPORT SERVICES	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	**SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY**	**SubTotal CUSTOMER PROGRAMS & SUPPORT SERVICES**				**Yes**																					
O&M	SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY	ELECTRIC PORTFOLIO	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	**SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY**	**SubTotal ELECTRIC PORTFOLIO**				**Yes**																					
O&M	SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY	IT & TELECOM PORTFOLIO - SDG&E	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	**SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY**	**SubTotal IT & TELECOM PORTFOLIO - SDG&E**				**Yes**																					
O&M	SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY	LOGISTICS SHOPS SOUTH - PURCHASING POOL	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	**SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY**	**SubTotal LOGISTICS SHOPS SOUTH - PURCHASING POOL**				**Yes**																					
O&M	SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY	LOGISTICS SHOPS SOUTH - WAREHOUSE POOL	Non-RAMP	Non-RAMP	Non-RAMP	No	FTE	45				45	33	33	33	33	33	8	16	16	16	(45)	16%	100%	100%	100%	127%
O&M	**SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY**	**SubTotal LOGISTICS SHOPS SOUTH - WAREHOUSE POOL**				**Yes**																					
O&M	SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY	OFFICE SERVICES - NON-SHARED SERVICES	Non-RAMP	Non-RAMP	Non-RAMP	No	This workpaper manages the third party service contractors that provide services to the copy centers, mail room, onsite food services, employee travel reservations and bookings, along with document archives and records management services. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																				
O&M	**SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY**	**SubTotal OFFICE SERVICES - NON-SHARED SERVICES**				**Yes**																					
O&M	SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY	OFFICE SERVICES - SHARED SERVICES	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	**SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY**	**SubTotal OFFICE SERVICES - SHARED SERVICES**				**Yes**																					
O&M	SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY	STRATEGY & SUPPLYCHAIN SUSTAINABILITY	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	**SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY**	**SubTotal STRATEGY & SUPPLY CHAIN SUSTAINABILITY**				**Yes**																					
O&M	SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY	SUPPLIER DIVERSITY	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	**SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY**	**SubTotal SUPPLIER DIVERSITY**				**Yes**																					
O&M	SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY	SUPPLY OPERATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	**SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY**	**SubTotal SUPPLY OPERATIONS**				**Yes**																					
O&M	SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY	TECHNOLOGY, INTELLIGENCE, POLICY & SOLUTIONS	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	**SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY**	**SubTotal TECHNOLOGY, INTELLIGENCE, POLICY & SOLUTIONS**				**Yes**																					
O&M	SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY	GAS PORTFOLIO	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	**SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY**	**SubTotal GAS PORTFOLIO**				**Yes**																					

SDG&E SUPPLY MANAGEMENT, LOGISTICS, & SUPPLIER DIVERSITY O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Safety Reliability, or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status	Status Variance Explanation Required?
O&M	SUPPLY MANAGEMENT, LOGISTICS, & SUPPLIER DIVERSITY	SUPPLY MANAGEMENT, LOGISTICS, & SUPPLIER DIVERSITY				Yes										
O&M	SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY	CUSTOMER PROGRAMS & SUPPORT SERVICES	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
O&M	**SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY**	**SubTotal CUSTOMER PROGRAMS & SUPPORT SERVICES**				**Yes**	**NO**	NO	NO							NO
O&M	SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY	ELECTRIC PORTFOLIO	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
O&M	**SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY**	**SubTotal ELECTRIC PORTFOLIO**				**Yes**	**NO**	NO	NO							NO
O&M	SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY	IT & TELECOM PORTFOLIO - SDG&E	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
O&M	**SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY**	**SubTotal IT & TELECOM PORTFOLIO - SDG&E**				**Yes**	**NO**	NO	NO							NO
O&M	SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY	LOGISTICS SHOPS SOUTH - PURCHASING POOL	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
O&M	**SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY**	**SubTotal LOGISTICS SHOPS SOUTH - PURCHASING POOL**				**Yes**	**NO**	NO	NO							NO
O&M	SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY	LOGISTICS SHOPS SOUTH - WAREHOUSE POOL	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY**	**SubTotal LOGISTICS SHOPS SOUTH - WAREHOUSE POOL**				**Yes**	**YES**	**NO**								**NO**
O&M	SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY	OFFICE SERVICES - NON-SHARED SERVICES	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY**	**SubTotal OFFICE SERVICES - NON-SHARED SERVICES**				**Yes**	**YES**	**NO**								**NO**
O&M	SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY	OFFICE SERVICES - SHARED SERVICES	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
O&M	**SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY**	**SubTotal OFFICE SERVICES - SHARED SERVICES**				**Yes**	**NO**	NO	NO							NO
O&M	SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY	STRATEGY & SUPPLY CHAIN SUSTAINABILITY	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
O&M	**SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY**	**SubTotal STRATEGY & SUPPLY CHAIN SUSTAINABILITY**				**Yes**	**NO**	NO	NO							NO
O&M	SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY	SUPPLIER DIVERSITY	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
O&M	**SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY**	**SubTotal SUPPLIER DIVERSITY**				**Yes**	**NO**	NO	NO							NO
O&M	SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY	SUPPLY OPERATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
O&M	**SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY**	**SubTotal SUPPLY OPERATIONS**				**Yes**	**NO**	NO	NO							NO
O&M	SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY	TECHNOLOGY, INTELLIGENCE, POLICY & SOLUTIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
O&M	**SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY**	**SubTotal TECHNOLOGY, INTELLIGENCE, POLICY & SOLUTIONS**				**Yes**	**NO**	NO	NO							NO
O&M	SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY	GAS PORTFOLIO	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
O&M	**SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY**	**SubTotal GAS PORTFOLIO**				**Yes**	**NO**	NO	NO							NO

SDG&E SUPPLY MANAGEMENT, LOGISTICS, & SUPPLIER DIVERSITY O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Status Variance Explanation	WP Activity Description	2024 GRC Testimony Location
O&M	SUPPLY MANAGEMENT, LOGISTICS, & SUPPLIER DIVERSITY	SUPPLY MANAGEMENT, LOGISTICS, & SUPPLIER DIVERSITY				Yes			
O&M	SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY	CUSTOMER PROGRAMS & SUPPORT SERVICES	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY**	**SubTotal CUSTOMER PROGRAMS & SUPPORT SERVICES**				**Yes**			
O&M	SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY	ELECTRIC PORTFOLIO	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY**	**SubTotal ELECTRIC PORTFOLIO**				**Yes**			
O&M	SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY	IT & TELECOM PORTFOLIO - SDG&E	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY**	**SubTotal IT & TELECOM PORTFOLIO - SDG&E**				**Yes**			
O&M	SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY	LOGISTICS SHOPS SOUTH - PURCHASING POOL	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY**	**SubTotal LOGISTICS SHOPS SOUTH - PURCHASING POOL**				**Yes**			
O&M	SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY	LOGISTICS SHOPS SOUTH - WAREHOUSE POOL	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
O&M	**SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY**	**SubTotal LOGISTICS SHOPS SOUTH - WAREHOUSE POOL**				**Yes**			
O&M	SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY	OFFICE SERVICES - NON-SHARED SERVICES	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
O&M	**SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY**	**SubTotal OFFICE SERVICES - NON-SHARED SERVICES**				**Yes**			
O&M	SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY	OFFICE SERVICES - SHARED SERVICES	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY**	**SubTotal OFFICE SERVICES - SHARED SERVICES**				**Yes**			
O&M	SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY	STRATEGY & SUPPLY CHAIN SUSTAINABILITY	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY**	**SubTotal STRATEGY & SUPPLY CHAIN SUSTAINABILITY**				**Yes**			
O&M	SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY	SUPPLIER DIVERSITY	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY**	**SubTotal SUPPLIER DIVERSITY**				**Yes**			
O&M	SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY	SUPPLY OPERATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY**	**SubTotal SUPPLY OPERATIONS**				**Yes**			
O&M	SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY	TECHNOLOGY, INTELLIGENCE, POLICY & SOLUTIONS	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY**	**SubTotal TECHNOLOGY, INTELLIGENCE, POLICY & SOLUTIONS**				**Yes**			
O&M	SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY	GAS PORTFOLIO	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY**	**SubTotal GAS PORTFOLIO**				**Yes**			

SDG&E CYBERSECURITY O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date ($)
O&M	CYBERSECURITY	NON-SHARED CYBERSECURITY	Cybersecurity	All Mitigations	Overall	No	Ongoing	Annual	12	—	—	—	12	22	23	24	25	22
O&M	**CYBERSECURITY**	**Subtotal NON-SHARED CYBERSECURITY**				Yes			**12**	**—**	**—**	**—**	**12**	**22**	**23**	**24**	**25**	**22**
O&M	CYBERSECURITY	SHARED CYBERSECURITY	Cybersecurity	All Mitigations	Overall	No	Ongoing	Annual	13,784	—	—	—	13,784	18,144	18,688	19,249	19,826	18,144
O&M	**CYBERSECURITY**	**Subtotal SHARED CYBERSECURITY**				Yes			**13,784**	**—**	**—**	**—**	**13,784**	**18,144**	**18,688**	**19,249**	**19,826**	**18,144**

SDG&E CYBERSECURITY O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference ($)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
O&M	CYBERSECURITY	NON-SHARED CYBERSECURITY	Cybersecurity	All Mitigations	Overall	No	(10)	(23)	(24)	(25)	(10)	-46%	-100%	-100%	-100%	-46%
O&M	**CYBERSECURITY**	**Subtotal NON-SHARED CYBERSECURITY**				**Yes**	**(10)**	**(23)**	**(24)**	**(25)**	**(10)**	**-46%**	**-100%**	**-100%**	**-100%**	**-46%**
O&M	CYBERSECURITY	SHARED CYBERSECURITY	Cybersecurity	All Mitigations	Overall	No	(4,360)	(18,608)	(19,249)	(19,826)	(4,360)	-24%	-100%	-100%	-100%	-24%
O&M	**CYBERSECURITY**	**Subtotal SHARED CYBERSECURITY**				**Yes**	**(4,360)**	**(18,608)**	**(19,249)**	**(19,826)**	**(4,360)**	**-24%**	**-100%**	**-100%**	**-100%**	**-24%**

SDG&E CYBERSECURITY O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
O&M	CYBERSECURITY	NON-SHARED CYBERSECURITY	Cybersecurity	All Mitigations	Overall	No	The types of functions in this area include compliance with North American Electric Reliability Corporation (NERC) Critical Infrastructure Protection (CIP) regulatory requirements which consist of maintaining asset list inventory of our critical cyber assets, ensuring cybersecurity awareness, background checks, designating an electronic and physical security perimeter, providing security controls, incident reporting, vulnerability change management, protecting our Bulk Electric System (BES) cybersecurity information locations, and ensuring we have CIP sign-off on compliance requirements. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																			
O&M	**CYBERSECURITY**	**Subtotal NON-SHARED CYBERSECURITY**				Yes																					
O&M	CYBERSECURITY	SHARED CYBERSECURITY	Cybersecurity	All Mitigations	Overall	No	FTE	46				46	67				67	(21)	0	0	0	(21)	(31)%	0 %	0 %	0 %	(31)%
O&M	**CYBERSECURITY**	**Subtotal SHARED CYBERSECURITY**				Yes																					

SDG&E CYBERSECURITY O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Safety, Reliability, or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status	Status Variance Explanation Required?
O&M	CYBERSECURITY	CYBERSECURITY				Yes										
O&M	CYBERSECURITY	NON-SHARED CYBERSECURITY	Cybersecurity	All Mitigations	Overall	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**CYBERSECURITY**	**Subtotal NON-SHARED CYBERSECURITY**				**Yes**	**YES**	**NO**								**NO**
O&M	CYBERSECURITY	SHARED CYBERSECURITY	Cybersecurity	All Mitigations	Overall	No	YES	YES	YES	Cybersecurity initiatives focused on infrastructure upgrades, perimeter defense improvements, and replacing outdated technology. Staffing levels were lower than authorized due to the delayed GRC decision.	Cybersecurity initiatives focused on infrastructure upgrades, perimeter defense improvements, and replacing outdated technology. Staffing levels were lower than authorized due to the delayed GRC decision.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**CYBERSECURITY**	**Subtotal SHARED CYBERSECURITY**				**Yes**	**YES**	**YES**								**NO**

SDG&E CYBERSECURITY O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Status Variance Explanation	WP Activity Description	2024 GRC Testimony Location
O&M	CYBERSECURITY	NON-SHARED CYBERSECURITY				Yes			
O&M	CYBERSECURITY	NON-SHARED CYBERSECURITY	Cybersecurity	All Mitigations	Overall	No	N/A		
O&M	**CYBERSECURITY**	**Subtotal NON-SHARED CYBERSECURITY**				**Yes**			
O&M	CYBERSECURITY	SHARED CYBERSECURITY	Cybersecurity	All Mitigations	Overall	No	N/A	The shared SDG&E cybersecurity costs represent labor and non-labor for the cybersecurity area where costs are shared between multiple business units and support the objectives of operating and maintaining the company infrastructure system safely and reliably. Cybersecurity supports the necessary resources and systems maintenance needs of the following functional cybersecurity areas: threat intelligence; monitoring, alerting and detection; systems operations; incident response; insider threat; vulnerability management; assessments; compliance; risk management; program office; consulting and engineering.	SDG&E-26-R LRM-14 to LRM-19 WP 21.00-3.101.000
O&M	**CYBERSECURITY**	**Subtotal SHARED CYBERSECURITY**				**Yes**			

SDG&E INFORMATION TECHNOLOGY O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date ($)
O&M	INFORMATION TECHNOLOGY	INFORMATION TECHNOLOGY				Yes			92,836	---	---	---	92,836	111,305	118,710	119,414	112,173	111,305
O&M	INFORMATION TECHNOLOGY	NON-SHARED OPERATIONAL APPLICATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	12,142	---	---	---	12,142	12,343	12,713	13,095	13,488	12,343
O&M	INFORMATION TECHNOLOGY	NON-SHARED OPERATIONAL APPLICATIONS	Foundational Technology System	All Mitigations	N/A	No	On-going	Annual	1,790	---	---	---	1,790	1,819	1,874	1,930	1,988	1,819
O&M	**INFORMATION TECHNOLOGY**	**SubTotal NON-SHARED OPERATIONAL APPLICATIONS**				**Yes**			**13,932**	**---**	**---**	**---**	**13,932**	**14,162**	**14,587**	**15,025**	**15,476**	**14,162**
O&M	INFORMATION TECHNOLOGY	NON-SHARED OPERATIONAL INFRASTRUCTURE	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	5,085	---	---	---	5,085	4,802	4,946	5,095	5,248	4,802
O&M	INFORMATION TECHNOLOGY	NON-SHARED OPERATIONAL INFRASTRUCTURE	Foundational Technology System	All Mitigations	N/A	No	On-going	Annual	3,023	---	---	---	3,023	2,853	2,939	3,027	3,118	2,853
O&M	**INFORMATION TECHNOLOGY**	**SubTotal NON-SHARED OPERATIONAL INFRASTRUCTURE**				**Yes**			**8,107**	**---**	**---**	**---**	**8,107**	**7,655**	**7,885**	**8,122**	**8,366**	**7,655**
O&M	INFORMATION TECHNOLOGY	SHARED APPLICATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No			15,845	---	---	---	15,845	21,343	21,983	22,642	23,321	21,343
O&M	**INFORMATION TECHNOLOGY**	**SubTotal SHARED APPLICATIONS**				**Yes**			**15,845**	**---**	**---**	**---**	**15,845**	**21,343**	**21,983**	**22,642**	**23,321**	**21,343**
O&M	INFORMATION TECHNOLOGY	SHARED INFRASTRUCTURE	Non-RAMP	Non-RAMP	Non-RAMP	No			3,369	---	---	---	3,369	4,399	4,531	4,667	4,807	4,399
O&M	**INFORMATION TECHNOLOGY**	**SubTotal SHARED INFRASTRUCTURE**				**Yes**			**3,369**	**---**	**---**	**---**	**3,369**	**4,399**	**4,531**	**4,667**	**4,807**	**4,399**
O&M	INFORMATION TECHNOLOGY	SHARED OPERATIONAL APPLICATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	10,692	---	---	---	10,692	16,164	14,589	15,027	15,478	16,164
O&M	INFORMATION TECHNOLOGY	SHARED OPERATIONAL APPLICATIONS	Foundational Technology System	All Mitigations	N/A	No	On-going	Annual	2,155	---	---	---	2,155	2,857	2,943	3,031	3,122	2,857
O&M	**INFORMATION TECHNOLOGY**	**SubTotal SHARED OPERATIONAL APPLICATIONS**				**Yes**			**12,847**	**---**	**---**	**---**	**12,847**	**17,021**	**17,532**	**18,058**	**18,600**	**17,021**
O&M	INFORMATION TECHNOLOGY	SHARED OPERATIONAL INFRASTRUCTURE	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	10,854	---	---	---	10,854	15,168	13,503	11,995	14,413	15,168
O&M	INFORMATION TECHNOLOGY	SHARED OPERATIONAL INFRASTRUCTURE	Foundational Technology System	All Mitigations	N/A	No	On-going	Annual	19,075	---	---	---	19,075	21,741	22,393	23,064	23,756	21,741
O&M	**INFORMATION TECHNOLOGY**	**SubTotal SHARED OPERATIONAL INFRASTRUCTURE**				**Yes**			**29,929**	**---**	**---**	**---**	**29,929**	**36,910**	**35,897**	**35,059**	**38,169**	**36,910**
O&M	INFORMATION TECHNOLOGY	SHARED OPERATIONAL SUPPORT	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	2,226	---	---	---	2,226	4,016	4,136	4,260	4,388	4,016
O&M	INFORMATION TECHNOLOGY	SHARED OPERATIONAL SUPPORT	Foundational Technology System	All Mitigations	N/A	No	On-going	Annual	509	---	---	---	509	918	946	974	1,003	918
O&M	**INFORMATION TECHNOLOGY**	**SubTotal SHARED OPERATIONAL SUPPORT**				**Yes**			**2,735**	**---**	**---**	**---**	**2,735**	**4,934**	**5,082**	**5,234**	**5,391**	**4,934**
O&M	INFORMATION TECHNOLOGY	SHARED IT PROJECT	Non-RAMP	Non-RAMP	Non-RAMP	No			5,036	---	---	---	5,036	7,361	7,582	7,809	8,043	7,361
O&M	**INFORMATION TECHNOLOGY**	**SubTotal SHARED SUPPORT**				**Yes**			**5,036**	**---**	**---**	**---**	**5,036**	**7,361**	**7,582**	**7,809**	**8,043**	**7,361**

SDG&E INFORMATION TECHNOLOGY O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Subtotal	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference ($)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
O&M	INFORMATION TECHNOLOGY	INFORMATION TECHNOLOGY				Yes	(16,318)	(114,160)	(110,611)	(124,178)	(14,318)	-17%	-100%	-100%	-100%	-17%
O&M	INFORMATION TECHNOLOGY	NON-SHARED OPERATIONAL APPLICATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	(201)	(12,713)	(13,095)	(13,488)	(201)	-2%	-100%	-100%	-100%	-2%
O&M	INFORMATION TECHNOLOGY	NON-SHARED OPERATIONAL APPLICATIONS	Foundational Technology System	All Mitigations	N/A	No	(29)	(1,874)	(1,930)	(1,988)	(29)	-2%	-100%	-100%	-100%	-2%
O&M	**INFORMATION TECHNOLOGY**	**SubTotal NON-SHARED OPERATIONAL APPLICATIONS**				**Yes**	**(230)**	**(14,587)**	**(15,025)**	**(15,476)**	**(230)**	**-2%**	**-100%**	**-100%**	**-100%**	**-2%**
O&M	INFORMATION TECHNOLOGY	NON-SHARED OPERATIONAL INFRASTRUCTURE	Non-RAMP	Non-RAMP	Non-RAMP	No	283	(4,946)	(5,095)	(5,248)	283	6%	-100%	-100%	-100%	6%
O&M	INFORMATION TECHNOLOGY	NON-SHARED OPERATIONAL INFRASTRUCTURE	Foundational Technology System	All Mitigations	N/A	No	170	(2,939)	(3,027)	(3,118)	170	6%	-100%	-100%	-100%	6%
O&M	**INFORMATION TECHNOLOGY**	**SubTotal NON-SHARED OPERATIONAL INFRASTRUCTURE**				**Yes**	**452**	**(7,885)**	**(8,122)**	**(8,366)**	**452**	**6%**	**-100%**	**-100%**	**-100%**	**6%**
O&M	INFORMATION TECHNOLOGY	SHARED APPLICATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	(5,498)	(21,003)	(21,642)	(13,221)	(5,498)	-36%	-100%	-100%	-100%	-26%
O&M	**INFORMATION TECHNOLOGY**	**SubTotal SHARED APPLICATIONS**				**Yes**	**(5,498)**	**(21,003)**	**(21,642)**	**(13,221)**	**(5,498)**	**-26%**	**-100%**	**-100%**	**-100%**	**-26%**
O&M	INFORMATION TECHNOLOGY	SHARED INFRASTRUCTURE	Non-RAMP	Non-RAMP	Non-RAMP	No	(1,030)	(4,531)	(4,667)	(4,807)	(1,030)	-23%	-100%	-100%	-100%	-23%
O&M	**INFORMATION TECHNOLOGY**	**SubTotal SHARED INFRASTRUCTURE**				**Yes**	**(1,030)**	**(4,531)**	**(4,667)**	**(4,807)**	**(1,030)**	**-23%**	**-100%**	**-100%**	**-100%**	**-23%**
O&M	INFORMATION TECHNOLOGY	SHARED OPERATIONAL APPLICATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	(3,482)	(14,589)	(15,027)	(15,478)	(3,482)	-25%	-100%	-100%	-100%	-25%
O&M	INFORMATION TECHNOLOGY	SHARED OPERATIONAL APPLICATIONS	Foundational Technology System	All Mitigations	N/A	No	(702)	(2,943)	(3,031)	(3,122)	(702)	-25%	-100%	-100%	-100%	-25%
O&M	**INFORMATION TECHNOLOGY**	**SubTotal SHARED OPERATIONAL APPLICATIONS**				**Yes**	**(4,184)**	**(17,532)**	**(18,058)**	**(18,601)**	**(4,184)**	**-25%**	**-100%**	**-100%**	**-100%**	**-25%**
O&M	INFORMATION TECHNOLOGY	SHARED OPERATIONAL INFRASTRUCTURE	Non-RAMP	Non-RAMP	Non-RAMP	No	(2,315)	(13,593)	(13,993)	(14,413)	(2,315)	-10%	-100%	-100%	-100%	-10%
O&M	INFORMATION TECHNOLOGY	SHARED OPERATIONAL INFRASTRUCTURE	Foundational Technology System	All Mitigations	N/A	No	(1,866)	(22,393)	(23,064)	(23,756)	(1,866)	-8%	-100%	-100%	-100%	-8%
O&M	**INFORMATION TECHNOLOGY**	**SubTotal SHARED OPERATIONAL INFRASTRUCTURE**				**Yes**	**(4,201)**	**(35,987)**	**(37,057)**	**(38,169)**	**(4,201)**	**-12%**	**-100%**	**-100%**	**-100%**	**-12%**
O&M	INFORMATION TECHNOLOGY	SHARED OPERATIONAL SUPPORT	Non-RAMP	Non-RAMP	Non-RAMP	No	(1,790)	(4,136)	(4,260)	(4,388)	(1,790)	-48%	-100%	-100%	-100%	-45%
O&M	INFORMATION TECHNOLOGY	SHARED OPERATIONAL SUPPORT	Foundational Technology System	All Mitigations	N/A	No	(409)	(946)	(974)	(1,003)	(409)	-48%	-100%	-100%	-100%	-45%
O&M	**INFORMATION TECHNOLOGY**	**SubTotal SHARED OPERATIONAL SUPPORT**				**Yes**	**(1,199)**	**(5,082)**	**(5,234)**	**(5,391)**	**(1,199)**	**-48%**	**-100%**	**-100%**	**-100%**	**-45%**
O&M	INFORMATION TECHNOLOGY	SHARED SUPPORT	Non-RAMP	Non-RAMP	Non-RAMP	No	(2,325)	(7,582)	(7,809)	(8,043)	(2,325)	-32%	-100%	-100%	-100%	-32%
O&M	**INFORMATION TECHNOLOGY**	**SubTotal SHARED SUPPORT**				**Yes**	**(2,325)**	**(7,582)**	**(7,809)**	**(8,043)**	**(2,325)**	**-32%**	**-100%**	**-100%**	**-100%**	**-32%**

SDG&E INFORMATION TECHNOLOGY O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
O&M	INFORMATION TECHNOLOGY	INFORMATION TECHNOLOGY				Yes																					
O&M	INFORMATION TECHNOLOGY	NON-SHARED OPERATIONAL APPLICATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	FTE	14				14	40				40	(26)	0	0	0	(26)	(64)%	0 %	0%	0 %	(64)%
O&M	INFORMATION TECHNOLOGY	NON-SHARED OPERATIONAL APPLICATIONS	Foundational Technology System	All Mitigations	N/A	No	FTE	2				2	6				6	(4)	0	0	0	(4)	(64)%	0 %	0%	0 %	(64)%
O&M	INFORMATION TECHNOLOGY	SubTotal NON-SHARED OPERATIONAL APPLICATIONS				Yes																					
O&M	INFORMATION TECHNOLOGY	NON-SHARED OPERATIONAL INFRASTRUCTURE	Non-RAMP	Non-RAMP	Non-RAMP	No	This area encompasses IT operations, including outsourced services and hardware/software maintenance, which support SDG&E infrastructure. Key tasks involve OT network monitoring, troubleshooting, and IT support (servers, storage, disaster recovery, communication, databases, security, and user assistance) to ensure infrastructure reliability. Microsoft license and subscriptions, like M365, GitHub Enterprise, Power BI, and more, are essential for smooth operations and meeting diverse organizational needs. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.															
O&M	INFORMATION TECHNOLOGY	NON-SHARED OPERATIONAL INFRASTRUCTURE	Foundational Technology System	All Mitigations	N/A	No	This area encompasses IT operations, including outsourced services and hardware/software maintenance, which support SDG&E infrastructure. Key tasks involve OT network monitoring, troubleshooting, and IT support (servers, storage, disaster recovery, communication, databases, security, and user assistance) to ensure infrastructure reliability. Microsoft license and subscriptions, like M365, GitHub Enterprise, Power BI, and more, are essential for smooth operations and meeting diverse organizational needs. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.															
O&M	INFORMATION TECHNOLOGY	SubTotal NON-SHARED OPERATIONAL INFRASTRUCTURE				Yes																					
O&M	INFORMATION TECHNOLOGY	SHARED APPLICATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	INFORMATION TECHNOLOGY	SubTotal SHARED APPLICATIONS				Yes																					
O&M	INFORMATION TECHNOLOGY	SHARED INFRASTRUCTURE	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	INFORMATION TECHNOLOGY	SubTotal SHARED INFRASTRUCTURE				Yes																					
O&M	INFORMATION TECHNOLOGY	SHARED OPERATIONAL APPLICATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	FTE	24				24	49				49	(25)	0	0	0	(25)	(51)%	0 %	0%	0 %	(51)%
O&M	INFORMATION TECHNOLOGY	SHARED OPERATIONAL APPLICATIONS	Foundational Technology System	All Mitigations	N/A	No	FTE	5				5	10				10	(5)	0	0	0	(5)	(50)%	0 %	0%	0 %	(50)%
O&M	INFORMATION TECHNOLOGY	SubTotal SHARED OPERATIONAL APPLICATIONS				Yes																					
O&M	INFORMATION TECHNOLOGY	SHARED OPERATIONAL INFRASTRUCTURE	Non-RAMP	Non-RAMP	Non-RAMP	No	FTE	14				14	18				11	(4)	0	0	0	(4)	(40)%	0 %	0%	0 %	(40)%
O&M	INFORMATION TECHNOLOGY	SHARED OPERATIONAL INFRASTRUCTURE	Foundational Technology System	All Mitigations	N/A	No	FTE	26				26	27				27	(1)	0	0	0	(1)	(3)%	0 %	0%	0 %	(3)%
O&M	INFORMATION TECHNOLOGY	SubTotal SHARED OPERATIONAL INFRASTRUCTURE				Yes																					
O&M	INFORMATION TECHNOLOGY	SHARED OPERATIONAL SUPPORT	Non-RAMP	Non-RAMP	Non-RAMP	No	FTE	7				7	18				18	(11)	0	0	0	(11)	(62)%	0 %	0%	0 %	(62)%
O&M	INFORMATION TECHNOLOGY	SHARED OPERATIONAL SUPPORT	Foundational Technology System	All Mitigations	N/A	No	FTE	2				2	6				4	(3)	0	0	0	(3)	(63)%	0 %	0%	0 %	(63)%
O&M	INFORMATION TECHNOLOGY	SubTotal SHARED OPERATIONAL SUPPORT				Yes																					
O&M	INFORMATION TECHNOLOGY	SHARED IT UPLIFT	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	INFORMATION TECHNOLOGY	SubTotal SHARED SUPPORT				Yes																					

SDG&E INFORMATION TECHNOLOGY O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Safety, Reliability, or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status	Status Variance Explanation Required?
O&M	INFORMATION TECHNOLOGY	INFORMATION TECHNOLOGY				Yes										
O&M	INFORMATION TECHNOLOGY	NON-SHARED OPERATIONAL APPLICATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	YES	N/A	Internal resources changed more labor to customer service capital projects undertaken to enhance customer self service and experience.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	INFORMATION TECHNOLOGY	NON-SHARED OPERATIONAL APPLICATIONS	Foundational Technology System	All Mitigations	N/A	No	YES	NO	YES	N/A	Internal resources changed more labor to customer service capital projects undertaken to enhance customer self service and experience.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**INFORMATION TECHNOLOGY**	**SubTotal NON-SHARED OPERATIONAL APPLICATIONS**				**Yes**	**YES**	**NO**								**NO**
O&M	INFORMATION TECHNOLOGY	NON-SHARED OPERATIONAL INFRASTRUCTURE	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	INFORMATION TECHNOLOGY	NON-SHARED OPERATIONAL INFRASTRUCTURE	Foundational Technology System	All Mitigations	N/A	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**INFORMATION TECHNOLOGY**	**SubTotal NON-SHARED OPERATIONAL INFRASTRUCTURE**				**Yes**	**YES**	**NO**								**NO**
O&M	INFORMATION TECHNOLOGY	SHARED APPLICATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	NO									
O&M	**INFORMATION TECHNOLOGY**	**SubTotal SHARED APPLICATIONS**				**Yes**	**NO**									
O&M	INFORMATION TECHNOLOGY	SHARED INFRASTRUCTURE	Non-RAMP	Non-RAMP	Non-RAMP	No	NO									
O&M	**INFORMATION TECHNOLOGY**	**SubTotal SHARED INFRASTRUCTURE**				**Yes**	**NO**									
O&M	INFORMATION TECHNOLOGY	SHARED OPERATIONAL APPLICATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	YES	YES	Underrun in spend is driven by a shift from internal labor to external resources. This shift was due to internal resources shift to customer service capital projects.	Underrun in FTEs is driven by a shift from internal labor to external resources. This shift was due internal resources shift to customer service capital-related work.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	INFORMATION TECHNOLOGY	SHARED OPERATIONAL APPLICATIONS	Foundational Technology System	All Mitigations	N/A	No	YES	NO	YES	N/A	Underrun in FTEs is driven by a shift from internal labor to external resources. This shift was due to internal resources shift to customer service capital-related work.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**INFORMATION TECHNOLOGY**	**SubTotal SHARED OPERATIONAL APPLICATIONS**				**Yes**	**YES**	**YES**								**NO**
O&M	INFORMATION TECHNOLOGY	SHARED OPERATIONAL INFRASTRUCTURE	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	INFORMATION TECHNOLOGY	SHARED OPERATIONAL INFRASTRUCTURE	Foundational Technology System	All Mitigations	N/A	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**INFORMATION TECHNOLOGY**	**SubTotal SHARED OPERATIONAL INFRASTRUCTURE**				**Yes**	**YES**	**NO**								**NO**
O&M	INFORMATION TECHNOLOGY	SHARED OPERATIONAL SUPPORT	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	YES	N/A	The reduction in FTEs is due to shifting from internal labor to external resources, allowing internal staff to focus on Capital related tasks	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	INFORMATION TECHNOLOGY	SHARED OPERATIONAL SUPPORT	Foundational Technology System	All Mitigations	N/A	No	YES	NO	YES	N/A	The reduction in FTEs is due to shifting from internal labor to external resources, allowing internal staff to focus on Capital related tasks	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**INFORMATION TECHNOLOGY**	**SubTotal SHARED OPERATIONAL SUPPORT**				**Yes**	**YES**	**NO**								**NO**
O&M	INFORMATION TECHNOLOGY	SHARED IT-PMO	Non-RAMP	Non-RAMP	Non-RAMP	No	NO									
O&M	**INFORMATION TECHNOLOGY**	**SubTotal SHARED SUPPORT**				**Yes**	**NO**									

SDG&E INFORMATION TECHNOLOGY O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Status Variance Explanation	WP Activity Description	2024 GRC Testimony Location
O&M	INFORMATION TECHNOLOGY	INFORMATION TECHNOLOGY				Yes			
O&M	INFORMATION TECHNOLOGY	NON-SHARED OPERATIONAL APPLICATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A	The non-shared SDG&E IT costs represent labor and non-labor for technology systems where 100% of the activities directly support the objectives of operating and maintaining SDG&E infrastructure systems safely and reliably. The types of functions supported in this area include customer billing and revenue management, smart grid and electric operations, meter data services, smart grid and electric operations portfolio management office, applications and utility operations maintenance agreements, and customer information systems (CIS) operations. Customer information systems includes ongoing costs related to the CIS replacement	SDGAE-25 TLB-12 to TLB-14 WP 1170020.000
O&M	INFORMATION TECHNOLOGY	NON-SHARED OPERATIONAL APPLICATIONS	Foundational Technology Systems	All Mitigations	N/A	No	N/A	The non-shared SDG&E IT costs represent labor and non-labor for technology systems where 100% of the activities directly support the objectives of operating and maintaining SDG&E infrastructure systems safely and reliably. The types of functions supported in this area include customer billing and revenue management, smart grid and electric operations, meter data services, smart grid and electric operations portfolio management office, applications and utility operations maintenance agreements, and customer information systems (CIS) operations. Customer information systems includes ongoing costs related to the CIS replacement	SDGAE-25 TLB-12 to TLB-14 WP 1170020.000
O&M	INFORMATION TECHNOLOGY	SubTotal NON-SHARED OPERATIONAL APPLICATIONS				Yes			
O&M	INFORMATION TECHNOLOGY	NON-SHARED OPERATIONAL INFRASTRUCTURE	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
O&M	INFORMATION TECHNOLOGY	NON-SHARED OPERATIONAL INFRASTRUCTURE	Foundational Technology Systems	All Mitigations	N/A	No	N/A		
O&M	INFORMATION TECHNOLOGY	SubTotal NON-SHARED OPERATIONAL INFRASTRUCTURE				Yes			
O&M	INFORMATION TECHNOLOGY	SHARED APPLICATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	INFORMATION TECHNOLOGY	SubTotal SHARED APPLICATIONS				Yes			
O&M	INFORMATION TECHNOLOGY	SHARED INFRASTRUCTURE	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	INFORMATION TECHNOLOGY	SubTotal SHARED INFRASTRUCTURE				Yes			
O&M	INFORMATION TECHNOLOGY	SHARED OPERATIONAL APPLICATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A	The shared SDG&E IT costs represent labor and non-labor for technology systems where costs are shared between multiple business units and support the objectives of operating and maintaining the company infrastructure systems safely and reliably. The types of systems supported in this area include utility operations, work management, business intelligence, analytics and reporting, and emergency operations. The types of functions supported in this area include systems engineering, systems architecture and integration, portfolio management services, applications outsourced services, and software maintenance agreements.	SDGAE-25 TLB-13 to TLB-18 WP 2100-3F5.000
O&M	INFORMATION TECHNOLOGY	SHARED OPERATIONAL APPLICATIONS	Foundational Technology Systems	All Mitigations	N/A	No	N/A	The shared SDG&E IT applications costs represent labor and non-labor for technology systems where costs are shared between multiple business units and support the objectives of operating and maintaining the company infrastructure systems safely and reliably. The types of systems supported in this area include utility operations, work management, business intelligence, analytics and reporting, and emergency operations. The types of functions supported in this area include systems engineering, systems architecture and integration, portfolio management services, applications outsourced services, and software maintenance agreements.	SDGAE-25 TLB-13 to TLB-18 WP 2100-3F5.000
O&M	INFORMATION TECHNOLOGY	SubTotal SHARED OPERATIONAL APPLICATIONS				Yes			
O&M	INFORMATION TECHNOLOGY	SHARED OPERATIONAL INFRASTRUCTURE	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
O&M	INFORMATION TECHNOLOGY	SHARED OPERATIONAL INFRASTRUCTURE	Foundational Technology Systems	All Mitigations	N/A	No	N/A		
O&M	INFORMATION TECHNOLOGY	SubTotal SHARED OPERATIONAL INFRASTRUCTURE				Yes			
O&M	INFORMATION TECHNOLOGY	SHARED OPERATIONAL SUPPORT	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A	The shared SDG&E IT support costs represent labor and non-labor for technology systems where costs are shared between multiple business units and support the objectives of operating and maintaining the company infrastructure systems safely and reliably. The types of services supported in this area include quality assurance, release and environment management, enterprise monitoring, and solutions architecture.	SDGAE-25 TLB-19 to TLB-20 WP 2100-0460.000
O&M	INFORMATION TECHNOLOGY	SHARED OPERATIONAL SUPPORT	Foundational Technology Systems	All Mitigations	N/A	No	N/A	The shared SDG&E IT support costs represent labor and non-labor for technology systems where costs are shared between multiple business units and support the objectives of operating and maintaining the company infrastructure systems safely and reliably. The types of services supported in this area include quality assurance, release and environment management, enterprise monitoring, and solutions architecture.	SDGAE-25 TLB-19 to TLB-20 WP 2100-0460.000
O&M	INFORMATION TECHNOLOGY	SubTotal SHARED OPERATIONAL SUPPORT				Yes			
O&M	INFORMATION TECHNOLOGY	SHARED 3L-PPART	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	INFORMATION TECHNOLOGY	SubTotal SHARED SUPPORT				Yes			

SDG&E PEOPLE AND CULTURE DEPARTMENT O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date ($)
O&M	PEOPLE AND CULTURE DEPARTMENT	PEOPLE AND CULTURE DEPARTMENT				Yes			10,118	---	---	---	10,118	10,410	10,618	10,830	11,046	10,410
O&M	PEOPLE AND CULTURE DEPARTMENT	BUSINESS IMPROVEMENT AND PROCESS OPTIMIZATION	Non-RAMP	Non-RAMP	Non-RAMP	No			347	---	---	---	347	299	304	313	322	299
O&M	**PEOPLE AND CULTURE DEPARTMENT**	**SubTotal BUSINESS IMPROVEMENT AND PROCESS OPTIMIZATION**				Yes			**347**	---	---	---	**347**	**299**	**304**	**313**	**322**	**299**
O&M	PEOPLE AND CULTURE DEPARTMENT	BUSINESS OPTIMIZATION	Non-RAMP	Non-RAMP	Non-RAMP	No			---	---	---	---	---	128	132	136	140	128
O&M	**PEOPLE AND CULTURE DEPARTMENT**	**SubTotal BUSINESS OPTIMIZATION**				Yes			---	---	---	---	---	**128**	**132**	**136**	**140**	**128**
O&M	PEOPLE AND CULTURE DEPARTMENT	DIVERSITY AND INCLUSION	Non-RAMP	Non-RAMP	Non-RAMP	No			510	---	---	---	510	626	645	664	684	626
O&M	**PEOPLE AND CULTURE DEPARTMENT**	**SubTotal DIVERSITY AND INCLUSION**				Yes			**510**	---	---	---	**510**	**626**	**645**	**664**	**684**	**626**
O&M	PEOPLE AND CULTURE DEPARTMENT	DIVERSITY AND WORKFORCE MANAGEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No			2,454	---	---	---	2,454	3,360	3,460	3,458	3,563	3,263
O&M	**PEOPLE AND CULTURE DEPARTMENT**	**SubTotal DIVERSITY AND WORKFORCE MANAGEMENT**				Yes			**2,454**	---	---	---	**2,454**	**3,360**	**3,460**	**3,458**	**3,563**	**3,263**
O&M	PEOPLE AND CULTURE DEPARTMENT	DRUG AND ALCOHOL TESTING PROGRAM	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	198	---	---	---	198	105	108	111	115	105
O&M	PEOPLE AND CULTURE DEPARTMENT	DRUG AND ALCOHOL TESTING PROGRAM	Incident Involving an Employee	Drug & Alcohol Testing Program	N/A	No	On-going	Annual	166	---	---	---	166	139	143	148	152	139
O&M	**PEOPLE AND CULTURE DEPARTMENT**	**SubTotal DRUG AND ALCOHOL TESTING PROGRAM**				Yes			**360**	---	---	---	**360**	**244**	**251**	**259**	**267**	**244**
O&M	PEOPLE AND CULTURE DEPARTMENT	EMPLOYEE CARE SERVICES	Non-RAMP	Non-RAMP	Non-RAMP	No			1,149	---	---	---	1,149	1,533	1,579	1,626	1,675	1,533
O&M	**PEOPLE AND CULTURE DEPARTMENT**	**SubTotal EMPLOYEE CARE SERVICES**				Yes			**1,149**	---	---	---	**1,149**	**1,533**	**1,579**	**1,626**	**1,675**	**1,533**
O&M	PEOPLE AND CULTURE DEPARTMENT	EXECUTIVE OFFICES	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	591	---	---	---	591	1,204	1,240	1,277	1,315	1,204
O&M	PEOPLE AND CULTURE DEPARTMENT	EXECUTIVE OFFICES	Incident Involving an Employee	Utilizing OSHA and Industry Best Practices and Industry Benchmarking	N/A	No	On-going	Annual	1,051	---	---	---	1,051	---	---	---	---	---
O&M	**PEOPLE AND CULTURE DEPARTMENT**	**SubTotal EXECUTIVE OFFICES**				Yes			**1,642**	---	---	---	**1,642**	**1,204**	**1,240**	**1,277**	**1,315**	**1,204**
O&M	PEOPLE AND CULTURE DEPARTMENT	HUMAN RESOURCES	Non-RAMP	Non-RAMP	Non-RAMP	No			2,710	---	---	---	2,710	2,834	2,915	3,003	3,093	2,834
O&M	**PEOPLE AND CULTURE DEPARTMENT**	**SubTotal HUMAN RESOURCES**				Yes			**2,710**	---	---	---	**2,710**	**2,834**	**2,915**	**3,003**	**3,093**	**2,834**
O&M	PEOPLE AND CULTURE DEPARTMENT	LONG TERM DISABILITY (LTD)	Non-RAMP	Non-RAMP	Non-RAMP	No			3,095	---	---	---	3,095	2,491	2,566	2,643	2,722	2,491
O&M	PEOPLE AND CULTURE DEPARTMENT	ORGANIZATION AL EFFECTIVENESS	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	1,760	---	---	---	1,760	2,053	2,115	2,178	2,243	2,053
O&M	**PEOPLE AND CULTURE DEPARTMENT**	**SubTotal ORGANIZATION AL EFFECTIVENESS**				Yes			**1,760**	---	---	---	**1,760**	**2,053**	**2,115**	**2,178**	**2,243**	**2,053**
O&M	PEOPLE AND CULTURE DEPARTMENT	PEOPLE RESEARCH	Non-RAMP	Non-RAMP	Non-RAMP	No			194	---	---	---	194	---	---	---	---	---
O&M	**PEOPLE AND CULTURE DEPARTMENT**	**SubTotal PEOPLE RESEARCH**				Yes			**194**	---	---	---	**194**	---	---	---	---	---
O&M	PEOPLE AND CULTURE DEPARTMENT	TOTAL DISABILITY	Non-RAMP	Non-RAMP	Non-RAMP	No			287	---	---	---	287	329	336	346	356	329
O&M	**PEOPLE AND CULTURE DEPARTMENT**	**SubTotal TOTAL DISABILITY**				Yes			**287**	---	---	---	**287**	**329**	**336**	**346**	**356**	**329**
O&M	PEOPLE AND CULTURE DEPARTMENT	VP - PEOPLE AND CULTURE	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	352	---	---	---	352	---	---	---	---	---
O&M	**PEOPLE AND CULTURE DEPARTMENT**	**SubTotal VP - PEOPLE AND CULTURE**				Yes			**352**	---	---	---	**352**	---	---	---	---	---
O&M	PEOPLE AND CULTURE DEPARTMENT	WELLNESS PROGRAMS	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	0	---	---	---	0	24	25	26	27	26
O&M	PEOPLE AND CULTURE DEPARTMENT	WELLNESS PROGRAMS	Incident Involving an Employee	Employee Wellness Programs	Overall	No	On-going	Annual	128	---	---	---	128	195	201	207	213	195
O&M	**PEOPLE AND CULTURE DEPARTMENT**	**SubTotal WELLNESS PROGRAMS**				Yes			**128**	---	---	---	**128**	**219**	**226**	**233**	**240**	**219**
O&M	PEOPLE AND CULTURE DEPARTMENT	WORKERS' COMPENSATION	Non-RAMP	Non-RAMP	Non-RAMP	No			3,366	---	---	---	3,366	3,328	3,943	4,061	4,183	3,328
O&M	**PEOPLE AND CULTURE DEPARTMENT**	**SubTotal WORKERS' COMPENSATION**				Yes			**3,366**	---	---	---	**3,366**	**3,328**	**3,943**	**4,061**	**4,183**	**3,328**

SDG&E PEOPLE AND CULTURE DEPARTMENT O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference ($)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
O&M	PEOPLE AND CULTURE DEPARTMENT	PEOPLE AND CULTURE DEPARTMENT				Yes	116	(116)	(116)	(116)	232	8%	-100%	-100%	-100%	8%
O&M	PEOPLE AND CULTURE DEPARTMENT	BUSINESS IMPROVEMENT AND PROCESS OPTIMIZATION	Non-RAMP	Non-RAMP	Non-RAMP	No	52	(308)	(315)	(322)	53	18%	-100%	-100%	-100%	18%
O&M	**PEOPLE AND CULTURE DEPARTMENT**	**SubTotal BUSINESS IMPROVEMENT AND PROCESS OPTIMIZATION**				Yes	52	(308)	(315)	(322)	53	18%	-100%	-100%	-100%	18%
O&M	PEOPLE AND CULTURE DEPARTMENT	BUSINESS OPTIMIZATION	Non-RAMP	Non-RAMP	Non-RAMP	No	(128)	(132)	(136)	(140)	(136)	-100%	-100%	-100%	-100%	-100%
O&M	**PEOPLE AND CULTURE DEPARTMENT**	**SubTotal BUSINESS OPTIMIZATION**				Yes	(128)	(132)	(136)	(140)	(136)	-100%	-100%	-100%	-100%	-100%
O&M	PEOPLE AND CULTURE DEPARTMENT	DIVERSITY AND INCLUSION	Non-RAMP	Non-RAMP	Non-RAMP	No	(107)	(685)	(664)	(686)	(107)	-17%	-100%	-100%	-100%	-17%
O&M	**PEOPLE AND CULTURE DEPARTMENT**	**SubTotal DIVERSITY AND INCLUSION**				Yes	(107)	(685)	(664)	(686)	(107)	-17%	-100%	-100%	-100%	-17%
O&M	PEOPLE AND CULTURE DEPARTMENT	DIVERSITY AND WORKFORCE MANAGEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	(806)	(5,588)	(5,459)	(5,563)	(806)	-25%	-100%	-100%	-100%	-25%
O&M	**PEOPLE AND CULTURE DEPARTMENT**	**SubTotal DIVERSITY AND WORKFORCE MANAGEMENT**				Yes	(806)	(5,588)	(5,459)	(5,563)	(806)	-25%	-100%	-100%	-100%	-25%
O&M	PEOPLE AND CULTURE DEPARTMENT	DRUG AND ALCOHOL TESTING PROGRAM	Non-RAMP	Non-RAMP	Non-RAMP	No	—	(98)	(110)	(111)	(98)	—	-85%	-100%	-100%	-85%
O&M	PEOPLE AND CULTURE DEPARTMENT	DRUG AND ALCOHOL TESTING PROGRAM	Incident Involving an Employee	Drug & Alcohol Testing Program	N/A	No	27	(143)	(148)	(152)	27	20%	-100%	-100%	-100%	20%
O&M	**PEOPLE AND CULTURE DEPARTMENT**	**SubTotal DRUG AND ALCOHOL TESTING PROGRAM**				Yes	116	(251)	(299)	(267)	116	48%	-100%	-100%	-100%	48%
O&M	PEOPLE AND CULTURE DEPARTMENT	EMPLOYEE CARE SERVICES	Non-RAMP	Non-RAMP	Non-RAMP	No	(304)	(1,579)	(1,628)	(1,671)	(304)	-25%	-100%	-100%	-100%	-25%
O&M	**PEOPLE AND CULTURE DEPARTMENT**	**SubTotal EMPLOYEE CARE SERVICES**				Yes	(284)	(1,579)	(1,636)	(1,679)	(284)	-25%	-100%	-100%	-100%	-25%
O&M	PEOPLE AND CULTURE DEPARTMENT	EXECUTIVE OFFICES	Non-RAMP	Non-RAMP	Non-RAMP	No	(613)	(1,240)	(1,277)	(1,315)	(613)	-51%	-100%	-100%	-100%	-51%
O&M	PEOPLE AND CULTURE DEPARTMENT	EXECUTIVE OFFICES	Incident Involving an Employee	Utilizing OSHA and Industry Best Practices and Industry Benchmarking	N/A	No	1,051	—	—	—	1,051	100%	—%	—%	—%	100%
O&M	**PEOPLE AND CULTURE DEPARTMENT**	**SubTotal EXECUTIVE OFFICES**				Yes	438	(1,240)	(1,277)	(1,315)	438	36%	-100%	-100%	-100%	36%
O&M	PEOPLE AND CULTURE DEPARTMENT	HUMAN RESOURCES	Non-RAMP	Non-RAMP	Non-RAMP	No	(103)	(2,915)	(3,002)	(3,092)	(103)	-4%	-100%	-100%	-100%	-4%
O&M	**PEOPLE AND CULTURE DEPARTMENT**	**SubTotal HUMAN RESOURCES**				Yes	(103)	(2,915)	(3,002)	(3,092)	(103)	-4%	-100%	-100%	-100%	-4%
O&M	PEOPLE AND CULTURE DEPARTMENT	LONG TERM DISABILITY (LTD)	Non-RAMP	Non-RAMP	Non-RAMP	No	1,404	(2,566)	(2,643)	(2,722)	1,404	56%	-100%	-100%	-100%	56%
O&M	**PEOPLE AND CULTURE DEPARTMENT**	**SubTotal LONG TERM DISABILITY (LTD)**				Yes	1,404	(2,566)	(2,643)	(2,722)	1,404	56%	-100%	-100%	-100%	56%
O&M	PEOPLE AND CULTURE DEPARTMENT	ORGANIZATION ALIGNMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	(293)	(2,115)	(2,178)	(2,243)	(293)	-14%	-100%	-100%	-100%	-14%
O&M	**PEOPLE AND CULTURE DEPARTMENT**	**SubTotal ORGANIZATION ALIGNMENT**				Yes	(293)	(2,115)	(2,178)	(2,243)	(293)	-14%	-100%	-100%	-100%	-14%
O&M	PEOPLE AND CULTURE DEPARTMENT	PEOPLE RESEARCH	Non-RAMP	Non-RAMP	Non-RAMP	No	198	—	—	—	198	100%	—%	—%	—%	100%
O&M	**PEOPLE AND CULTURE DEPARTMENT**	**SubTotal PEOPLE RESEARCH**				Yes	198	—	—	—	198	100%	—%	—%	—%	100%
O&M	PEOPLE AND CULTURE DEPARTMENT	TOTAL DISABILITY	Non-RAMP	Non-RAMP	Non-RAMP	No	(39)	(536)	(546)	(556)	(39)	-12%	-100%	-100%	-100%	-12%
O&M	**PEOPLE AND CULTURE DEPARTMENT**	**SubTotal TOTAL DISABILITY**				Yes	(39)	(536)	(546)	(556)	(39)	-12%	-100%	-100%	-100%	-12%
O&M	PEOPLE AND CULTURE DEPARTMENT	VP - PEOPLE AND CULTURE	Non-RAMP	Non-RAMP	Non-RAMP	No	352	—	—	—	352	100%	—%	—%	—%	100%
O&M	**PEOPLE AND CULTURE DEPARTMENT**	**SubTotal VP - PEOPLE AND CULTURE**				Yes	352	—	—	—	352	100%	—%	—%	—%	100%
O&M	PEOPLE AND CULTURE DEPARTMENT	WELLNESS PROGRAMS	Non-RAMP	Non-RAMP	Non-RAMP	No	(24)	(25)	(26)	(27)	(26)	-100%	-100%	-100%	-100%	-100%
O&M	PEOPLE AND CULTURE DEPARTMENT	WELLNESS PROGRAMS	Incident Involving an Employee	Employee Wellness Programs	Overall	No	(67)	(201)	(207)	(213)	(67)	-34%	-100%	-100%	-100%	-34%
O&M	**PEOPLE AND CULTURE DEPARTMENT**	**SubTotal WELLNESS PROGRAMS**				Yes	(91)	(226)	(233)	(240)	(91)	-41%	-100%	-100%	-100%	-41%
O&M	PEOPLE AND CULTURE DEPARTMENT	WORKERS' COMPENSATION	Non-RAMP	Non-RAMP	Non-RAMP	No	(463)	(3,943)	(4,061)	(4,183)	(463)	-12%	-100%	-100%	-100%	-12%
O&M	**PEOPLE AND CULTURE DEPARTMENT**	**SubTotal WORKERS' COMPENSATION**				Yes	(462)	(3,943)	(4,061)	(4,183)	(463)	-12%	-100%	-100%	-100%	-12%

SDG&E PEOPLE AND CULTURE DEPARTMENT O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	RollUp	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
O&M	PEOPLE AND CULTURE DEPARTMENT	PEOPLE AND CULTURE DEPARTMENT				Yes																					
O&M	PEOPLE AND CULTURE DEPARTMENT	BUSINESS IMPROVEMENT AND PROCESS OPTIMIZATION	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	**PEOPLE AND CULTURE DEPARTMENT**	**SubTotal BUSINESS IMPROVEMENT AND PROCESS OPTIMIZATION**				Yes																					
O&M	PEOPLE AND CULTURE DEPARTMENT	BUSINESS OPTIMIZATION	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	**PEOPLE AND CULTURE DEPARTMENT**	**SubTotal BUSINESS OPTIMIZATION**				Yes																					
O&M	PEOPLE AND CULTURE DEPARTMENT	DIVERSITY AND INCLUSION	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	**PEOPLE AND CULTURE DEPARTMENT**	**SubTotal DIVERSITY AND INCLUSION**				Yes																					
O&M	PEOPLE AND CULTURE DEPARTMENT	DIVERSITY AND WORKFORCE MANAGEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	**PEOPLE AND CULTURE DEPARTMENT**	**SubTotal DIVERSITY AND WORKFORCE MANAGEMENT**				Yes																					
O&M	PEOPLE AND CULTURE DEPARTMENT	DRUG AND ALCOHOL TESTING PROGRAM	Non-RAMP	Non-RAMP	Non-RAMP	No	FTE	2	2	2	2	2	2	2	2	2	2	0	0	0	0	0	0	0	0	0	0
O&M	PEOPLE AND CULTURE DEPARTMENT	DRUG AND ALCOHOL TESTING PROGRAM	Incident Involving an Employee	Drug & Alcohol Testing Program	N/A	No	Drug tests administered	1,073				1,073	1,680				1,680	(607)	0	0	0	(607)	(0)	0	0	0	(0)
O&M	**PEOPLE AND CULTURE DEPARTMENT**	**SubTotal DRUG AND ALCOHOL TESTING PROGRAM**				Yes																					
O&M	PEOPLE AND CULTURE DEPARTMENT	EMPLOYEE CARE SERVICES	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	**PEOPLE AND CULTURE DEPARTMENT**	**SubTotal EMPLOYEE CARE SERVICES**				Yes																					
O&M	PEOPLE AND CULTURE DEPARTMENT	EXECUTIVE OFFICES	Non-RAMP	Non-RAMP	Non-RAMP	No	This workpaper is for Executive Officer and officer salaries are excluded and the expense are other related expenses for these Officer organizations with no one single unit of measure.																				
O&M	PEOPLE AND CULTURE DEPARTMENT	EXECUTIVE OFFICES	Incident Involving an Employee	Utilizing OSHA and Industry Best Practices and Industry Benchmarking	N/A	No	Memberships	2				2	0				0	2	0	0	0	2	1	0	0	0	1
O&M	**PEOPLE AND CULTURE DEPARTMENT**	**SubTotal EXECUTIVE OFFICES**				Yes																					
O&M	PEOPLE AND CULTURE DEPARTMENT	HUMAN RESOURCES	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	**PEOPLE AND CULTURE DEPARTMENT**	**SubTotal HUMAN RESOURCES**				Yes																					
O&M	PEOPLE AND CULTURE DEPARTMENT	LONG TERM DISABILITY (LTD)	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	**PEOPLE AND CULTURE DEPARTMENT**	**SubTotal LONG TERM DISABILITY (LTD)**				Yes																					
O&M	PEOPLE AND CULTURE DEPARTMENT	ORGANIZATIONAL EFFECTIVENESS	Non-RAMP	Non-RAMP	Non-RAMP	No	FTE	11				11	13				13	(1)	0	0	0	(1)	(0)	0	0	0	(0)
O&M	**PEOPLE AND CULTURE DEPARTMENT**	**SubTotal ORGANIZATIONAL EFFECTIVENESS**				Yes																					
O&M	PEOPLE AND CULTURE DEPARTMENT	PEOPLE RESEARCH	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	**PEOPLE AND CULTURE DEPARTMENT**	**SubTotal PEOPLE RESEARCH**				Yes																					
O&M	PEOPLE AND CULTURE DEPARTMENT	TOTAL DISABILITY	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	**PEOPLE AND CULTURE DEPARTMENT**	**SubTotal TOTAL DISABILITY**				Yes																					
O&M	PEOPLE AND CULTURE DEPARTMENT	VP - PEOPLE AND CULTURE	Non-RAMP	Non-RAMP	Non-RAMP	No	The VP of People & Culture's officer salary is excluded and the other expenses are related to expenses for the People & Culture organization. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																				
O&M	**PEOPLE AND CULTURE DEPARTMENT**	**SubTotal VP - PEOPLE AND CULTURE**				Yes																					
O&M	PEOPLE AND CULTURE DEPARTMENT	WELLNESS PROGRAMS	Non-RAMP	Non-RAMP	Non-RAMP	No	This activity includes costs related to miscellaneous Wellness Programs expenses. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																				
O&M	PEOPLE AND CULTURE DEPARTMENT	WELLNESS PROGRAMS	Incident Involving an Employee	Employee Wellness Programs	Overall	No	FTE	1				1	2				2	(1)	0	0	0	(1)	(1)	0	0	0	(1)
O&M	**PEOPLE AND CULTURE DEPARTMENT**	**SubTotal WELLNESS PROGRAMS**				Yes																					
O&M	PEOPLE AND CULTURE DEPARTMENT	WORKERS' COMPENSATION	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	**PEOPLE AND CULTURE DEPARTMENT**	**SubTotal WORKERS' COMPENSATION**				Yes																					

SDG&E PEOPLE AND CULTURE DEPARTMENT O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Safety Reliability, or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status	Status Variance Explanation Required?
O&M	PEOPLE AND CULTURE DEPARTMENT	PEOPLE AND CULTURE DEPARTMENT				Yes										
O&M	PEOPLE AND CULTURE DEPARTMENT	BUSINESS IMPROVEMENT AND PROCESS OPTIMIZATION	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
O&M	**PEOPLE AND CULTURE DEPARTMENT**	**SubTotal BUSINESS IMPROVEMENT AND PROCESS OPTIMIZATION**				Yes	NO									
O&M	PEOPLE AND CULTURE DEPARTMENT	BUSINESS OPTIMIZATION	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
O&M	**PEOPLE AND CULTURE DEPARTMENT**	**SubTotal BUSINESS OPTIMIZATION**				Yes	NO									
O&M	PEOPLE AND CULTURE DEPARTMENT	DIVERSITY AND INCLUSION	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
O&M	**PEOPLE AND CULTURE DEPARTMENT**	**SubTotal DIVERSITY AND INCLUSION**				Yes	NO									
O&M	PEOPLE AND CULTURE DEPARTMENT	DIVERSITY AND WORKFORCE MANAGEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
O&M	**PEOPLE AND CULTURE DEPARTMENT**	**SubTotal DIVERSITY AND WORKFORCE MANAGEMENT**				Yes	NO									
O&M	PEOPLE AND CULTURE DEPARTMENT	DRUG AND ALCOHOL TESTING PROGRAM	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	PEOPLE AND CULTURE DEPARTMENT	DRUG AND ALCOHOL TESTING PROGRAM	Incident Involving an Employee	Drug & Alcohol Testing Program	N/A	No	YES	NO	YES	N/A	DOT Random testing percentages change from year to year, based on national positivity rates. Random follow-up testing rates change from year to year. As a company SDG&E has had few employees participate in its follow up program compared to authorized numbers in 2024. Less positive drug tests mean less follow-up drug and alcohol testing.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**PEOPLE AND CULTURE DEPARTMENT**	**SubTotal DRUG AND ALCOHOL TESTING PROGRAM**				Yes	YES	NO								NO
O&M	PEOPLE AND CULTURE DEPARTMENT	EMPLOYEE CARE SERVICES	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO							NO
O&M	**PEOPLE AND CULTURE DEPARTMENT**	**SubTotal EMPLOYEE CARE SERVICES**				Yes	NO									
O&M	PEOPLE AND CULTURE DEPARTMENT	EXECUTIVE OFFICES	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	PEOPLE AND CULTURE DEPARTMENT	EXECUTIVE OFFICES	Incident Involving an Employee	Utilizing OSHA and Industry Best Practices and Industry Benchmarking	N/A	No	YES	NO	YES	N/A	Membership dues for Edison Electric Institute (EEI) and American Gas Association (AGA) are included in 2024 actuals even though the costs were denied in the final 2024 GRC decision.	On Target (T)	On Target (T)	Over (O)	Proceeding as Planned	NO
O&M	**PEOPLE AND CULTURE DEPARTMENT**	**SubTotal EXECUTIVE OFFICES**				Yes	YES	NO								NO
O&M	PEOPLE AND CULTURE DEPARTMENT	HUMAN RESOURCES	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
O&M	**PEOPLE AND CULTURE DEPARTMENT**	**SubTotal HUMAN RESOURCES**				Yes	NO									
O&M	PEOPLE AND CULTURE DEPARTMENT	LONG TERM DISABILITY (LTD)	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
O&M	**PEOPLE AND CULTURE DEPARTMENT**	**SubTotal LONG TERM DISABILITY (LTD)**				Yes	NO									
O&M	PEOPLE AND CULTURE DEPARTMENT	ORGANIZATION AL EFFECTIVENESS	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**PEOPLE AND CULTURE DEPARTMENT**	**SubTotal ORGANIZATION AL EFFECTIVENESS**				Yes	YES	NO								NO
O&M	PEOPLE AND CULTURE DEPARTMENT	PEOPLE RESEARCH	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
O&M	**PEOPLE AND CULTURE DEPARTMENT**	**SubTotal PEOPLE RESEARCH**				Yes	NO									
O&M	PEOPLE AND CULTURE DEPARTMENT	TOTAL DISABILITY	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
O&M	**PEOPLE AND CULTURE DEPARTMENT**	**SubTotal TOTAL DISABILITY**				Yes	NO									
O&M	PEOPLE AND CULTURE DEPARTMENT	VP - PEOPLE AND CULTURE	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	Over (O)	Over (O)	Over (O)	Other	NO
O&M	**PEOPLE AND CULTURE DEPARTMENT**	**SubTotal VP - PEOPLE AND CULTURE**				Yes	YES	NO								NO
O&M	PEOPLE AND CULTURE DEPARTMENT	WELLNESS PROGRAMS	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	Under (U)	Under (U)	Under (U)	Other	YES
O&M	PEOPLE AND CULTURE DEPARTMENT	WELLNESS PROGRAMS	Incident Involving an Employee	Employee Wellness Programs	Overall	No	YES	NO	YES	N/A	The incremental Wellness Programs Coordinator was not hired in 2024.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**PEOPLE AND CULTURE DEPARTMENT**	**SubTotal WELLNESS PROGRAMS**				Yes	YES	NO								NO
O&M	PEOPLE AND CULTURE DEPARTMENT	WORKERS' COMPENSATION	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
O&M	**PEOPLE AND CULTURE DEPARTMENT**	**SubTotal WORKERS' COMPENSATION**				Yes	NO									

SDG&E PEOPLE AND CULTURE DEPARTMENT O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Status Variance Explanation	WP Activity Description	2GRC Testimony Location
O&M	PEOPLE AND CULTURE DEPARTMENT	PEOPLE AND CULTURE DEPARTMENT				Yes			
O&M	PEOPLE AND CULTURE DEPARTMENT	BUSINESS IMPROVEMENT AND PROCESS OPTIMIZATION	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**PEOPLE AND CULTURE DEPARTMENT**	**SubTotal BUSINESS IMPROVEMENT AND PROC ESS OPTIMIZATION**				Yes			
O&M	PEOPLE AND CULTURE DEPARTMENT	BUSINESS OPTIMIZATION	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**PEOPLE AND CULTURE DEPARTMENT**	**SubTotal BUSINESS OPTIMIZATION**				Yes			
O&M	PEOPLE AND CULTURE DEPARTMENT	DIVERSITY AND INCLUSION	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**PEOPLE AND CULTURE DEPARTMENT**	**SubTotal DIVERSITY AND INCLUSION**				Yes			
O&M	PEOPLE AND CULTURE DEPARTMENT	DIVERSITY AND WORKFORCE MANAGEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**PEOPLE AND CULTURE DEPARTMENT**	**SubTotal DIVERSITY AND WORKFORCE MANAGEMENT**				Yes			
O&M	PEOPLE AND CULTURE DEPARTMENT	DRUG AND ALCOHOL TESTING PROGRAM	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
O&M	PEOPLE AND CULTURE DEPARTMENT	DRUG AND ALCOHOL TESTING PROGRAM	Incident Involving an Employee	Drug & Alcohol Testing Program	N/A	No	N/A	The administration of this testing program includes management and oversight of all pre-employment, random, and other required drug and alcohol testing of employees in safety-sensitive positions under the Department of Transportation (DOT) regulations.	SDG&E-32-2E AGT-37 to AGT-38 WP 2100-3014.000
O&M	**PEOPLE AND CULTURE DEPARTMENT**	**SubTotal DRUG AND ALCOHOL TESTING PROGRAM**				Yes			
O&M	PEOPLE AND CULTURE DEPARTMENT	EMPLOYEE CARE SERVICES	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**PEOPLE AND CULTURE DEPARTMENT**	**SubTotal EMPLOYEE CARE SERVICES**				Yes			
O&M	PEOPLE AND CULTURE DEPARTMENT	EXECUTIVE OFFICES	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
O&M	PEOPLE AND CULTURE DEPARTMENT	EXECUTIVE OFFICES	Incident Involving an Employee	Utilizing OSHA and Industry Best Practices and Industry Benchmarking	N/A	No	N/A	The Chief Executive Officer (CEO) and President & CFO provide executive leadership guidance and strategic direction of the Company's mission, vision, and values. The CEO and President & CFO are responsible and accountable for SDG&E's overall performance. The Executive Offices executes the direction utility employees follow in providing safe and reliable service to customers. The CEO is the highest-ranking officer at SDG&E. Reporting directly to the CEO are the President & CFO, SVP & General Counsel, SVP of Customer Service & External Affairs, VP of People & Culture, VP of Electric Operations. The President & CFO directs the activities of the organization in accordance with policies, goals, and objectives established by the CEO. Reporting directly to the President & CFO are the SVP, CIO & Chief Digital Officer, SVP – State Government Affairs & CRO, VP – Operations Support, VP – Energy Innovation, VP – Controller & Chief Accounting Officer, VP – Energy Procurement & Sustainability.	SDG&E-32-2E AGT-31 to AGT-34 WP 1HB008.000
O&M	**PEOPLE AND CULTURE DEPARTMENT**	**SubTotal EXECUTIVE OFFICES**				Yes			
O&M	PEOPLE AND CULTURE DEPARTMENT	HUMAN RESOURCES	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**PEOPLE AND CULTURE DEPARTMENT**	**SubTotal HUMAN RESOURCES**				Yes			
O&M	PEOPLE AND CULTURE DEPARTMENT	LONG TERM DISABILITY (LTD)	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**PEOPLE AND CULTURE DEPARTMENT**	**SubTotal LONG TERM DISABILITY (LTD)**				Yes			
O&M	PEOPLE AND CULTURE DEPARTMENT	ORGANIZATIONAL EFFECTIVENESS	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
O&M	**PEOPLE AND CULTURE DEPARTMENT**	**SubTotal ORGANIZATIONAL EFFECTIVENESS**				Yes			
O&M	PEOPLE AND CULTURE DEPARTMENT	PEOPLE RESEARCH	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**PEOPLE AND CULTURE DEPARTMENT**	**SubTotal PEOPLE RESEARCH**				Yes			
O&M	PEOPLE AND CULTURE DEPARTMENT	TOTAL DISABILITY	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**PEOPLE AND CULTURE DEPARTMENT**	**SubTotal TOTAL DISABILITY**				Yes			
O&M	PEOPLE AND CULTURE DEPARTMENT	VP - PEOPLE AND CULTURE	Non-RAMP	Non-RAMP	Non-RAMP	No	Workpaper EH000 was denied in the final GRC Decision; however an Advice Letter 4026-E-A/ 3410-G-A (Cost Recovery Supplemental) has been filed to seek recovery.	The VP – People and Culture provides leadership and strategic direction to an organization of approximately 70 employees, as well as ensures employees have the qualifications, experience, and skillset to perform their work. The VP – People and Culture is also responsible for implementing policies, programs, and activities aimed at attracting and retaining a qualified skilled workforce that is invested in the Company's goals and serving the community.	SDG&E-32-2E AGT-11 to AGT-12 WP 1HB000.000
O&M	**PEOPLE AND CULTURE DEPARTMENT**	**SubTotal VP - PEOPLE AND CULTURE**				Yes			
O&M	PEOPLE AND CULTURE DEPARTMENT	WELLNESS PROGRAMS	Non-RAMP	Non-RAMP	Non-RAMP	No	SDG&E understands that this component of the Wellness Programs Framework should have been coupled with the broader Wellness Programs Framework below. SDG&E does not anticipate having a non-RAMP component of its Wellness Programs Framework in this General Rate Case cycle.	Wellness Programs is responsible for managing and administering the Company's Employee Assistance Program (EAP), as well as assisting with sensitive HR-related issues associated with possible substance abuse or threats of workplace violence.	SDG&E-32-2E AGT-38 to AGT-40 WP 2100-3906.000
O&M	PEOPLE AND CULTURE DEPARTMENT	WELLNESS PROGRAMS	Incident Involving an Employee	Employee Wellness Programs	Overall	No	N/A	Wellness Programs is responsible for managing and administering the Company's Employee Assistance Program (EAP), as well as assisting with sensitive HR-related issues associated with possible substance abuse or threats of workplace violence.	SDG&E-32-2E AGT-38 to AGT-40 WP 2100-3906.000
O&M	**PEOPLE AND CULTURE DEPARTMENT**	**SubTotal WELLNESS PROGRAMS**				Yes			
O&M	PEOPLE AND CULTURE DEPARTMENT	WORKERS' COMPENSATION	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**PEOPLE AND CULTURE DEPARTMENT**	**SubTotal WORKERS' COMPENSATION**				Yes			

SDG&E ADMINISTRATIVE & GENERAL O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date ($)
O&M	ADMINISTRATIVE & GENERAL	ADMINISTRATIVE & GENERAL				Yes			43.166	---	---	---	43.166	47.065	48.473	49.933	51.431	47.065
O&M	ADMINISTRATIVE & GENERAL	ACCOUNTING RESEARCH & BUSINESS CONTROLS	Non-RAMP	Non-RAMP	Non-RAMP	No			3.90	---	---	---	3.90	4.55	4.69	4.83	4.97	4.55
O&M	**ADMINISTRATIVE & GENERAL**	**Subtotal ACCOUNTING RESEARCH & BUSINESS CONTROLS**				**Yes**			**3.90**	---	---	---	**3.90**	**4.55**	**4.69**	**4.83**	**4.97**	**4.55**
O&M	ADMINISTRATIVE & GENERAL	ACCOUNTS PAYABLE (AP)	Non-RAMP	Non-RAMP	Non-RAMP	No			1.103	---	---	---	1.103	1.120	1.154	1.189	1.225	1.120
O&M	**ADMINISTRATIVE & GENERAL**	**Subtotal ACCOUNTS PAYABLE (AP)**				**Yes**			**1.103**	---	---	---	**1.103**	**1.120**	**1.154**	**1.189**	**1.225**	**1.120**
O&M	ADMINISTRATIVE & GENERAL	AFFILIATE BILLING & COSTING (ABC)	Non-RAMP	Non-RAMP	Non-RAMP	No			3.83	---	---	---	3.83	4.44	4.57	4.71	4.85	4.44
O&M	**ADMINISTRATIVE & GENERAL**	**Subtotal AFFILIATE BILLING & COSTING (ABC)**				**Yes**			**3.83**	---	---	---	**3.83**	**4.44**	**4.57**	**4.71**	**4.85**	**4.44**
O&M	ADMINISTRATIVE & GENERAL	ASSET & PROJECT ACCOUNTING (A&PA) - PLANT ACCOUNTING AND FINANCIAL & RATEBASE SERVICES	Non-RAMP	Non-RAMP	Non-RAMP	No			2.665	---	---	---	2.665	2.767	2.850	2.936	3.024	2.767
O&M	**ADMINISTRATIVE & GENERAL**	**Subtotal ASSET & PROJECT ACCOUNTING (A&PA) - PLANT ACCOUNTING AND FINANCIAL & RATEBASE SERVICES**				**Yes**			**2.665**	---	---	---	**2.665**	**2.767**	**2.850**	**2.936**	**3.024**	**2.767**
O&M	ADMINISTRATIVE & GENERAL	ASSISTANT CONTROLLER	Non-RAMP	Non-RAMP	Non-RAMP	No			3.48	---	---	---	3.48	3.58	3.69	3.80	3.91	3.58
O&M	**ADMINISTRATIVE & GENERAL**	**Subtotal ASSISTANT CONTROLLER**				**Yes**			**3.48**	---	---	---	**3.48**	**3.58**	**3.69**	**3.80**	**3.91**	**3.58**
O&M	ADMINISTRATIVE & GENERAL	BILLABLE PROJECT ACCOUNTING & SUNDRY SERVICES (BPA & SS)	Non-RAMP	Non-RAMP	Non-RAMP	No			7.93	---	---	---	7.93	9.69	9.98	1.028	1.059	9.69
O&M	**ADMINISTRATIVE & GENERAL**	**Subtotal BILLABLE PROJECT ACCOUNTING & SUNDRY SERVICES (BPA & SS)**				**Yes**			**7.93**	---	---	---	**7.93**	**9.69**	**9.98**	**1.028**	**1.059**	**9.69**
O&M	ADMINISTRATIVE & GENERAL	BUSINESS INNOVATIONS AND FINANCIAL SYSTEMS CLIENT SUPPORT	Non-RAMP	Non-RAMP	Non-RAMP	No			9.04	---	---	---	9.04	8.16	8.40	8.65	8.91	8.16
O&M	**ADMINISTRATIVE & GENERAL**	**Subtotal BUSINESS INNOVATIONS AND FINANCIAL SYSTEMS CLIENT SUPPORT**				**Yes**			**9.04**	---	---	---	**9.04**	**8.16**	**8.40**	**8.65**	**8.91**	**8.16**
O&M	ADMINISTRATIVE & GENERAL	CLAIMS	Non-RAMP	Non-RAMP	Non-RAMP	No			1.480	---	---	---	1.480	1.420	1.463	1.507	1.552	1.420
O&M	**ADMINISTRATIVE & GENERAL**	**Subtotal CLAIMS**				**Yes**			**1.480**	---	---	---	**1.480**	**1.420**	**1.463**	**1.507**	**1.552**	**1.420**
O&M	ADMINISTRATIVE & GENERAL	CLAIMS PAYMENTS AND RECOVERY COSTS	Non-RAMP	Non-RAMP	Non-RAMP	No			3.149	---	---	---	3.149	4.222	4.349	4.479	4.613	4.222
O&M	**ADMINISTRATIVE & GENERAL**	**Subtotal CLAIMS PAYMENTS AND RECOVERY COSTS**				Yes			**3.149**	---	---	---	**3.149**	**4.222**	**4.349**	**4.479**	**4.613**	**4.222**
O&M	ADMINISTRATIVE & GENERAL	COMMUNITY RELATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	1.138	---	---	---	1.138	1.256	1.294	1.333	1.373	1.256
O&M	**ADMINISTRATIVE & GENERAL**	**Subtotal COMMUNITY RELATIONS**				**Yes**			**1.138**	---	---	---	**1.138**	**1.256**	**1.294**	**1.333**	**1.373**	**1.256**
O&M	ADMINISTRATIVE & GENERAL	FINANCIAL & BUSINESS PLANNING	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	6.431	---	---	---	6.431	7.186	7.402	7.624	7.853	7.186
O&M	**ADMINISTRATIVE & GENERAL**	**Subtotal FINANCIAL & BUSINESS PLANNING**				**Yes**			**6.431**	---	---	---	**6.431**	**7.186**	**7.402**	**7.624**	**7.853**	**7.186**
O&M	ADMINISTRATIVE & GENERAL	FINANCIAL ACCOUNTING	Non-RAMP	Non-RAMP	Non-RAMP	No			1.098	---	---	---	1.098	1.075	1.107	1.140	1.174	1.075
O&M	**ADMINISTRATIVE & GENERAL**	**Subtotal FINANCIAL ACCOUNTING**				Yes			**1.098**	---	---	---	**1.098**	**1.075**	**1.107**	**1.140**	**1.174**	**1.075**
O&M	ADMINISTRATIVE & GENERAL	FINANCIAL PLANNING SYSTEMS	Non-RAMP	Non-RAMP	Non-RAMP	No			9.35	---	---	---	9.35	8.84	9.11	9.38	9.66	8.84
O&M	**ADMINISTRATIVE & GENERAL**	**Subtotal FINANCIAL PLANNING SYSTEMS**				**Yes**			**9.35**	---	---	---	**9.35**	**8.84**	**9.11**	**9.38**	**9.66**	**8.84**
O&M	ADMINISTRATIVE & GENERAL	GENERAL COUNSEL	Non-RAMP	Non-RAMP	Non-RAMP	No			11.825	---	---	---	11.825	11.889	12.246	12.613	12.991	11.889
O&M	**ADMINISTRATIVE & GENERAL**	**Subtotal GENERAL COUNSEL**				**Yes**			**11.825**	---	---	---	**11.825**	**11.889**	**12.246**	**12.613**	**12.991**	**11.889**
O&M	ADMINISTRATIVE & GENERAL	GRC & REVENUE REQUIREMENTS	Non-RAMP	Non-RAMP	Non-RAMP	No			5.09	---	---	---	5.09	8.20	8.45	8.70	8.96	8.20
O&M	**ADMINISTRATIVE & GENERAL**	**Subtotal GRC & REVENUE REQUIREMENTS**				Yes			**5.09**	---	---	---	**5.09**	**8.20**	**8.45**	**8.70**	**8.96**	**8.20**
O&M	ADMINISTRATIVE & GENERAL	GRC & REVENUE REQUIREMENTS - GRC ACCOUNTABILITY REPORTING	Non-RAMP	Non-RAMP	Non-RAMP	No			5.05	---	---	---	5.05	3.15	3.24	3.34	3.44	3.15
O&M	**ADMINISTRATIVE & GENERAL**	**Subtotal GRC & REVENUE REQUIREMENTS - GRC ACCOUNTABILITY REPORTING**				**Yes**			**5.05**	---	---	---	**5.05**	**3.15**	**3.24**	**3.34**	**3.44**	**3.15**
O&M	ADMINISTRATIVE & GENERAL	GRC & REVENUE REQUIREMENTS - GRC CASE MANAGEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No			7.61	---	---	---	7.61	8.10	8.55	8.81	9.07	8.10
O&M	**ADMINISTRATIVE & GENERAL**	**Subtotal GRC & REVENUE REQUIREMENTS - GRC CASE MANAGEMENT**				Yes			**7.61**	---	---	---	**7.61**	**8.10**	**8.55**	**8.81**	**9.07**	**8.10**
O&M	ADMINISTRATIVE & GENERAL	POLICY & PROCEEDINGS - CASE MANAGEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No			3.118	---	---	---	3.118	3.756	3.869	3.985	4.105	3.756
O&M	**ADMINISTRATIVE & GENERAL**	**Subtotal POLICY & PROCEEDINGS - CASE MANAGEMENT**				**Yes**			**3.118**	---	---	---	**3.118**	**3.756**	**3.869**	**3.985**	**4.105**	**3.756**
O&M	ADMINISTRATIVE & GENERAL	POLICY & PROCEEDINGS - TARIFFS AND COMPLIANCE AND STRATEGIC PLANNING	Non-RAMP	Non-RAMP	Non-RAMP	No			1.270	---	---	---	1.270	2.156	2.221	2.288	2.357	2.156
O&M	**ADMINISTRATIVE & GENERAL**	**Subtotal POLICY & PROCEEDINGS - TARIFFS AND COMPLIANCE AND STRATEGIC PLANNING**				**Yes**			**1.270**	---	---	---	**1.270**	**2.156**	**2.221**	**2.288**	**2.357**	**2.156**
O&M	ADMINISTRATIVE & GENERAL	REGULATORY POLICY & LEGISLATIVE ANALYSIS	Non-RAMP	Non-RAMP	Non-RAMP	No			1.08	---	---	---	1.08	20.1	20.9	27.7	28.5	20.1
O&M	**ADMINISTRATIVE & GENERAL**	**Subtotal REGULATORY POLICY & LEGISLATIVE ANALYSIS**				Yes			**1.08**	---	---	---	**1.08**	**20.1**	**20.9**	**27.7**	**28.5**	**20.1**
O&M	ADMINISTRATIVE & GENERAL	REGULATORY REPORTING AND REGULATORY ACCOUNTS	Non-RAMP	Non-RAMP	Non-RAMP	No			1.353	---	---	---	1.353	1.774	1.827	1.882	1.938	1.774
O&M	**ADMINISTRATIVE & GENERAL**	**Subtotal REGULATORY REPORTING AND REGULATORY ACCOUNTS**				**Yes**			**1.353**	---	---	---	**1.353**	**1.774**	**1.827**	**1.882**	**1.938**	**1.774**
O&M	ADMINISTRATIVE & GENERAL	SAN FRANCISCO OPERATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No			8.31	---	---	---	8.31	8.99	9.26	9.54	9.83	8.99
O&M	**ADMINISTRATIVE & GENERAL**	**Subtotal SAN FRANCISCO OPERATIONS**				Yes			**8.31**	---	---	---	**8.31**	**8.99**	**9.26**	**9.54**	**9.83**	**8.99**
O&M	ADMINISTRATIVE & GENERAL	SVP - STATE GOVERNMENT AFFAIRS & CRO	Non-RAMP	Non-RAMP	Non-RAMP	No			9.27	---	---	---	9.27	5.82	5.99	6.17	6.36	5.82
O&M	**ADMINISTRATIVE & GENERAL**	**Subtotal SVP - STATE GOVERNMENT AFFAIRS & CRO**				**Yes**			**9.27**	---	---	---	**9.27**	**5.82**	**5.99**	**6.17**	**6.36**	**5.82**
O&M	ADMINISTRATIVE & GENERAL	VP - CONTROLLER & CAO	Non-RAMP	Non-RAMP	Non-RAMP	No			1.063	---	---	---	1.063	4.76	4.90	5.05	5.20	4.76
O&M	**ADMINISTRATIVE & GENERAL**	**Subtotal VP - CONTROLLER & CAO**				**Yes**			**1.063**	---	---	---	**1.063**	**4.76**	**4.90**	**5.05**	**5.20**	**4.76**
O&M	ADMINISTRATIVE & GENERAL	COMMUNITY RELATIONS NSS	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	1	---	---	---	1	3.35	3.45	3.55	3.66	3.35
O&M	**ADMINISTRATIVE & GENERAL**	**Subtotal COMMUNITY RELATIONS NSS**				**Yes**			**1**	---	---	---	**1**	**3.35**	**3.45**	**3.55**	**3.66**	**3.35**

SDG&E ADMINISTRATIVE & GENERAL O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference ($)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
O&M	ADMINISTRATIVE & GENERAL	ADMINISTRATIVE & GENERAL				Yes	(3,899)	(48,479)	(49,934)	(51,431)	(3,899)	-8%	-100%	-100%	-100%	-8%
O&M	ADMINISTRATIVE & GENERAL	ACCOUNTING RESEARCH & BUSINESS CONTROLS	Non-RAMP	Non-RAMP	Non-RAMP	No	(6.5)	(46.9)	(48.3)	(49.7)	(6.5)	-14%	-100%	-100%	-100%	-14%
O&M	**ADMINISTRATIVE & GENERAL**	**Subtotal ACCOUNTING RESEARCH & BUSINESS CONTROLS**				**Yes**	**(6.5)**	**(46.9)**	**(48.3)**	**(49.7)**	**(6.5)**	**-14%**	**-100%**	**-100%**	**-100%**	**-14%**
O&M	ADMINISTRATIVE & GENERAL	ACCOUNTS PAYABLE (AP)	Non-RAMP	Non-RAMP	Non-RAMP	No	(1.7)	(1,154)	(1,189)	(1,225)	(17)	-2%	-100%	-100%	-100%	-2%
O&M	**ADMINISTRATIVE & GENERAL**	**Subtotal ACCOUNTS PAYABLE (AP)**				**Yes**	**(1.7)**	**(1,154)**	**(1,189)**	**(1,225)**	**(17)**	**-2%**	**-100%**	**-100%**	**-100%**	**-2%**
O&M	ADMINISTRATIVE & GENERAL	AFFILIATE BILLING & COSTING (ABC)	Non-RAMP	Non-RAMP	Non-RAMP	No	(6.1)	(457)	(471)	(485)	(6.1)	-14%	-100%	-100%	-100%	-14%
O&M	**ADMINISTRATIVE & GENERAL**	**Subtotal AFFILIATE BILLING & COSTING (ABC)**				**Yes**	**(6.1)**	**(457)**	**(471)**	**(485)**	**(6.1)**	**-14%**	**-100%**	**-100%**	**-100%**	**-14%**
O&M	ADMINISTRATIVE & GENERAL	ASSET & PROJECT ACCOUNTING (A&PA) - PLANT ACCOUNTING AND FINANCIAL & RATEBASE SERVICES	Non-RAMP	Non-RAMP	Non-RAMP	No	(10.2)	(2,850)	(2,936)	(3,024)	(10.2)	-4%	-100%	-100%	-100%	-9%
O&M	**ADMINISTRATIVE & GENERAL**	**Subtotal ASSET & PROJECT ACCOUNTING (A&PA) - PLANT ACCOUNTING AND FINANCIAL & RATEBASE SERVICES**				**Yes**	**(10.2)**	**(2,850)**	**(2,936)**	**(3,024)**	**(10.2)**	**-4%**	**-100%**	**-100%**	**-100%**	**-9%**
O&M	ADMINISTRATIVE & GENERAL	ASSISTANT CONTROLLER	Non-RAMP	Non-RAMP	Non-RAMP	No	(1.0)	(36.9)	(38.0)	(39.1)	(1.0)	-3%	-100%	-100%	-100%	-3%
O&M	**ADMINISTRATIVE & GENERAL**	**Subtotal ASSISTANT CONTROLLER**				**Yes**	**(1.0)**	**(36.9)**	**(38.0)**	**(39.1)**	**(1.0)**	**-3%**	**-100%**	**-100%**	**-100%**	**-3%**
O&M	ADMINISTRATIVE & GENERAL	BILLABLE PROJECT ACCOUNTING & SUNDRY SERVICES (BPA & SS)	Non-RAMP	Non-RAMP	Non-RAMP	No	(17.6)	(993)	(1,023)	(1,053)	(17.6)	-18%	-100%	-100%	-100%	-18%
O&M	**ADMINISTRATIVE & GENERAL**	**Subtotal BILLABLE PROJECT ACCOUNTING & SUNDRY SERVICES (BPA & SS)**				**Yes**	**(17.6)**	**(99.8)**	**(1,023)**	**(1,053)**	**(17.6)**	**-18%**	**-100%**	**-100%**	**-100%**	**-18%**
O&M	ADMINISTRATIVE & GENERAL	BUSINESS INNOVATIONS AND FINANCIAL SYSTEMS CLIENT SUPPORT	Non-RAMP	Non-RAMP	Non-RAMP	No	88	(84.0)	(86.5)	(89.1)	88	11%	-100%	-100%	-100%	11%
O&M	**ADMINISTRATIVE & GENERAL**	**Subtotal BUSINESS INNOVATIONS AND FINANCIAL SYSTEMS CLIENT SUPPORT**				**Yes**	**88**	**(84.0)**	**(86.5)**	**(89.1)**	**88**	**11%**	**-100%**	**-100%**	**-100%**	**11%**
O&M	ADMINISTRATIVE & GENERAL	CLAIMS	Non-RAMP	Non-RAMP	Non-RAMP	No	60	(1,463)	(1,507)	(1,552)	60	4%	-100%	-100%	-100%	4%
O&M	**ADMINISTRATIVE & GENERAL**	**Subtotal CLAIMS**				**Yes**	**60**	**(1,463)**	**(1,507)**	**(1,552)**	**60**	**4%**	**-100%**	**-100%**	**-100%**	**4%**
O&M	ADMINISTRATIVE & GENERAL	CLAIMS PAYMENTS AND RECOVERY COSTS	Non-RAMP	Non-RAMP	Non-RAMP	No	(1,073)	(4,349)	(4,479)	(4,613)	(1,073)	-25%	-100%	-100%	-100%	-25%
O&M	**ADMINISTRATIVE & GENERAL**	**Subtotal CLAIMS PAYMENTS AND RECOVERY COSTS**				**Yes**	**(1,073)**	**(4,349)**	**(4,479)**	**(4,613)**	**(1,073)**	**-25%**	**-100%**	**-100%**	**-100%**	**-25%**
O&M	ADMINISTRATIVE & GENERAL	COMMUNITY RELATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	(11.0)	(1,294)	(1,333)	(1,373)	(11.0)	-9%	-100%	-100%	-100%	-9%
O&M	**ADMINISTRATIVE & GENERAL**	**Subtotal COMMUNITY RELATIONS**				**Yes**	**(11.0)**	**(1,294)**	**(1,333)**	**(1,373)**	**(11.0)**	**-9%**	**-100%**	**-100%**	**-100%**	**-9%**
O&M	ADMINISTRATIVE & GENERAL	FINANCIAL & BUSINESS PLANNING	Non-RAMP	Non-RAMP	Non-RAMP	No	(75.5)	(7,402)	(7,624)	(7,853)	(75.5)	-11%	-100%	-100%	-100%	-11%
O&M	**ADMINISTRATIVE & GENERAL**	**Subtotal FINANCIAL & BUSINESS PLANNING**				**Yes**	**(75.5)**	**(7,402)**	**(7,624)**	**(7,853)**	**(75.5)**	**-11%**	**-100%**	**-100%**	**-100%**	**-11%**
O&M	ADMINISTRATIVE & GENERAL	FINANCIAL ACCOUNTING	Non-RAMP	Non-RAMP	Non-RAMP	No	23	(1,117)	(1,140)	(1,174)	23	2%	-100%	-100%	-100%	2%
O&M	**ADMINISTRATIVE & GENERAL**	**Subtotal FINANCIAL ACCOUNTING**				**Yes**	**23**	**(1,117)**	**(1,140)**	**(1,174)**	**23**	**2%**	**-100%**	**-100%**	**-100%**	**2%**
O&M	ADMINISTRATIVE & GENERAL	FINANCIAL PLANNING SYSTEMS	Non-RAMP	Non-RAMP	Non-RAMP	No	51	(91.1)	(93.8)	(96.6)	51	6%	-100%	-100%	-100%	6%
O&M	**ADMINISTRATIVE & GENERAL**	**Subtotal FINANCIAL PLANNING SYSTEMS**				**Yes**	**51**	**(91.1)**	**(93.8)**	**(96.6)**	**51**	**6%**	**-100%**	**-100%**	**-100%**	**6%**
O&M	ADMINISTRATIVE & GENERAL	GENERAL COUNSEL	Non-RAMP	Non-RAMP	Non-RAMP	No	(6.4)	(12,244)	(12,613)	(12,991)	(6.4)	-1%	-100%	-100%	-100%	-1%
O&M	**ADMINISTRATIVE & GENERAL**	**Subtotal GENERAL COUNSEL**				**Yes**	**(6.4)**	**(12,244)**	**(12,613)**	**(12,991)**	**(6.4)**	**-1%**	**-100%**	**-100%**	**-100%**	**-1%**
O&M	ADMINISTRATIVE & GENERAL	GRC & REVENUE REQUIREMENTS	Non-RAMP	Non-RAMP	Non-RAMP	No	(23.1)	(94.5)	(97.0)	(99.6)	(23.1)	-20%	-100%	-100%	-100%	-20%
O&M	**ADMINISTRATIVE & GENERAL**	**Subtotal GRC & REVENUE REQUIREMENTS**				**Yes**	**(23.1)**	**(94.5)**	**(97.0)**	**(99.6)**	**(23.1)**	**-20%**	**-100%**	**-100%**	**-100%**	**-20%**
O&M	ADMINISTRATIVE & GENERAL	GRC & REVENUE REQUIREMENTS - GRC ACCOUNTABILITY REPORTING	Non-RAMP	Non-RAMP	Non-RAMP	No	1.90	(32.4)	(33.4)	(34.4)	1.90	60%	-100%	-100%	-100%	60%
O&M	**ADMINISTRATIVE & GENERAL**	**Subtotal GRC & REVENUE REQUIREMENTS - GRC ACCOUNTABILITY REPORTING**				**Yes**	**1.90**	**(32.4)**	**(33.4)**	**(34.4)**	**1.90**	**60%**	**-100%**	**-100%**	**-100%**	**60%**
O&M	ADMINISTRATIVE & GENERAL	GRC & REVENUE REQUIREMENTS - GRC CASE MANAGEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	(6.9)	(85.5)	(88.1)	(90.7)	(6.9)	-8%	-100%	-100%	-100%	-8%
O&M	**ADMINISTRATIVE & GENERAL**	**Subtotal GRC & REVENUE REQUIREMENTS - GRC CASE MANAGEMENT**				**Yes**	**(6.9)**	**(85.5)**	**(88.1)**	**(90.7)**	**(6.9)**	**-8%**	**-100%**	**-100%**	**-100%**	**-8%**
O&M	ADMINISTRATIVE & GENERAL	POLICY & PROCEEDINGS - CASE MANAGEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	(63.0)	(3,867)	(3,985)	(4,105)	(63.0)	-17%	-100%	-100%	-100%	-17%
O&M	**ADMINISTRATIVE & GENERAL**	**Subtotal POLICY & PROCEEDINGS - CASE MANAGEMENT**				**Yes**	**(63.0)**	**(3,867)**	**(3,985)**	**(4,105)**	**(63.0)**	**-17%**	**-100%**	**-100%**	**-100%**	**-17%**
O&M	ADMINISTRATIVE & GENERAL	POLICY & PROCEEDINGS - TARIFFS AND COMPLIANCE AND STRATEGIC PLANNING	Non-RAMP	Non-RAMP	Non-RAMP	No	(80.6)	(2,221)	(2,288)	(2,357)	(80.6)	-41%	-100%	-100%	-100%	-41%
O&M	**ADMINISTRATIVE & GENERAL**	**Subtotal POLICY & PROCEEDINGS - TARIFFS AND COMPLIANCE AND STRATEGIC PLANNING**				**Yes**	**(80.6)**	**(2,221)**	**(2,288)**	**(2,357)**	**(80.6)**	**-41%**	**-100%**	**-100%**	**-100%**	**-41%**
O&M	ADMINISTRATIVE & GENERAL	REGULATORY POLICY & LEGISLATIVE ANALYSIS	Non-RAMP	Non-RAMP	Non-RAMP	No	(15.3)	(26.9)	(27.7)	(28.5)	(15.3)	-58%	-100%	-100%	-100%	-58%
O&M	**ADMINISTRATIVE & GENERAL**	**Subtotal REGULATORY POLICY & LEGISLATIVE ANALYSIS**				**Yes**	**(15.3)**	**(26.9)**	**(27.7)**	**(28.5)**	**(15.3)**	**-58%**	**-100%**	**-100%**	**-100%**	**-58%**
O&M	ADMINISTRATIVE & GENERAL	REGULATORY REPORTING AND REGULATORY ACCOUNTS	Non-RAMP	Non-RAMP	Non-RAMP	No	(42.1)	(1,827)	(1,882)	(1,938)	(42.1)	-24%	-100%	-100%	-100%	-24%
O&M	**ADMINISTRATIVE & GENERAL**	**Subtotal REGULATORY REPORTING AND REGULATORY ACCOUNTS**				**Yes**	**(42.1)**	**(1,827)**	**(1,882)**	**(1,938)**	**(42.1)**	**-24%**	**-100%**	**-100%**	**-100%**	**-24%**
O&M	ADMINISTRATIVE & GENERAL	SAN FRANCISCO OPERATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	(6.8)	(92.6)	(95.4)	(98.3)	(6.8)	-8%	-100%	-100%	-100%	-8%
O&M	**ADMINISTRATIVE & GENERAL**	**Subtotal SAN FRANCISCO OPERATIONS**				**Yes**	**(6.8)**	**(92.6)**	**(95.4)**	**(98.3)**	**(6.8)**	**-8%**	**-100%**	**-100%**	**-100%**	**-8%**
O&M	ADMINISTRATIVE & GENERAL	SVP - STATE GOVERNMENT AFFAIRS & CRO	Non-RAMP	Non-RAMP	Non-RAMP	No	3.45	(59.9)	(61.7)	(63.6)	3.45	59%	-100%	-100%	-100%	59%
O&M	**ADMINISTRATIVE & GENERAL**	**Subtotal SVP - STATE GOVERNMENT AFFAIRS & CRO**				**Yes**	**3.45**	**(59.9)**	**(61.7)**	**(63.6)**	**3.45**	**59%**	**-100%**	**-100%**	**-100%**	**59%**
O&M	ADMINISTRATIVE & GENERAL	VP - CONTROLLER & CAO	Non-RAMP	Non-RAMP	Non-RAMP	No	5.87	(49.0)	(50.5)	(52.0)	5.87	123%	-100%	-100%	-100%	123%
O&M	**ADMINISTRATIVE & GENERAL**	**Subtotal VP - CONTROLLER & CAO**				**Yes**	**5.87**	**(49.0)**	**(50.5)**	**(52.0)**	**5.87**	**123%**	**-100%**	**-100%**	**-100%**	**123%**
O&M	ADMINISTRATIVE & GENERAL	COMMUNITY RELATIONS NSS	Non-RAMP	Non-RAMP	Non-RAMP	No	(33.4)	(34.5)	(35.5)	(36.6)	(33.4)	-100%	-100%	-100%	-100%	-100%
O&M	**ADMINISTRATIVE & GENERAL**	**Subtotal COMMUNITY RELATIONS NSS**				**Yes**	**(33.4)**	**(34.5)**	**(35.5)**	**(36.6)**	**(33.4)**	**-100%**	**-100%**	**-100%**	**-100%**	**-100%**

SDG&E ADMINISTRATIVE & GENERAL O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
O&M	ADMINISTRATIVE & GENERAL	ADMINISTRATIVE & GENERAL				Yes																					
O&M	ADMINISTRATIVE & GENERAL	ACCOUNTING RESEARCH & BUSINESS CONTROLS	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	**ADMINISTRATIVE & GENERAL**	**Subtotal ACCOUNTING RESEARCH & BUSINESS CONTROLS**				Yes																					
O&M	ADMINISTRATIVE & GENERAL	ACCOUNTS PAYABLE (AP)	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	**ADMINISTRATIVE & GENERAL**	**Subtotal ACCOUNTS PAYABLE (AP)**				Yes																					
O&M	ADMINISTRATIVE & GENERAL	AFFILIATE BILLING & COSTING (ABC)	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	**ADMINISTRATIVE & GENERAL**	**Subtotal AFFILIATE BILLING & COSTING (ABC)**				Yes																					
O&M	ADMINISTRATIVE & GENERAL	ASSET & PROJECT ACCOUNTING (A&PA) - PLANT ACCOUNTING AND FINANCIAL & RATEBASE SERVICES	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	**ADMINISTRATIVE & GENERAL**	**Subtotal ASSET & PROJECT ACCOUNTING (A&PA) - PLANT ACCOUNTING AND FINANCIAL & RATEBASE SERVICES**				Yes																					
O&M	ADMINISTRATIVE & GENERAL	ASSISTANT CONTROLLER	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	**ADMINISTRATIVE & GENERAL**	**Subtotal ASSISTANT CONTROLLER**				Yes																					
O&M	ADMINISTRATIVE & GENERAL	BILLABLE PROJECT ACCOUNTING & SUNDRY SERVICES (BPA & SS)	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	**ADMINISTRATIVE & GENERAL**	**Subtotal BILLABLE PROJECT ACCOUNTING & SUNDRY SERVICES (BPA & SS)**				Yes																					
O&M	ADMINISTRATIVE & GENERAL	BUSINESS INNOVATIONS AND FINANCIAL SYSTEMS CLIENT SUPPORT	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	**ADMINISTRATIVE & GENERAL**	**Subtotal BUSINESS INNOVATIONS AND FINANCIAL SYSTEMS CLIENT SUPPORT**				Yes																					
O&M	ADMINISTRATIVE & GENERAL	CLAIMS	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	**ADMINISTRATIVE & GENERAL**	**Subtotal CLAIMS**				Yes																					
O&M	ADMINISTRATIVE & GENERAL	CLAIMS PAYMENTS AND RECOVERY COSTS	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	**ADMINISTRATIVE & GENERAL**	**Subtotal CLAIMS PAYMENTS AND RECOVERY COSTS**				Yes																					
O&M	ADMINISTRATIVE & GENERAL	COMMUNITY RELATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	FTE	8	—	—	—	8	9	—	—	—	9	(1)	0	0	0	(1)	(11.1%)	0 %	0 %	0 %	(11.1%)
O&M	**ADMINISTRATIVE & GENERAL**	**Subtotal COMMUNITY RELATIONS**				Yes																					
O&M	ADMINISTRATIVE & GENERAL	FINANCIAL & BUSINESS PLANNING	Non-RAMP	Non-RAMP	Non-RAMP	No	FTE	49	—	—	—	49	55	—	—	—	55	(6)	0	0	0	(6)	(12.7%)	0 %	0 %	0 %	(12.7%)
O&M	**ADMINISTRATIVE & GENERAL**	**Subtotal FINANCIAL & BUSINESS PLANNING**				Yes																					
O&M	ADMINISTRATIVE & GENERAL	FINANCIAL ACCOUNTING	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	**ADMINISTRATIVE & GENERAL**	**Subtotal FINANCIAL ACCOUNTING**				Yes																					
O&M	ADMINISTRATIVE & GENERAL	FINANCIAL PLANNING SYSTEMS	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	**ADMINISTRATIVE & GENERAL**	**Subtotal FINANCIAL PLANNING SYSTEMS**				Yes																					
O&M	ADMINISTRATIVE & GENERAL	GENERAL COUNSEL	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	**ADMINISTRATIVE & GENERAL**	**Subtotal GENERAL COUNSEL**				Yes																					
O&M	ADMINISTRATIVE & GENERAL	GRC & REVENUE REQUIREMENTS	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	**ADMINISTRATIVE & GENERAL**	**Subtotal GRC & REVENUE REQUIREMENTS**				Yes																					
O&M	ADMINISTRATIVE & GENERAL	GRC & REVENUE REQUIREMENTS - GRC ACCOUNTABILITY REPORTING	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	**ADMINISTRATIVE & GENERAL**	**Subtotal GRC & REVENUE REQUIREMENTS - GRC ACCOUNTABILITY REPORTING**				Yes																					
O&M	ADMINISTRATIVE & GENERAL	GRC & REVENUE REQUIREMENTS - GRC CASE MANAGEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	**ADMINISTRATIVE & GENERAL**	**Subtotal GRC & REVENUE REQUIREMENTS - GRC CASE MANAGEMENT**				Yes																					
O&M	ADMINISTRATIVE & GENERAL	POLICY & PROCEEDINGS - CASE MANAGEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	**ADMINISTRATIVE & GENERAL**	**Subtotal POLICY & PROCEEDINGS - CASE MANAGEMENT**				Yes																					
O&M	ADMINISTRATIVE & GENERAL	POLICY & PROCEEDINGS - TARIFFS AND COMPLIANCE AND STRATEGIC PLANNING	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	**ADMINISTRATIVE & GENERAL**	**Subtotal POLICY & PROCEEDINGS - TARIFFS AND COMPLIANCE AND STRATEGIC PLANNING**				Yes																					
O&M	ADMINISTRATIVE & GENERAL	REGULATORY POLICY & LEGISLATIVE ANALYSIS	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	**ADMINISTRATIVE & GENERAL**	**Subtotal REGULATORY POLICY & LEGISLATIVE ANALYSIS**				Yes																					
O&M	ADMINISTRATIVE & GENERAL	REGULATORY REPORTING AND REGULATORY ACCOUNTS	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	**ADMINISTRATIVE & GENERAL**	**Subtotal REGULATORY REPORTING AND REGULATORY ACCOUNTS**				Yes																					
O&M	ADMINISTRATIVE & GENERAL	SAN FRANCISCO OPERATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	**ADMINISTRATIVE & GENERAL**	**Subtotal SAN FRANCISCO OPERATIONS**				Yes																					
O&M	ADMINISTRATIVE & GENERAL	SVP - STATE GOVERNMENT AFFAIRS & CRO	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	**ADMINISTRATIVE & GENERAL**	**Subtotal SVP - STATE GOVERNMENT AFFAIRS & CRO**				Yes																					
O&M	ADMINISTRATIVE & GENERAL	VP - CONTROLLER & CAO	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	**ADMINISTRATIVE & GENERAL**	**Subtotal VP - CONTROLLER & CAO**				Yes																					
O&M	ADMINISTRATIVE & GENERAL	COMMUNITY RELATIONS NSS	Non-RAMP	Non-RAMP	Non-RAMP	No	FTE	—	—	—	—	—	1	—	—	—	1	(1)	0	0	0	(1)	(100)%	0 %	0 %	0 %	(100)%
O&M	**ADMINISTRATIVE & GENERAL**	**Subtotal COMMUNITY RELATIONS NSS**				Yes																					

SDG&E ADMINISTRATIVE & GENERAL O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Safety, Reliability, or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status	Status Variance Explanation Required?
O&M	ADMINISTRATIVE & GENERAL	ADMINISTRATIVE & GENERAL				Yes										
O&M	ADMINISTRATIVE & GENERAL	ACCOUNTING RESEARCH & BUSINESS CONTROLS	Non-RAMP	Non-RAMP	Non-RAMP	No	NO									
O&M	**ADMINISTRATIVE & GENERAL**	**Subtotal ACCOUNTING RESEARCH & BUSINESS CONTROLS**				**Yes**	**NO**									
O&M	ADMINISTRATIVE & GENERAL	ACCOUNTS PAYABLE (AP)	Non-RAMP	Non-RAMP	Non-RAMP	No	NO									
O&M	**ADMINISTRATIVE & GENERAL**	**Subtotal ACCOUNTS PAYABLE (AP)**				**Yes**	**NO**									
O&M	ADMINISTRATIVE & GENERAL	AFFILIATE BILLING & COSTING (ABC)	Non-RAMP	Non-RAMP	Non-RAMP	No	NO									
O&M	**ADMINISTRATIVE & GENERAL**	**Subtotal AFFILIATE BILLING & COSTING (ABC)**				**Yes**	**NO**									
O&M	ADMINISTRATIVE & GENERAL	ASSET & PROJECT ACCOUNTING (A&PA) - PLANT ACCOUNTING AND FINANCIAL & RATEBASE SERVICES	Non-RAMP	Non-RAMP	Non-RAMP	No	NO									
O&M	**ADMINISTRATIVE & GENERAL**	**Subtotal ASSET & PROJECT ACCOUNTING (A&PA) - PLANT ACCOUNTING AND FINANCIAL & RATEBASE SERVICES**				**Yes**	**NO**									
O&M	ADMINISTRATIVE & GENERAL	ASSISTANT CONTROLLER	Non-RAMP	Non-RAMP	Non-RAMP	No	NO									
O&M	**ADMINISTRATIVE & GENERAL**	**Subtotal ASSISTANT CONTROLLER**				**Yes**	**NO**									
O&M	ADMINISTRATIVE & GENERAL	BILLABLE PROJECT ACCOUNTING & SUNDRY SERVICES (BPA & SS)	Non-RAMP	Non-RAMP	Non-RAMP	No	NO									
O&M	**ADMINISTRATIVE & GENERAL**	**Subtotal BILLABLE PROJECT ACCOUNTING & SUNDRY SERVICES (BPA & SS)**				**Yes**	**NO**									
O&M	ADMINISTRATIVE & GENERAL	BUSINESS INNOVATIONS AND FINANCIAL SYSTEMS CLIENT SUPPORT	Non-RAMP	Non-RAMP	Non-RAMP	No	NO									
O&M	**ADMINISTRATIVE & GENERAL**	**Subtotal BUSINESS INNOVATIONS AND FINANCIAL SYSTEMS CLIENT SUPPORT**				**Yes**	**NO**									
O&M	ADMINISTRATIVE & GENERAL	CLAIMS	Non-RAMP	Non-RAMP	Non-RAMP	No	NO									
O&M	**ADMINISTRATIVE & GENERAL**	**Subtotal CLAIMS**				**Yes**	**NO**									
O&M	ADMINISTRATIVE & GENERAL	CLAIMS PAYMENTS AND RECOVERY COSTS	Non-RAMP	Non-RAMP	Non-RAMP	No	NO									
O&M	**ADMINISTRATIVE & GENERAL**	**Subtotal CLAIMS PAYMENTS AND RECOVERY COSTS**				**Yes**	**NO**									
O&M	ADMINISTRATIVE & GENERAL	COMMUNITY RELATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding in Planrul	NO
O&M	**ADMINISTRATIVE & GENERAL**	**Subtotal COMMUNITY RELATIONS**				**Yes**	**YES**	**NO**								**NO**
O&M	ADMINISTRATIVE & GENERAL	FINANCIAL & BUSINESS PLANNING	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding in Planrul	NO
O&M	**ADMINISTRATIVE & GENERAL**	**Subtotal FINANCIAL & BUSINESS PLANNING**				**Yes**	**YES**	**NO**								**NO**
O&M	ADMINISTRATIVE & GENERAL	FINANCIAL ACCOUNTING	Non-RAMP	Non-RAMP	Non-RAMP	No	NO									
O&M	**ADMINISTRATIVE & GENERAL**	**Subtotal FINANCIAL ACCOUNTING**				**Yes**	**NO**									
O&M	ADMINISTRATIVE & GENERAL	FINANCIAL PLANNING SYSTEMS	Non-RAMP	Non-RAMP	Non-RAMP	No	NO									
O&M	**ADMINISTRATIVE & GENERAL**	**Subtotal FINANCIAL PLANNING SYSTEMS**				**Yes**	**NO**									
O&M	ADMINISTRATIVE & GENERAL	GENERAL COUNSEL	Non-RAMP	Non-RAMP	Non-RAMP	No	NO									
O&M	**ADMINISTRATIVE & GENERAL**	**Subtotal GENERAL COUNSEL**				**Yes**	**NO**									
O&M	ADMINISTRATIVE & GENERAL	GRC & REVENUE REQUIREMENTS	Non-RAMP	Non-RAMP	Non-RAMP	No	NO									
O&M	**ADMINISTRATIVE & GENERAL**	**Subtotal GRC & REVENUE REQUIREMENTS**				Yes	NO									
O&M	ADMINISTRATIVE & GENERAL	GRC & REVENUE REQUIREMENTS - GRC ACCOUNTABILITY REPORTING	Non-RAMP	Non-RAMP	Non-RAMP	No	NO									
O&M	**ADMINISTRATIVE & GENERAL**	**Subtotal GRC & REVENUE REQUIREMENTS - GRC ACCOUNTABILITY REPORTING**				**Yes**	**NO**									
O&M	ADMINISTRATIVE & GENERAL	GRC & REVENUE REQUIREMENTS - GRC CASE MANAGEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	NO									
O&M	**ADMINISTRATIVE & GENERAL**	**Subtotal GRC & REVENUE REQUIREMENTS - GRC CASE MANAGEMENT**				**Yes**	**NO**									
O&M	ADMINISTRATIVE & GENERAL	POLICY & PROCEEDINGS - CASE MANAGEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	NO									
O&M	**ADMINISTRATIVE & GENERAL**	**Subtotal POLICY & PROCEEDINGS - CASE MANAGEMENT**				**Yes**	**NO**									
O&M	ADMINISTRATIVE & GENERAL	POLICY & PROCEEDINGS - TARIFFS AND COMPLIANCE AND STRATEGIC PLANNING	Non-RAMP	Non-RAMP	Non-RAMP	No	NO									
O&M	**ADMINISTRATIVE & GENERAL**	**Subtotal POLICY & PROCEEDINGS - TARIFFS AND COMPLIANCE AND STRATEGIC PLANNING**				**Yes**	**NO**									
O&M	ADMINISTRATIVE & GENERAL	REGULATORY POLICY & LEGISLATIVE ANALYSIS	Non-RAMP	Non-RAMP	Non-RAMP	No	NO									
O&M	**ADMINISTRATIVE & GENERAL**	**Subtotal REGULATORY POLICY & LEGISLATIVE ANALYSIS**				Yes	NO									
O&M	ADMINISTRATIVE & GENERAL	REGULATORY REPORTING AND REGULATORY ACCOUNTS	Non-RAMP	Non-RAMP	Non-RAMP	No	NO									
O&M	**ADMINISTRATIVE & GENERAL**	**Subtotal REGULATORY REPORTING AND REGULATORY ACCOUNTS**				**Yes**	**NO**									
O&M	ADMINISTRATIVE & GENERAL	SAN FRANCISCO OPERATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	NO									
O&M	**ADMINISTRATIVE & GENERAL**	**Subtotal SAN FRANCISCO OPERATIONS**				Yes	NO									
O&M	ADMINISTRATIVE & GENERAL	SVP - STATE GOVERNMENT AFFAIRS & CRO	Non-RAMP	Non-RAMP	Non-RAMP	No	NO									
O&M	**ADMINISTRATIVE & GENERAL**	**Subtotal SVP - STATE GOVERNMENT AFFAIRS & CRO**				**Yes**	**NO**									
O&M	ADMINISTRATIVE & GENERAL	VP - CONTROLLER & CAO	Non-RAMP	Non-RAMP	Non-RAMP	No	NO									
O&M	**ADMINISTRATIVE & GENERAL**	**Subtotal VP - CONTROLLER & CAO**				**Yes**	**NO**									
O&M	ADMINISTRATIVE & GENERAL	COMMUNITY RELATIONS NSS	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	YES	N/A	Variance is due to internal reorganization that redesigned roles and responsibilities and created different VP roles. FTE position and all costs were spread across the redesigned organizations.	Under (U)	Under (U)	Under (U)	Other	YES
O&M	**ADMINISTRATIVE & GENERAL**	**Subtotal COMMUNITY RELATIONS NSS**				**Yes**	**YES**	**NO**								**YES**

SDG&E ADMINISTRATIVE & GENERAL O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Status Variance Explanation	WP Activity Description	2024 GRC Testimony Location
O&M	ADMINISTRATIVE & GENERAL	ADMINISTRATIVE & GENERAL				Yes			
O&M	ADMINISTRATIVE & GENERAL	ACCOUNTING RESEARCH & BUSINESS CONTROLS	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	ADMINISTRATIVE & GENERAL	**Subtotal ACCOUNTING RESEARCH & BUSINESS CONTROLS**				Yes			
O&M	ADMINISTRATIVE & GENERAL	ACCOUNTS PAYABLE (AP)	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	ADMINISTRATIVE & GENERAL	**Subtotal ACCOUNTS PAYABLE (AP)**				Yes			
O&M	ADMINISTRATIVE & GENERAL	AFFILIATE BILLING & COSTING (ABC)	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	ADMINISTRATIVE & GENERAL	**Subtotal AFFILIATE BILLING & COSTING (ABC)**				Yes			
O&M	ADMINISTRATIVE & GENERAL	ASSET & PROJECT ACCOUNTING (A&PA) - PLANT ACCOUNTING AND FINANCIAL & RATEBASE SERVICES	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	ADMINISTRATIVE & GENERAL	**Subtotal ASSET & PROJECT ACCOUNTING (A&PA) - PLANT ACCOUNTING AND FINANCIAL & RATEBASE SERVICES**				Yes			
O&M	ADMINISTRATIVE & GENERAL	ASSISTANT CONTROLLER	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	ADMINISTRATIVE & GENERAL	**Subtotal ASSISTANT CONTROLLER**				Yes			
O&M	ADMINISTRATIVE & GENERAL	BILLABLE PROJECT ACCOUNTING & SUNDRY SERVICES (BPA & SS)	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	ADMINISTRATIVE & GENERAL	**Subtotal BILLABLE PROJECT ACCOUNTING & SUNDRY SERVICES (BPA & SS)**				Yes			
O&M	ADMINISTRATIVE & GENERAL	BUSINESS INNOVATIONS AND FINANCIAL SYSTEMS CLIENT SUPPORT	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	ADMINISTRATIVE & GENERAL	**Subtotal BUSINESS INNOVATIONS AND FINANCIAL SYSTEMS CLIENT SUPPORT**				Yes			
O&M	ADMINISTRATIVE & GENERAL	CLAIMS	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	ADMINISTRATIVE & GENERAL	**Subtotal CLAIMS**				Yes			
O&M	ADMINISTRATIVE & GENERAL	CLAIMS PAYMENTS AND RECOVERY COSTS	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	ADMINISTRATIVE & GENERAL	**Subtotal CLAIMS PAYMENTS AND RECOVERY COSTS**				Yes			
O&M	ADMINISTRATIVE & GENERAL	COMMUNITY RELATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
O&M	ADMINISTRATIVE & GENERAL	**Subtotal COMMUNITY RELATIONS**				Yes			
O&M	ADMINISTRATIVE & GENERAL	FINANCIAL & BUSINESS PLANNING	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
O&M	ADMINISTRATIVE & GENERAL	**Subtotal FINANCIAL & BUSINESS PLANNING**				Yes			
O&M	ADMINISTRATIVE & GENERAL	FINANCIAL ACCOUNTING	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	ADMINISTRATIVE & GENERAL	**Subtotal FINANCIAL ACCOUNTING**				Yes			
O&M	ADMINISTRATIVE & GENERAL	FINANCIAL PLANNING SYSTEMS	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	ADMINISTRATIVE & GENERAL	**Subtotal FINANCIAL PLANNING SYSTEMS**				Yes			
O&M	ADMINISTRATIVE & GENERAL	GENERAL COUNSEL	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	ADMINISTRATIVE & GENERAL	**Subtotal GENERAL COUNSEL**				Yes			
O&M	ADMINISTRATIVE & GENERAL	GRC & REVENUE REQUIREMENTS	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	ADMINISTRATIVE & GENERAL	**Subtotal GRC & REVENUE REQUIREMENTS**				Yes			
O&M	ADMINISTRATIVE & GENERAL	GRC & REVENUE REQUIREMENTS - GRC ACCOUNTABILITY REPORTING	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	ADMINISTRATIVE & GENERAL	**Subtotal GRC & REVENUE REQUIREMENTS - GRC ACCOUNTABILITY REPORTING**				Yes			
O&M	ADMINISTRATIVE & GENERAL	GRC & REVENUE REQUIREMENTS - GRC CASE MANAGEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	ADMINISTRATIVE & GENERAL	**Subtotal GRC & REVENUE REQUIREMENTS - GRC CASE MANAGEMENT**				Yes			
O&M	ADMINISTRATIVE & GENERAL	POLICY & PROCEEDINGS - CASE MANAGEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	ADMINISTRATIVE & GENERAL	**Subtotal POLICY & PROCEEDINGS - CASE MANAGEMENT**				Yes			
O&M	ADMINISTRATIVE & GENERAL	POLICY & PROCEEDINGS - TARIFFS AND COMPLIANCE AND STRATEGIC PLANNING	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	ADMINISTRATIVE & GENERAL	**Subtotal POLICY & PROCEEDINGS - TARIFFS AND COMPLIANCE AND STRATEGIC PLANNING**				Yes			
O&M	ADMINISTRATIVE & GENERAL	REGULATORY POLICY & LEGISLATIVE ANALYSIS	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	ADMINISTRATIVE & GENERAL	**Subtotal REGULATORY POLICY & LEGISLATIVE ANALYSIS**				Yes			
O&M	ADMINISTRATIVE & GENERAL	REGULATORY REPORTING AND REGULATORY ACCOUNTS	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	ADMINISTRATIVE & GENERAL	**Subtotal REGULATORY REPORTING AND REGULATORY ACCOUNTS**				Yes			
O&M	ADMINISTRATIVE & GENERAL	SAN FRANCISCO OPERATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	ADMINISTRATIVE & GENERAL	**Subtotal SAN FRANCISCO OPERATIONS**				Yes			
O&M	ADMINISTRATIVE & GENERAL	SVP - STATE GOVERNMENT AFFAIRS & CRO	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	ADMINISTRATIVE & GENERAL	**Subtotal SVP - STATE GOVERNMENT AFFAIRS & CRO**				Yes			
O&M	ADMINISTRATIVE & GENERAL	VP - CONTROLLER & CAO	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	ADMINISTRATIVE & GENERAL	**Subtotal VP - CONTROLLER & CAO**				Yes			
O&M	ADMINISTRATIVE & GENERAL	COMMUNITY RELATIONS NSS	Non-RAMP	Non-RAMP	Non-RAMP	No	Variance is due to internal reorganization that redesigned roles and responsibilities and created different VP roles, FTE (Full-Time Equivalent) position and all costs were spread across the redesigned organizations.	The Community Relations department is the primary liaison between SDG&E and nonprofit community-based organizations (CBOs), and local communities. The Community Relations department does dispersal outreach with these groups to facilitate the promotion of SDG&E's customer programs and services. The Community Relations department engages these organizations in Company programs, providing charitable support, and linking them with energy efficiency products and programs to save energy and money. In preparation of this testimony, the Company has removed costs for political, civic, and related activities, and other nonallowable expenses.	SDG&E-33-R-E R.A-67 to R.A-70 WP 1AGI 12.000
O&M	ADMINISTRATIVE & GENERAL	**Subtotal COMMUNITY RELATIONS NSS**				Yes			

SI&GE CORPORATE CENTER - GENERAL ADMINISTRATION O&M

Type	Winter Activity (Line of Business)	WP Activity Description (Expenditure Category)	HAMP Risk Cluster	HAMP Mitigation Activity	HAMP Tracker	Roll-up	Project Life (Years)	Project Year	Actual Cost 2014	Actual Cost 2015	Actual Cost 2016	Actual Cost 2017	Actual Cost to Date	Annual Authorized Cost 2014	Annual Authorized Cost 2015	Annual Authorized Cost 2016	Annual Authorized Cost 2017	Financial Authorized Cost to Date
O&M	CORPORATE CENTER - GENERAL ADMINISTRATION	CORPORATE CENTER - GENERAL ADMINISTRATION				Yes			28.54	-	-	-	28.54	30.64	31.64	31.64	31.64	30.64
O&M	CORPORATE CENTER - GENERAL ADMINISTRATION	SECC: DEPRECIATION EXPE - FIXT-4	Non-HAMP	Non-HAMP	Non-HAMP	No			2.443	-	-	-	2.443	3.745	3.745	3.745	3.745	3.745
O&M	**CORPORATE CENTER - GENERAL ADMINISTRATION**	**Sub-Total SECC: DEPRECIATION EXPE - FIXT-4**				**Yes**			**2.443**	**-**	**-**	**-**	**2.443**	**3.745**	**3.745**	**3.745**	**3.745**	**3.745**
O&M	CORPORATE CENTER - GENERAL ADMINISTRATION	SECC: OUTSIDE SERVICES EMPLOYED - 19.21.1	Non-HAMP	Non-HAMP	Non-HAMP	No	Ongoing	Annual	6.1491	-	-	-	61.491	55.791	57.472	59.196	60.972	55.791
O&M	CORPORATE CENTER - GENERAL ADMINISTRATION	SECC: OUTSIDE SERVICES EMPLOYED - 19.21.1	Physical Security	Planning, Awareness, Risk Management, and Incident Management	Planning, Awareness, Risk Management, and Incident Management	No	Ongoing	Annual	4.07	-	-	-	4.07	494	509	524	540	4.94
O&M	**CORPORATE CENTER - GENERAL ADMINISTRATION**	**Sub-Total SECC: OUTSIDE SERVICES EMPLOYED - 19.21.1**				**Yes**			**6.1539**	**-**	**-**	**-**	**62.388**	**56.285**	**57.981**	**59.720**	**61.512**	**56.282**

SHARE CORPORATE CENTER - GENERAL ADMINISTRATION O&M

Cycle	Winners Area (Line of Business)	WP Activity Description (Expenditure Category)	BASMP Risk Cluster	BASMP Risk Intervention Activity	BASMP Typology	Bold-ed	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost Inflation Difference 2024	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
O&M	CORPORATE CENTER - GENERAL ADMINISTRATION	CORPORATE CENTER - GENERAL ADMINISTRATION				Yes	9,147	59,982	81,274	114,144	0.0	0%	0%	0%	0%	0%
O&M	CORPORATE CENTER - GENERAL ADMINISTRATION	SECC: DEPRECIATION EXPE - FIXT-4	Non-BASMP	Non BASMP	Non-BASMP	No	0	(1,821)	(1,821)	(1,821)	0.0	0%	-100 %	-100 %	-100 %	0%
O&M	**CORPORATE CENTER - GENERAL ADMINISTRATION**	**Sub-Total SECC: DEPRECIATION EXPE - FIXT-4**				**Yes**	**0**	**(1,821)**	**(1,821)**	**(1,821)**	**0.0**	**0%**	**-100 %**	**-100 %**	**-100 %**	**0%**
O&M	CORPORATE CENTER - GENERAL ADMINISTRATION	SECC: OUTSIDE SERVICES EMPLOYED - FS 23.1	Non-BASMP	Non-BASMP	Non-BASMP	No	5,493	(37,472)	(59,196)	(80,972)	5,493.0	11%	-100 %	-100 %	-100 %	11%
O&M	CORPORATE CENTER - GENERAL ADMINISTRATION	SECC: OUTSIDE SERVICES EMPLOYED - FS 23.1	Physical Security	Planning, Awareness, Risk Management, and Incident Management	Planning, Awareness, Risk Management, and Incident Management	No	373	(9,918)	(7,241)	(7,948)	373.0	11%	-100 %	-100 %	-100 %	11%
O&M	**CORPORATE CENTER - GENERAL ADMINISTRATION**	**Sub-Total SECC: OUTSIDE SERVICES EMPLOYED - FS23.1**				**Yes**	**6,866**	**(47,390)**	**(66,437)**	**(88,920)**	**6,866.0**	**11%**	**-100 %**	**-100 %**	**-100 %**	**11%**

SIEGLE CORPORATE CENTER - GENERAL ADMINISTRATION O&M

Where Activity Occur (Line of Business)	WP Activity Description (Groups by Category)	RAMP Risk Cluster	RAMP Risk Scenario	RAMP Trigger	Roll-up	Unit of Measure (Each Year)	Actual Units 7/FY	Actual Units 18/FY	Actual Units 7/FY	Actual Units 18/FY	Annual Units to Date	Annual Authorized Units 7/FY	Annual Authorized Units 18/FY	Annual Authorized Units 7/FY	Annual Authorized Units 18/FY	Annual Authorized Units 7/FY	Annual Authorized Units to Date	Annual Units Difference 7/FY	Annual Units Difference 18/FY	Annual Units Difference 7/FY	Annual Units Difference 18/FY	Units to Date Difference	Annual Units Percent Variance 7/FY	Annual Units Percent Variance 18/FY	Annual Units Percent Variance 7/FY	Annual Units Percent Variance 18/FY	Annual Units Percent Variance 7/FY	Units to Date Percent Variance
Yr 1 to 5	CORPORATE CENTER - GENERAL ADMINISTRATION	CORPORATE CENTER - GENERAL ADMINISTRATION				Yes																							
Yr 6 to 10	CORPORATE CENTER - GENERAL ADMINISTRATION	SECC SUPPLEMENTATION SUB - FACI-4		Non RAMP		Non RAMP	No																						
O&M	CORPORATE CENTER - GENERAL ADMINISTRATION	**Sub Total SECC HOSPITALITY SUB - FACI-4**					Yes																						
Yr 6 to 10	CORPORATE CENTER - GENERAL ADMINISTRATION	SECC OUTSIDE SERVICES EMPLOYED - FY 21.1		Non RAMP		Non RAMP	No	The costs include allocations for overhead following Pompeii Energy Corporate Center (SECC) functions: finance including cash/bank fees, human resources, legal and external legal counsel, external affairs, facilities, and employee benefits. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																			
Yr 6 to 10	CORPORATE CENTER - GENERAL ADMINISTRATION	SECC OUTSIDE SERVICES EMPLOYED - FY 21.1		Physical Security		Planning, Awareness, Risk Management, and Incident Management	Planning, Awareness, Risk Management, and Incident Management	No	The costs include allocations related to security systems, use of applications, and training to enhance the safety of employees, contractors, vendors, SIEGLE facilities and all constituents, and the public. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																			
O&M	CORPORATE CENTER - GENERAL ADMINISTRATION	**Sub Total SECC OUTSIDE SERVICES EMPLOYED - FY21.1**					Yes																						

SI>G.E CORPORATE CE.NTE.R - GENE.RAL ADMINISTRATION O&M

FY Yea	Winner s Circ (Line of Business)	WP Activity Descript on (Expanded on Current A	HAMP Risk Classifica	HAMP Investment Activity	HAMP Tracker	Built on	WP Activ ity Bel ief (Yes / or Mission-ess)	Foundation Variance Fou ndation Board (F	Unit Variance Foundation Board (F	Cost Variance Foundation	Unit Variance Foundation	Forecast Status (Status)	Forecast Schedule Variance	Forecast Foundation Variance	Status	Status Variance Foundation Board (F
Y-Act	CORPORATE CEN TER - GENERAL ADMINISTRATION	CORPORA TE CEN TER - GENERAL ADMINISTRATION				Yes										
Y-Bdt	CORPORATE CENTER - GENERAL ADMINISTRA TION	SECC TE.CHNICIANTS (S.EE...F.XT.4	Non-HAMP	Non-HAMP	Non-HAMP	No	NO									
Y-E/M	**CORPORATE CEN TER - GENERAL ADMINISTRATION**	**Sub-Total SECC TECHNICIANTS (SEE...FXT.4**				Yes	**NO**									
Y-Act	CORPORATE CENTER - GENERAL ADMINISTRA TION	SECC OUTSIDE SERVICES EMPLO YED - FY21.1	Non-HAMP	Non-HAMP	Non-HAMP	No	YES	YES	NO	The variance in 2024 actuals is due to spending that was deferred or allocated to STDAS by Corporate Center for departmental systems, and incentive compensation.	NA	On Target (T)	On Target (T)	Over (O)	Proceeding as Planned	NO
Y-Bdt	CORPORATE CENTER - GENERAL ADMINISTRA TION	SECC OUTSIDE SERVICES EMPLO YED - FY21.1	Physical Secu rity	Planning, Awareness, Risk Management, and Incident Management	Planning, Awareness, Risk Management, and Incident Management	No	YES	NO	NO	N/A	NA	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Y-E/M	**CORPORATE CEN TER - GENERAL ADMINISTRATION**	**Sub-Total SECC OUTSIDE SERVICES EMPLOYED - FY21.1**				Yes	**YES**	**YES**								**NO**

SHARE CORPORATE CENTER - GENERAL ADMINISTRATION O&M

Type	Winter's Axis (Line of Business)	WP Activity Description (Rounded to Cent ers)	BAMP Risk Cluster	BAMP Mitigation Activity	BAMP Upgrade	Bulkable	Asset Value at Evaluation	WP Activity Threat Source	CMMC Domain Location
O&M	CORPORATE CENTER - GENERAL ADMINISTRATION	CORPORATE CENTER - GENERAL ADMINISTRATION				Yes			
O&M	CORPORATE CENTER - GENERAL ADMINISTRATION	HCCC - HUMAN RESOURCES - FY23 - 4	Non-BAMP	Non-BAMP	Non-BAMP	No			
O&M	**CORPORATE CENTER - GENERAL ADMINISTRATION**	**Sub-Total HCCC - HUMAN RESOURCES - FY23 - 4**				Yes			
O&M	CORPORATE CENTER - GENERAL ADMINISTRATION	HCCC - OUTSIDE SERVICES EMPLOYEES - FY23 - 1	Non-BAMP	Non-BAMP	Non-BAMP	No	N/A	Corporate Center allocated costs include computing services such as accounting, financing, and records management services, and legal affairs that Corporate Center provides to a SHARE Affiliate. Within each Corporate Center provided services, and allocated costs, additional staffing and operation and maintenance expenses would be required at SHARE.	SHARE-IT-POL EHC-1-ATH-74 WP - HUMR-001
O&M	CORPORATE CENTER - GENERAL ADMINISTRATION	HCCC - OUTSIDE SERVICES EMPLOYEES - FY23 - 1	Physical Security	Planning, Awareness, Risk Management, and Incident Management	Planning, Awareness, Risk Management, and Incident Management	No	N/A	Corporate Center allocated costs include computer hardware/software/data security training services provided to SHARE Affiliates in accordance with a strong physical security programmed, responding to security incidents. Without Corporate Center provided service as and if local services, additional staffing and operations and maintenance expenses would be required at SHARE.	SHARE-IT-POL EHC-1-ATH-CS WP - HUMR-001
O&M	**CORPORATE CENTER - GENERAL ADMINISTRATION**	**Sub-Total HCCC - OUTSIDE SERVICES EMPLOYEES - FY23 - 1**				Yes			

SDG&E CORPORATE CENTER - INSURANCE O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rolling	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date ($)
O&M	CORPORATE CENTER - INSURANCE	CORPORATE CENTER - INSURANCE				Yes			14,041	-	-	-	14,041	16,048	17,396	18,044	18,554	14,041
O&M	CORPORATE CENTER - INSURANCE	SECC PROPERTY INSURANCE NON-NUCLEAR - 924.0	Non-RAMP	Non-RAMP	Non-RAMP	No			12,526	-	-	-	12,526	16,048	17,396	17,897	18,424	16,048
O&M	**CORPORATE CENTER - INSURANCE**	**Sub Total SECC PROPERTY INSURANCE NON-NUCLEAR - 924.0**				Yes			**12,526**	-	-	-	**12,526**	**16,048**	**17,396**	**17,897**	**18,424**	**16,048**
O&M	CORPORATE CENTER - INSURANCE	SECC PROPERTY INSURANCE NUCLEAR - 924.1	Non-RAMP	Non-RAMP	Non-RAMP	No			-	-	-	-	-	18	18	18	18	18
O&M	**CORPORATE CENTER - INSURANCE**	**Sub Total SECC PROPERTY INSURANCE NUCLEAR - 924.1**				Yes			-	-	-	-	-	**18**	**18**	**18**	**18**	**18**
O&M	CORPORATE CENTER - INSURANCE	SECC SURETY BONDS - F935.6	Non-RAMP	Non-RAMP	Non-RAMP	No			96	-	-	-	96	107	110	113	116	107
O&M	**CORPORATE CENTER - INSURANCE**	**Sub Total SECC SURETY BONDS - F935.6**				Yes			**96**	-	-	-	**96**	**107**	**110**	**113**	**116**	**107**

SDG&E CORPORATE CENTER - INSURANCE O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference ($)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
O&M	CORPORATE CENTER - INSURANCE	CORPORATE CENTER - INSURANCE				Yes	(4,569)	(15,439)	(18,044)	(18,554)	(4,569)	-20%	-100%	-100%	-100%	-20%
O&M	CORPORATE CENTER - INSURANCE	SECC PROPERTY INSURANCE NON-NUCLEAR - 924.0	Non-RAMP	Non-RAMP	Non-RAMP	No	(4,334)	(17,346)	(17,897)	(18,424)	(4,334)	-20%	-100%	-100%	-100%	-20%
O&M	**CORPORATE CENTER - INSURANCE**	**Sub Total SECC PROPERTY INSURANCE NON-NUCLEAR - 924.0**				Yes	**(4,334)**	**(17,346)**	**(17,897)**	**(18,424)**	**(4,334)**	**-20%**	**-100%**	**-100%**	**-100%**	**-20%**
O&M	CORPORATE CENTER - INSURANCE	SECC PROPERTY INSURANCE NUCLEAR - 924.1	Non-RAMP	Non-RAMP	Non-RAMP	No	(14)	(14)	(14)	(14)	(14)	-100%	-100%	-100%	-100%	-100%
O&M	**CORPORATE CENTER - INSURANCE**	**Sub Total SECC PROPERTY INSURANCE NUCLEAR - 924.1**				Yes	**(14)**	**(14)**	**(14)**	**(14)**	**(14)**	**-100%**	**-100%**	**-100%**	**-100%**	**-100%**
O&M	CORPORATE CENTER - INSURANCE	SECC SURETY BONDS - F935.6	Non-RAMP	Non-RAMP	Non-RAMP	No	(11)	(110)	(113)	(116)	(11)	-11%	-100%	-100%	-100%	-11%
O&M	**CORPORATE CENTER - INSURANCE**	**Sub Total SECC SURETY BONDS - F935.6**				Yes	**(11)**	**(110)**	**(113)**	**(116)**	**(11)**	**-11%**	**-100%**	**-100%**	**-100%**	**-11%**

SDG&E CORPORATE CENTER - INSURANCE O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
O&M	**CORPORATE CENTER - INSURANCE**	**CORPORATE CENTER - INSURANCE**				Yes																					
O&M	CORPORATE CENTER - INSURANCE	SECC PROPERTY INSURANCE NON-NUCLEAR - 924.0	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	**CORPORATE CENTER - INSURANCE**	**Sub Total SECC PROPERTY INSURANCE NON-NUCLEAR - 924.0**				Yes																					
O&M	CORPORATE CENTER - INSURANCE	SECC PROPERTY INSURANCE NUCLEAR - 924.1	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	**CORPORATE CENTER - INSURANCE**	**Sub Total SECC PROPERTY INSURANCE NUCLEAR - 924.1**				Yes																					
O&M	CORPORATE CENTER - INSURANCE	SECC SURETY BONDS - F925.6	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	**CORPORATE CENTER - INSURANCE**	**Sub Total SECC SURETY BONDS - F925.6**				Yes																					

SDG&E CORPORATE CENTER - INSURANCE O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Safety, Reliability, or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status	Status Variance Explanation Required?
O&M	CORPORATE CENTER - INSURANCE	CORPORATE CENTER - INSURANCE				Yes										
O&M	CORPORATE CENTER - INSURANCE	SECC PROPERTY INSURANCE NON-NUCLEAR - 924.0	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	No	No							No
O&M	**CORPORATE CENTER - INSURANCE**	**Sub Total SECC PROPERTY INSURANCE NON-NUCLEAR - 924.0**				Yes	**NO**	No	No							No
O&M	CORPORATE CENTER - INSURANCE	SECC PROPERTY INSURANCE NUCLEAR - 924.1	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	No	No							No
O&M	**CORPORATE CENTER - INSURANCE**	**Sub Total SECC PROPERTY INSURANCE NUCLEAR - 924.1**				Yes	**NO**	No	No							No
O&M	CORPORATE CENTER - INSURANCE	SECC SURETY BONDS - F935.6	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	No	No							No
O&M	**CORPORATE CENTER - INSURANCE**	**Sub Total SECC SURETY BONDS - F935.6**				Yes	**NO**	No	No							No

SDG&E CORPORATE CENTER - INSURANCE O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Status Variance Explanation	WP Activity Description	2024 GRC Testimony Location
O&M	CORPORATE CENTER - INSURANCE	CORPORATE CENTER - INSURANCE				Yes			
O&M	CORPORATE CENTER - INSURANCE	SECC PROPERTY INSURANCE NON-NUCLEAR - 924.0	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	CORPORATE CENTER - INSURANCE	Sub Total SECC PROPERTY INSURANCE NON-NUCLEAR - 924.0				Yes			
O&M	CORPORATE CENTER - INSURANCE	SECC PROPERTY INSURANCE NUCLEAR - 924.1	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	CORPORATE CENTER - INSURANCE	Sub Total SECC PROPERTY INSURANCE NUCLEAR - 924.1				Yes			
O&M	CORPORATE CENTER - INSURANCE	SECC SURETY BONDS - F925.6	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	CORPORATE CENTER - INSURANCE	Sub Total SECC SURETY BONDS - F925.6				Yes			

SDG&E CORPORATE CENTER - COMPENSATION & BENEFITS O&M

Type	Witness Area (Line of Business)	WP Activity Description (Describes Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date (A)	Inputted Authorized Cost 2024 (B)	Inputted Authorized Cost 2025	Inputted Authorized Cost 2026	Inputted Authorized Cost 2027	Difference between Authorized Cost to Date (A) - (B)
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	CORPORATE CENTER - COMPENSATION & BENEFITS				No			2024				2024	2024	2025	2026	2027	
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	COMPENSATION - SPOT CASH (GRC USE ONLY)	NonRAMP	Non-RAMP	NonRAMP	No			1,476	--	--	--	1,476	1,706	1,797	1,810	1,864	1,706
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**Sub Total COMPENSATION - SPOT CASH (GRC USE ONLY)**				**Yes**			**1,476**	--	--	--	**1,476**	**1,706**	**1,797**	**1,810**	**1,864**	**1,706**
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	COMPENSATION - VARIABLE PAY (GRC USE ONLY)	NonRAMP	Non-RAMP	NonRAMP	No			105,010	--	--	--	105,010	34,701	35,742	36,814	37,918	34,701
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**Sub Total COMPENSATION - VARIABLE PAY (GRC USE ONLY)**				**Yes**			**105,010**	--	--	--	**105,010**	**34,701**	**35,742**	**36,814**	**37,918**	**34,701**
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	COMPENSATION-SPECIAL RECOGNITION AWARDS	NonRAMP	Non-RAMP	NonRAMP	No			505	--	--	--	505	592	610	418	431	592
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**Sub Total COMPENSATION-SPECIAL RECOGNITION AWARDS**				**Yes**			**505**	--	--	--	**505**	**304**	**486**	**418**	**431**	**304**
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	HEALTH BENEFITS - EMP ASSISTANCE PROGRAM	NonRAMP	Non-RAMP	NonRAMP	No	Ongoing	Annual	733	--	--	--	733	510	525	541	557	510
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**Sub Total HEALTH BENEFITS - EMP ASSISTANCE PROGRAM**				**Yes**			**733**	--	--	--	**733**	**510**	**525**	**541**	**557**	**510**
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	HEALTH BENEFITS - VISION	NonRAMP	Non-RAMP	NonRAMP	No			364	--	--	--	364	273	266	295	304	273
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**Sub Total HEALTH BENEFITS - VISION**				**Yes**			**364**	--	--	--	**364**	**273**	**266**	**295**	**304**	**273**
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	HEALTH BENEFITS-DENTAL	NonRAMP	Non-RAMP	NonRAMP	No			3,868	--	--	--	3,868	3,487	3,593	3,700	3,811	3,487
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**Sub Total HEALTH BENEFITS-DENTAL**				**Yes**			**3,868**	--	--	--	**3,868**	**3,487**	**3,593**	**3,700**	**3,811**	**3,487**
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	HEALTH BENEFITS-MEDICAL	NonRAMP	Non-RAMP	NonRAMP	No			62,538	--	--	--	62,538	57,503	56,331	61,103	62,934	57,503
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**Sub Total HEALTH BENEFITS-MEDICAL**				**Yes**			**62,538**	--	--	--	**62,538**	**57,503**	**56,331**	**61,103**	**62,934**	**57,503**
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	HEALTH BENEFITS-WELLNESS	NonRAMP	Non-RAMP	NonRAMP	No			778	--	--	--	778	1,211	1,198	1,296	1,335	1,211
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**Sub Total HEALTH BENEFITS-WELLNESS**				**Yes**			**778**	--	--	--	**778**	**1,211**	**1,198**	**1,296**	**1,335**	**1,211**
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	OTHER BENEFITS - BENEFIT ADMIN FEES	NonRAMP	Non-RAMP	NonRAMP	No			1,014	--	--	--	1,014	1,454	1,398	1,211	1,155	1,454
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**Sub Total OTHER BENEFITS - BENEFIT ADMIN FEES**				**Yes**			**1,088**	--	--	--	**1,088**	**1,496**	**1,080**	**1,211**	**1,155**	**1,496**
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	OTHER BENEFITS - EDUCATIONAL ASSISTANCE	NonRAMP	Non-RAMP	NonRAMP	No			664	--	--	--	664	773	795	819	844	773
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**Sub Total OTHER BENEFITS - EDUCATIONAL ASSISTANCE**				**Yes**			**664**	--	--	--	**664**	**773**	**795**	**819**	**844**	**773**
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	OTHER BENEFITS - EMERGENCY CARE	NonRAMP	Non-RAMP	NonRAMP	No			853	--	--	--	853	210	214	220	227	210
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**Sub Total OTHER BENEFITS - EMERGENCY CARE**				**Yes**			**853**	--	--	--	**853**	**210**	**214**	**220**	**227**	**210**
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	OTHER BENEFITS - MASS TRANSIT	NonRAMP	Non-RAMP	NonRAMP	No			24	--	--	--	24	128	132	136	140	128
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**Sub Total OTHER BENEFITS - MASS TRANSIT**				**Yes**			**25**	--	--	--	**25**	**128**	**132**	**136**	**140**	**128**
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	OTHER BENEFITS - RETIREMENT ACTIVITIES	NonRAMP	Non-RAMP	NonRAMP	No			69	--	--	--	69	87	90	93	96	87
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**Sub Total OTHER BENEFITS - RETIREMENT ACTIVITIES**				**Yes**			**69**	--	--	--	**69**	**87**	**90**	**93**	**96**	**87**
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	OTHER BENEFITS - SERVICE RECOGNITION	NonRAMP	Non-RAMP	NonRAMP	No			114	--	--	--	114	134	138	142	146	134
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**Sub Total OTHER BENEFITS - SERVICE RECOGNITION**				**Yes**			**114**	--	--	--	**114**	**134**	**138**	**142**	**146**	**134**
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	RETIREMENT BENEFITS - RETIREMENT SAVINGS PLAN	NonRAMP	Non-RAMP	NonRAMP	No			21,976	--	--	--	21,976	22,964	25,643	24,552	25,083	22,958
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**Sub Total RETIREMENT BENEFITS - RETIREMENT SAVINGS PLAN**				**Yes**			**21,976**	--	--	--	**21,976**	**22,964**	**25,643**	**24,552**	**25,083**	**22,958**
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	RETIREMENT BENEFITS - SUPPLEMENTAL PENSION	NonRAMP	Non-RAMP	NonRAMP	No			2,965	--	--	--	2,965	973	1,002	1,032	1,063	973
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**Sub Total RETIREMENT BENEFITS - SUPPLEMENTAL PENSION**				**Yes**			**2,965**	--	--	--	**2,965**	**973**	**1,002**	**1,032**	**1,063**	**973**
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	RETIREMENT BENEFITS-NO SAVINGS PLAN	NonRAMP	Non-RAMP	NonRAMP	No			261	--	--	--	261	155	120	113	117	155
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**Sub Total RETIREMENT BENEFITS-NO SAVINGS PLAN**				**Yes**			**261**	--	--	--	**261**	**155**	**120**	**113**	**117**	**155**
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	WELFARE BENEFITS - BUSINESS TRAVEL INS	NonRAMP	Non-RAMP	NonRAMP	No			48	--	--	--	48	27	28	29	30	27
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**Sub Total WELFARE BENEFITS - BUSINESS TRAVEL INS**				**Yes**			**48**	--	--	--	**48**	**27**	**28**	**29**	**30**	**27**
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	WELFARE BENEFITS-AD&D INSURANCE	NonRAMP	Non-RAMP	NonRAMP	No			172	--	--	--	172	156	140	144	148	156
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**Sub Total WELFARE BENEFITS-AD&D INSURANCE**				**Yes**			**172**	--	--	--	**172**	**156**	**140**	**144**	**148**	**156**
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	WELFARE BENEFITS-LIFE INSURANCE	NonRAMP	Non-RAMP	NonRAMP	No			554	--	--	--	554	567	584	601	620	567
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**Sub Total WELFARE BENEFITS-LIFE INSURANCE**				**Yes**			**554**	--	--	--	**554**	**567**	**584**	**601**	**620**	**567**

SDG&E CORPORATE CENTER - COMPENSATION & BENEFITS O&M

Type	Witness Area (Last of Business)	WP Activity Description (Secondary Cutcateg)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference (3)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	COMPENSATION & BENEFITS-COMPENSATION & BENEFITS					(1)	(1)	(1)	(1)	(1)	-2%	-100%	-100%	-100%	-2%
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	COMPENSATION - SPOT CASH (GRC USE ONLY)	NonRAMP	Non-RAMP	NonRAMP	No	(30)	(1,757)	(1,810)	(1,864)	(30)	-2%	-100%	-100%	-100%	-2%
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	SubTotal COMPENSATION - SPOT CASH (GRC USE ONLY)				Yes	(30)	(1,757)	(1,810)	(1,864)	(30)	-2%	-100%	-100%	-100%	-2%
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	COMPENSATION - VARIABLE PAY (GRC USE ONLY)	NonRAMP	Non-RAMP	NonRAMP	No	70,329	(35,742)	(36,814)	(37,918)	70,329	203%	-100%	-100%	-100%	203%
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	SubTotal COMPENSATION - VARIABLE PAY (GRC USE ONLY)				Yes	70,329	(35,742)	(36,814)	(37,918)	70,329	203%	-100%	-100%	-100%	203%
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	COMPENSATION-SPECIAL RECOGNITION AWARDS	NonRAMP	Non-RAMP	NonRAMP	No	111	(406)	(418)	(431)	111	28%	-100%	-100%	-100%	28%
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	SubTotal COMPENSATION-SPECIAL RECOGNITION AWARDS				Yes	111	(406)	(418)	(431)	111	28%	-100%	-100%	-100%	28%
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	HEALTH BENEFITS - EMP ASSISTANCE PROGRAM	NonRAMP	Non-RAMP	NonRAMP	No	233	(525)	(541)	(557)	233	44%	-100%	-100%	-100%	44%
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	SubTotal HEALTH BENEFITS - EMP ASSISTANCE PROGRAM				Yes	233	(525)	(541)	(557)	233	44%	-100%	-100%	-100%	44%
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	HEALTH BENEFITS - VISION	NonRAMP	Non-RAMP	NonRAMP	No	(16)	(286)	(295)	(304)	(16)	-5%	-100%	-100%	-100%	-5%
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	SubTotal HEALTH BENEFITS - VISION				Yes	(16)	(286)	(295)	(304)	(16)	-5%	-100%	-100%	-100%	-5%
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	HEALTH BENEFITS-DENTAL	NonRAMP	Non-RAMP	NonRAMP	No	(127)	(3,952)	(3,700)	(3,811)	(127)	-4%	-100%	-100%	-100%	-4%
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	SubTotal HEALTH BENEFITS-DENTAL				Yes	(127)	(3,952)	(3,700)	(3,811)	(127)	-4%	-100%	-100%	-100%	-4%
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	HEALTH BENEFITS-MEDICAL	NonRAMP	Non-RAMP	NonRAMP	No	4,935	(59,211)	(61,101)	(62,934)	4,935	9%	-100%	-100%	-100%	9%
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	SubTotal HEALTH BENEFITS-MEDICAL				Yes	4,935	(59,211)	(61,101)	(62,934)	4,935	9%	-100%	-100%	-100%	9%
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	HEALTH BENEFITS-WELLNESS	NonRAMP	Non-RAMP	NonRAMP	No	(440)	(1,258)	(1,296)	(1,335)	(443)	-36%	-100%	-100%	-100%	-36%
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	SubTotal HEALTH BENEFITS-WELLNESS				Yes	(440)	(1,258)	(1,296)	(1,335)	(443)	-36%	-100%	-100%	-100%	-36%
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	OTHER BENEFITS - BENEFIT ADMIN FEES	NonRAMP	Non-RAMP	NonRAMP	No	(8)	(1,098)	(1,131)	(1,155)	(10)	-2%	-100%	-100%	-100%	-2%
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	SubTotal OTHER BENEFITS - BENEFIT ADMIN FEES				Yes	(8)	(1,098)	(1,131)	(1,155)	(10)	-2%	-100%	-100%	-100%	-2%
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	OTHER BENEFITS - EDUCATIONAL ASSISTANCE	NonRAMP	Non-RAMP	NonRAMP	No	(108)	(795)	(819)	(844)	(108)	-14%	-100%	-100%	-100%	-14%
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	SubTotal OTHER BENEFITS - EDUCATIONAL ASSISTANCE				Yes	(108)	(795)	(819)	(844)	(108)	-14%	-100%	-100%	-100%	-14%
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	OTHER BENEFITS - EMERGENCY CARE	NonRAMP	Non-RAMP	NonRAMP	No	(8)	(214)	(220)	(227)	(53)	-26%	-100%	-100%	-100%	-26%
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	SubTotal OTHER BENEFITS - EMERGENCY CARE				Yes	(8)	(214)	(220)	(227)	(53)	-26%	-100%	-100%	-100%	-26%
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	OTHER BENEFITS - MASS TRANSIT	NonRAMP	Non-RAMP	NonRAMP	No	(168)	(132)	(136)	(140)	(103)	-81%	-100%	-100%	-100%	-81%
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	SubTotal OTHER BENEFITS - MASS TRANSIT				Yes	(168)	(132)	(136)	(140)	(103)	-81%	-100%	-100%	-100%	-81%
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	OTHER BENEFITS - RETIREMENT ACTIVITIES	NonRAMP	Non-RAMP	NonRAMP	No	(30)	(90)	(93)	(96)	(30)	-43%	-100%	-100%	-100%	-43%
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	SubTotal OTHER BENEFITS - RETIREMENT ACTIVITIES				Yes	(30)	(90)	(93)	(96)	(30)	-43%	-100%	-100%	-100%	-43%
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	OTHER BENEFITS - SERVICE RECOGNITION	NonRAMP	Non-RAMP	NonRAMP	No	(20)	(138)	(142)	(146)	(20)	-15%	-100%	-100%	-100%	-15%
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	SubTotal OTHER BENEFITS - SERVICE RECOGNITION				Yes	(20)	(138)	(142)	(146)	(20)	-15%	-100%	-100%	-100%	-15%
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	RETIREMENT BENEFITS - RETIREMENT SAVINGS PLAN	NonRAMP	Non-RAMP	NonRAMP	No	(1,178)	(25,643)	(26,557)	(25,053)	(1,178)	-6%	-100%	-100%	-100%	-6%
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	SubTotal RETIREMENT BENEFITS - RETIREMENT SAVINGS PLAN				Yes	(1,178)	(25,643)	(26,557)	(25,053)	(1,178)	-6%	-100%	-100%	-100%	-6%
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	RETIREMENT BENEFITS - SUPPLEMENTAL PENSION	NonRAMP	Non-RAMP	NonRAMP	No	1,992	(1,032)	(1,063)	(1,063)	1,992	205%	-100%	-100%	-100%	205%
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	SubTotal RETIREMENT BENEFITS - SUPPLEMENTAL PENSION				Yes	1,992	(1,032)	(1,063)	(1,063)	1,992	205%	-100%	-100%	-100%	205%
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	RETIREMENT BENEFITS-NO SAVINGS PLAN	NonRAMP	Non-RAMP	NonRAMP	No	136	(129)	(133)	(137)	136	101%	-100%	-100%	-100%	101%
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	SubTotal RETIREMENT BENEFITS-NO SAVINGS PLAN				Yes	136	(129)	(133)	(137)	136	101%	-100%	-100%	-100%	101%
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	WELFARE BENEFITS - BUSINESS TRAVEL INS	NonRAMP	Non-RAMP	NonRAMP	No	21	(28)	(29)	(30)	21	77%	-100%	-100%	-100%	77%
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	SubTotal WELFARE BENEFITS - BUSINESS TRAVEL INS				Yes	21	(28)	(29)	(30)	21	77%	-100%	-100%	-100%	77%
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	WELFARE BENEFITS-ADD INSURANCE	NonRAMP	Non-RAMP	NonRAMP	No	(6)	(140)	(144)	(148)	(9)	-7%	-100%	-100%	-100%	-7%
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	SubTotal WELFARE BENEFITS-ADD INSURANCE				Yes	(6)	(140)	(144)	(148)	(9)	-7%	-100%	-100%	-100%	-7%
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	WELFARE BENEFITS-LIFE INSURANCE	NonRAMP	Non-RAMP	NonRAMP	No	(581)	(598)	(600)	(620)	(243)	-6%	-100%	-100%	-100%	-6%
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	SubTotal WELFARE BENEFITS-LIFE INSURANCE				Yes	(581)	(598)	(600)	(620)	(243)	-6%	-100%	-100%	-100%	-6%

SDG&E CORPORATE CENTER - COMPENSATION & BENEFITS O&M

Type	Witness Area (Line of Business)	WP Activity Description (Secondary Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	CORPORATE CENTER - COMPENSATION & BENEFITS				No																					
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	COMPENSATION - SPOT CASH (GRC USE ONLY)	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal COMPENSATION - SPOT CASH (GRC USE ONLY)**				**Yes**																					
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	COMPENSATION - VARIABLE PAY (GRC USE ONLY)	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal COMPENSATION - VARIABLE PAY (GRC USE ONLY)**				**Yes**																					
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	COMPENSATION-SPECIAL RECOGNITION AWARDS	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal COMPENSATION-SPECIAL RECOGNITION AWARDS**				**Yes**																					
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	HEALTH BENEFITS - EMP ASSISTANCE PROGRAM	Non-RAMP	Non-RAMP	Non-RAMP	No	Headcount	4,888				4,888	5,388				5,388	(500)	0	0	0	(500)	(10.0%)	0%	0 %	0%	(10.0%)
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal HEALTH BENEFITS - EMP ASSISTANCE PROGRAM**				**Yes**																					
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	HEALTH BENEFITS - VISION	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal HEALTH BENEFITS - VISION**				**Yes**																					
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	HEALTH BENEFITS-DENTAL	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal HEALTH BENEFITS-DENTAL**				**Yes**																					
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	HEALTH BENEFITS-MEDICAL	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal HEALTH BENEFITS-MEDICAL**				**Yes**																					
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	HEALTH BENEFITS-WELLNESS	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal HEALTH BENEFITS-WELLNESS**				**Yes**																					
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	OTHER BENEFITS - BENEFIT ADMIN FEES	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal OTHER BENEFITS - BENEFIT ADMIN FEES**				**Yes**																					
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	OTHER BENEFITS - RELOCATION ASSISTANCE	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal OTHER BENEFITS - RELOCATION ASSISTANCE**				**Yes**																					
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	OTHER BENEFITS - EMERGENCY CARE	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal OTHER BENEFITS - EMERGENCY CARE**				**Yes**																					
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	OTHER BENEFITS - MASS TRANSIT	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal OTHER BENEFITS - MASS TRANSIT**				**Yes**																					
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	OTHER BENEFITS - RETIREMENT ACTIVITIES	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal OTHER BENEFITS - RETIREMENT ACTIVITIES**				**Yes**																					
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	OTHER BENEFITS - SERVICE RECOGNITION	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal OTHER BENEFITS - SERVICE RECOGNITION**				**Yes**																					
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	RETIREMENT BENEFITS - RETIREMENT SAVINGS PLAN	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal RETIREMENT BENEFITS - RETIREMENT SAVINGS PLAN**				**Yes**																					
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	RETIREMENT BENEFITS - SUPPLEMENTAL PENSION	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal RETIREMENT BENEFITS - SUPPLEMENTAL PENSION**				**Yes**																					
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	RETIREMENT BENEFITS-NO SAVINGS PLAN	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal RETIREMENT BENEFITS-NO SAVINGS PLAN**				**Yes**																					
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	WELFARE BENEFITS - BUSINESS TRAVEL INS	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal WELFARE BENEFITS - BUSINESS TRAVEL INS**				**Yes**																					
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	WELFARE BENEFITS-ADD INSURANCE	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal WELFARE BENEFITS-ADD INSURANCE**				**Yes**																					
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	WELFARE BENEFITS-LIFE INSURANCE	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal WELFARE BENEFITS-LIFE INSURANCE**				**Yes**																					

SDG&E CORPORATE CENTER - COMPENSATION & BENEFITS O&M

Type	Witness Area (Line of Business)	WP Activity Description (Newt/Base/Carryover)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Safety, Reliability, or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status	Status Variance Explanation Required?
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	CORPORATE CENTER - COMPENSATION & BENEFITS				No										
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	COMPENSATION - SPOT CASH (GRC USE ONLY)	Non-RAMP	Non-RAMP	Non-RAMP	Yes	NO									
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal COMPENSATION - SPOT CASH (GRC USE ONLY)**				**Yes**	**NO**									
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	COMPENSATION - VARIABLE PAY (GRC USE ONLY)	Non-RAMP	Non-RAMP	Non-RAMP	Yes	NO									
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal COMPENSATION - VARIABLE PAY (GRC USE ONLY)**				**Yes**	**NO**									
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	COMPENSATION-SPECIAL RECOGNITION AWARDS	Non-RAMP	Non-RAMP	Non-RAMP	Yes	NO									
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal COMPENSATION-SPECIAL RECOGNITION AWARDS**				**Yes**	**NO**									
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	HEALTH BENEFITS - EMP ASSISTANCE PROGRAM	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	Over (O)	Proceeding as Planned	NO
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal HEALTH BENEFITS - EMP ASSISTANCE PROGRAM**				**Yes**	**YES**	**NO**								**NO**
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	HEALTH BENEFITS - VISION	Non-RAMP	Non-RAMP	Non-RAMP	Yes	NO									
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal HEALTH BENEFITS - VISION**				**Yes**	**NO**									
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	HEALTH BENEFITS-DENTAL	Non-RAMP	Non-RAMP	Non-RAMP	Yes	NO									
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal HEALTH BENEFITS-DENTAL**				**Yes**	**NO**									
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	HEALTH BENEFITS-MEDICAL	Non-RAMP	Non-RAMP	Non-RAMP	Yes	NO									
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal HEALTH BENEFITS-MEDICAL**				**Yes**	**NO**									
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	HEALTH BENEFITS-WELLNESS	Non-RAMP	Non-RAMP	Non-RAMP	Yes	NO									
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal HEALTH BENEFITS-WELLNESS**				**Yes**	**NO**									
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	OTHER BENEFITS - BENEFIT ADMIN FEES	Non-RAMP	Non-RAMP	Non-RAMP	Yes	NO									
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal OTHER BENEFITS - BENEFIT ADMIN FEES**				**Yes**	**NO**									
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	OTHER BENEFITS - EDUCATIONAL ASSISTANCE	Non-RAMP	Non-RAMP	Non-RAMP	Yes	NO									
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal OTHER BENEFITS - EDUCATIONAL ASSISTANCE**				**Yes**	**NO**									
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	OTHER BENEFITS - EMERGENCY CARE	Non-RAMP	Non-RAMP	Non-RAMP	Yes	NO									
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal OTHER BENEFITS - EMERGENCY CARE**				**Yes**	**NO**									
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	OTHER BENEFITS - MASS TRANSIT	Non-RAMP	Non-RAMP	Non-RAMP	Yes	NO									
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal OTHER BENEFITS - MASS TRANSIT**				**Yes**	**NO**									
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	OTHER BENEFITS - RETIREMENT ACTIVITIES	Non-RAMP	Non-RAMP	Non-RAMP	Yes	NO									
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal OTHER BENEFITS - RETIREMENT ACTIVITIES**				**Yes**	**NO**									
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	OTHER BENEFITS - SERVICE RECOGNITION	Non-RAMP	Non-RAMP	Non-RAMP	Yes	NO									
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal OTHER BENEFITS - SERVICE RECOGNITION**				**Yes**	**NO**									
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	RETIREMENT BENEFITS - RETIREMENT SAVINGS PLAN	Non-RAMP	Non-RAMP	Non-RAMP	Yes	NO									
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal RETIREMENT BENEFITS - RETIREMENT SAVINGS PLAN**				**Yes**	**NO**									
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	RETIREMENT BENEFITS - SUPPLEMENTAL PENSION	Non-RAMP	Non-RAMP	Non-RAMP	Yes	NO									
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal RETIREMENT BENEFITS - SUPPLEMENTAL PENSION**				**Yes**	**NO**									
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	RETIREMENT BENEFITS-NO SAVINGS PLAN	Non-RAMP	Non-RAMP	Non-RAMP	Yes	NO									
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal RETIREMENT BENEFITS-NO SAVINGS PLAN**				**Yes**	**NO**									
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	WELFARE BENEFITS - BUSINESS TRAVEL INS	Non-RAMP	Non-RAMP	Non-RAMP	Yes	NO									
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal WELFARE BENEFITS - BUSINESS TRAVEL INS**				**Yes**	**NO**									
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	WELFARE BENEFITS-ADD D/S&B INSURANCE	Non-RAMP	Non-RAMP	Non-RAMP	Yes	NO									
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal WELFARE BENEFITS-ADD D/S INSURANCE**				**Yes**	**NO**									
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	WELFARE BENEFITS-LIFE INSURANCE	Non-RAMP	Non-RAMP	Non-RAMP	Yes	NO									
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal WELFARE BENEFITS-LIFE INSURANCE**				**Yes**	**NO**									

SDG&E CORPORATE CENTER - COMPENSATION & BENEFITS O&M

Type	Witness Area (Line of Business)	WP Activity Description (Describes Category)	RAMP Risk Cluster	RAMP Mitigation Activity	RAMP Tranche	Rollup	Status Variance Explanation	WP Activity Description	2024 GRC Testimony Location
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	CORPORATE CENTER - COMPENSATION & BENEFITS				Yes			
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	COMPENSATION - SPOT CASH (GRC USE ONLY)	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal COMPENSATION - SPOT CASH (GRC USE ONLY)**				**Yes**			
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	COMPENSATION - VARIABLE PAY (GRC USE ONLY)	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal COMPENSATION - VARIABLE PAY (GRC USE ONLY)**				**Yes**			
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	COMPENSATION-SPECIAL RECOGNITION AWARDS	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal COMPENSATION-SPECIAL RECOGNITION AWARDS**				**Yes**			
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	HEALTH BENEFITS - EMP ASSISTANCE PROGRAM	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal HEALTH BENEFITS - EMP ASSISTANCE PROGRAM**				**Yes**			
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	HEALTH BENEFITS - VISION	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal HEALTH BENEFITS - VISION**				**Yes**			
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	HEALTH BENEFITS-DENTAL	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal HEALTH BENEFITS-DENTAL**				**Yes**			
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	HEALTH BENEFITS-MEDICAL	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal HEALTH BENEFITS-MEDICAL**				**Yes**			
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	HEALTH BENEFITS-WELLNESS	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal HEALTH BENEFITS-WELLNESS**				**Yes**			
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	OTHER BENEFITS - BENEFIT ADMIN FEES	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal OTHER BENEFITS - BENEFIT ADMIN FEES**				**Yes**			
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	OTHER BENEFITS - EDUCATIONAL ASSISTANCE	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal OTHER BENEFITS - EDUCATIONAL ASSISTANCE**				**Yes**			
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	OTHER BENEFITS - EMERGENCY CARE	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal OTHER BENEFITS - EMERGENCY CARE**				**Yes**			
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	OTHER BENEFITS - MASS TRANSIT	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal OTHER BENEFITS - MASS TRANSIT**				**Yes**			
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	OTHER BENEFITS - RETIREMENT ACTIVITIES	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal OTHER BENEFITS - RETIREMENT ACTIVITIES**				**Yes**			
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	OTHER BENEFITS - SERVICE RECOGNITION	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal OTHER BENEFITS - SERVICE RECOGNITION**				**Yes**			
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	RETIREMENT BENEFITS - RETIREMENT SAVINGS PLAN	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal RETIREMENT BENEFITS - RETIREMENT SAVINGS PLAN**				**Yes**			
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	RETIREMENT BENEFITS - SUPPLEMENTAL PENSION	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal RETIREMENT BENEFITS - SUPPLEMENTAL PENSION**				**Yes**			
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	RETIREMENT BENEFITS-NQ SAVINGS PLAN	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal RETIREMENT BENEFITS-NQ SAVINGS PLAN**				**Yes**			
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	WELFARE BENEFITS - BUSINESS TRAVEL INS	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal WELFARE BENEFITS - BUSINESS TRAVEL INS**				**Yes**			
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	WELFARE BENEFITS-ADD D/INSURANCE	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal WELFARE BENEFITS-ADD D/INSURANCE**				**Yes**			
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	WELFARE BENEFITS-LIFE INSURANCE	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal WELFARE BENEFITS-LIFE INSURANCE**				**Yes**			

SDG&E SAFETY, RISK & ASSET MANAGEMENT SYSTEMS O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date ($)
O&M	SAFETY, RISK & ASSET MANAGEMENT SYSTEMS	SAFETY, RISK & ASSET MANAGEMENT SYSTEMS				Yes			13,311	—	—	—	13,311	16,376	19,215	17,572	18,827	16,376
O&M	SAFETY MANAGEMENT SYSTEMS	ASSET MANAGEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	0	—	—	—	0	23	24	25	26	23
O&M	SAFETY MANAGEMENT SYSTEMS	ASSET MANAGEMENT	Asset Management	AIM (Gov, Strat, AIP)	N/A	No	On-going	Annual	422	—	—	—	422	720	741	765	796	720
O&M	SAFETY MANAGEMENT SYSTEMS	ASSET MANAGEMENT	Asset Management	Asset DataSyst & Rec Mgt (Data Integration)	N/A	No	On-going	Annual	194	—	—	—	194	169	174	179	184	169
O&M	SAFETY MANAGEMENT SYSTEMS	ASSET MANAGEMENT	Asset Management	Asset Data Syst & Rec Mgt (Gov, Quality, Rsc Mgt)	N/A	No	On-going	Annual	63	—	—	—	63	—	—	—	—	—
O&M	**SAFETY MANAGEMENT SYSTEMS**	**SubTotal: ASSET MANAGEMENT**				**Yes**			**678**	**—**	**—**	**—**	**678**	**912**	**939**	**967**	**996**	**912**
O&M	SAFETY MANAGEMENT SYSTEMS	BUSINESS TECHNOLOGY SOLUTIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	2,217	—	—	—	2,217	2,705	2,786	2,870	2,956	2,705
O&M	**SAFETY MANAGEMENT SYSTEMS**	**SubTotal BUSINESS TECHNOLOGY SOLUTIONS**				**Yes**			**2,217**	**—**	**—**	**—**	**2,217**	**2,705**	**2,786**	**2,870**	**2,956**	**2,705**
O&M	SAFETY MANAGEMENT SYSTEMS	ENERGY RISK MANAGEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No			1,711	—	—	—	1,711	1,668	1,718	1,770	1,823	1,668
O&M	**SAFETY MANAGEMENT SYSTEMS**	**SubTotal ENERGY RISK MANAGEMENT**				**Yes**			**1,711**	**—**	**—**	**—**	**1,711**	**1,668**	**1,718**	**1,770**	**1,823**	**1,668**
O&M	SAFETY MANAGEMENT SYSTEMS	ENTERPRISE RISK MANAGEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	3,265	—	—	—	3,265	4,570	4,707	4,849	4,994	4,570
O&M	SAFETY MANAGEMENT SYSTEMS	ENTERPRISE RISK MANAGEMENT	Asset Management	AIMDAT (Data Analytics)	N/A	No	On-going	Annual	159	—	—	—	159	207	213	219	226	207
O&M	**SAFETY MANAGEMENT SYSTEMS**	**SubTotal ENTERPRISE RISK MANAGEMENT**				**Yes**			**3,424**	**—**	**—**	**—**	**3,424**	**4,777**	**4,920**	**5,068**	**5,220**	**4,777**
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	706	—	—	—	706	1,197	1,234	1,272	1,311	1,197
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY	Incident Involving a Contractor	Contractor Oversight Program	Overall	No	On-going	Annual	1,044	—	—	—	1,044	1,206	1,242	1,279	1,317	1,206
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY	Incident Involving an Employee	Break/rest trailers with filtered air systems	Non-Vehicle incident	No	On-going	Annual	(0)	—	—	—	(0)	170	175	180	185	170
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY	Incident Involving an Employee	Designee support to update & convert safety training	N/A	No	On-going	Annual	(0)	—	—	—	(0)	32	33	34	35	32
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY	Incident Involving an Employee	Employee Wildfire Smoke Protection Cal/OSHA emergency regulation	N/A	No	On-going	Annual	21	—	—	—	21	18	19	20	21	18
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY	Incident Involving an Employee	Enhanced Mandatory Employee Training (OSHA) Certified Occupational Safety Specialist, Certified Utility Safety Professional, Certified Safety Professional	Overall	No	On-going	Annual	8	—	—	—	8	7	7	7	7	7
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY	Incident Involving an Employee	Mandatory Employee Health and Safety Training Programs and Standardized Policies	Overall	No	On-going	Annual	744	—	—	—	744	628	646	665	685	628
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY	Incident Involving an Employee	Respiratory protection for wildfire smoke particulates	Overall	No			—	—	—	—	—	2	2	2	2	2
O&M	**SAFETY MANAGEMENT SYSTEMS**	**SubTotal SAFETY**				**Yes**			**2,524**	**—**	**—**	**—**	**2,524**	**3,260**	**3,358**	**3,459**	**3,563**	**3,260**
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY MANAGEMENT SYSTEM	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	132	—	—	—	132	165	170	175	179	165
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY MANAGEMENT SYSTEM	Safety Management System	Development and Implementation of a Strong Management of Change Platform	N/A	No	On-going	Annual	—	—	—	—	—	85	88	91	94	85
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY MANAGEMENT SYSTEM	Safety Management System	Development and Implementation of an Enterprise-Wide SMS	N/A	No	On-going	Annual	605	—	—	—	605	926	953	982	1,011	926
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY MANAGEMENT SYSTEM	Safety Management System	Enhanced Documentation and Recordkeeping Practices	N/A	No	On-going	Annual	—	—	—	—	—	28	29	30	31	28
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY MANAGEMENT SYSTEM	Safety Management System	Enhanced Employee and Stakeholder Engagement, including SMS Competence, Awareness, Survey and Training	N/A	No	On-going	Annual	—	—	—	—	—	28	29	30	31	28
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY MANAGEMENT SYSTEM	Safety Management System	Enhanced Stakeholder Feedback and Key Performance Indicator Monitoring, Tracking, and Reporting	N/A	No	On-going	Annual	—	—	—	—	—	57	59	61	63	57
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY MANAGEMENT SYSTEM	Safety Management System	Integration of New Technology and Enhanced Data and Analytics Capabilities for Continuous Safety Improvement	N/A	No	On-going	Annual	—	—	—	—	—	240	247	253	261	240
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY MANAGEMENT SYSTEM	Safety Management System	SMS Program Benchmarking, Measurement, and Maturity Assessment for Continuous Improvement	N/A	No	On-going	Annual	—	—	—	—	—	57	59	61	63	57
O&M	**SAFETY MANAGEMENT SYSTEMS**	**SubTotal SAFETY MANAGEMENT SYSTEM**				**Yes**			**736**	**—**	**—**	**—**	**736**	**1,586**	**1,634**	**1,683**	**1,733**	**1,586**
O&M	SAFETY MANAGEMENT SYSTEMS	SDG&E FIELD SAFETY	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	1,088	—	—	—	1,088	1,021	1,051	1,082	1,115	1,021
O&M	SAFETY MANAGEMENT SYSTEMS	SDG&E FIELD SAFETY	Incident Involving an Employee	Safe Driving Programs	Vehicle Incident	No	On-going	Annual	24	—	—	—	24	101	104	107	110	101
O&M	SAFETY MANAGEMENT SYSTEMS	SDG&E FIELD SAFETY	Incident Involving an Employee	Strong Safety Culture	N/A	No	On-going	Annual	369	—	—	—	369	252	260	268	276	252
O&M	**SAFETY MANAGEMENT SYSTEMS**	**SubTotal SDG&E FIELD SAFETY**				**Yes**			**1,481**	**—**	**—**	**—**	**1,481**	**1,374**	**1,415**	**1,457**	**1,501**	**1,374**
O&M	SAFETY MANAGEMENT SYSTEMS	VP- RISK MGMT & CHF COMPL OFCR	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	527	—	—	—	527	471	485	500	515	471
O&M	**SAFETY MANAGEMENT SYSTEMS**	**SubTotal VP- RISK MGMT & CHF COMPL OFCR**				**Yes**			**527**	**—**	**—**	**—**	**527**	**471**	**485**	**500**	**515**	**471**

SDG&E SAFETY, RISK & ASSET MANAGEMENT SYSTEMS O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Ratings	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference ($)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
O&M	SAFETY, RISK & ASSET MANAGEMENT SYSTEMS	SAFETY, RISK & ASSET MANAGEMENT SYSTEMS				Yes	(5,685)	(12,257)	(17,774)	(18,367)	(54,083)	-2.1%	-100%	-100%	-100%	-21%
O&M	SAFETY MANAGEMENT SYSTEMS	ASSET MANAGEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	(23)	(24)	(25)	(26)	(23)	-100%	-100%	-100%	-100%	-100%
O&M	SAFETY MANAGEMENT SYSTEMS	ASSET MANAGEMENT	Asset Management	AIM (Gov, Strat, AIP)	N/A	No	(290)	(741)	(763)	(786)	(298)	-41%	-100%	-100%	-100%	-41%
O&M	SAFETY MANAGEMENT SYSTEMS	ASSET MANAGEMENT	Asset Management	Asset Data Syst & Rec Mgt (Data Integration)	N/A	No	25	(174)	(179)	(184)	25	15%	-100%	-100%	-100%	15%
O&M	SAFETY MANAGEMENT SYSTEMS	ASSET MANAGEMENT	Asset Management	Asset Data Syst & Rec Mgt (Gov, Quality, Rec Mgt)	N/A	No	63				63	100%	%	%	%	100%
O&M	**SAFETY MANAGEMENT SYSTEMS**	**SubTotal: ASSET MANAGEMENT**				**Yes**	**(234)**	**(939)**	**(967)**	**(996)**	**(234)**	**-2.6%**	**-100%**	**-100%**	**-100%**	**-26%**
O&M	SAFETY MANAGEMENT SYSTEMS	BUSINESS TECHNOLOGY SOLUTIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	(488)	(2,786)	(2,870)	(2,956)	(488)	-18%	-100%	-100%	-100%	-18%
O&M	**SAFETY MANAGEMENT SYSTEMS**	**SubTotal BUSINESS TECHNOLOGY SOLUTIONS**				**Yes**	**(488)**	**(2,786)**	**(2,870)**	**(2,956)**	**(488)**	**-1.8%**	**-100%**	**-100%**	**-100%**	**-18%**
O&M	SAFETY MANAGEMENT SYSTEMS	ENERGY RISK MANAGEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	63	(1,710)	(1,761)	(1,823)	63	4%	-100%	-100%	-100%	4%
O&M	**SAFETY MANAGEMENT SYSTEMS**	**SubTotal ENERGY RISK MANAGEMENT**				**Yes**	**63**	**(1,710)**	**(1,761)**	**(1,823)**	**63**	**4%**	**-100%**	**-100%**	**-100%**	**4%**
O&M	SAFETY MANAGEMENT SYSTEMS	ENTERPRISE RISK MANAGEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	(1,305)	(4,707)	(4,489)	(4,994)	(1,305)	-29%	-100%	-100%	-100%	-29%
O&M	SAFETY MANAGEMENT SYSTEMS	ENTERPRISE RISK MANAGEMENT	Asset Management	AIMDAT (Data Analytics)	N/A	No	(48)	(213)	(219)	(226)	(48)	-23%	-100%	-100%	-100%	-23%
O&M	**SAFETY MANAGEMENT SYSTEMS**	**SubTotal ENTERPRISE RISK MANAGEMENT**				**Yes**	**(1,353)**	**(4,920)**	**(5,068)**	**(5,220)**	**(1,353)**	**-28%**	**-100%**	**-100%**	**-100%**	**-28%**
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY	Non-RAMP	Non-RAMP	Non-RAMP	No	(491)	(1,236)	(1, 272)	(1,311)	(491)	-41%	-100%	-100%	-100%	-41%
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY	Incident Involving a Contractor	Contractor Oversight Program	Overall	No	(162)	(1,242)	(1,279)	(1,317)	(162)	-13%	-100%	-100%	-100%	-13%
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY	Incident Involving an Employee	Break/rest trailers with filtered air systems	Non-Vehicle incident	No	(170)	(175)	(180)	(185)	(170)	-100%	-100%	-100%	-100%	-100%
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY	Incident Involving an Employee	Designee support to update & convert safety training	N/A	No	(32)	(33)	(34)	(35)	(32)	-100%	-100%	-100%	-100%	-100%
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY	Incident Involving an Employee	Employee Wildfire Smoke Protection Cal/OSHA emergency regulation	N/A	No	3	(19)	(20)	(21)	3	19%	-100%	-100%	-100%	19%
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY	Incident Involving an Employee	Enhanced Mandatory Employee Training (OSHA) Certified Occupational Safety Specialist, Certified Utility Safety Professional, Certified Safety Professional	Overall	No	1	(7)	(7)	(7)	1	15%	-100%	-100%	-100%	15%
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY	Incident Involving an Employee	Mandatory Employee Health and Safety Training Programs and Standardized Policies	Overall	No	116	(646)	(665)	(685)	116	18%	-100%	-100%	-100%	18%
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY	Incident Involving an Employee	Respiratory protection for wildfire smoke particulates	Overall	No	(2)	(2)	(2)	(2)	(2)	-100%	-100%	-100%	-100%	-100%
O&M	**SAFETY MANAGEMENT SYSTEMS**	**SubTotal SAFETY**				**Yes**	**(736)**	**(2,398)**	**(3,459)**	**(3,563)**	**(736)**	**-2.3%**	**-100%**	**-100%**	**-100%**	**-23%**
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY MANAGEMENT SYSTEM	Non-RAMP	Non-RAMP	Non-RAMP	No	(33)	(170)	(175)	(179)	(33)	-20%	-100%	-100%	-100%	-20%
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY MANAGEMENT SYSTEM	Safety Management System	Development and Implementation of a Strong Management of Change Platform	N/A	No	(85)	(88)	(91)	(94)	(85)	-100%	-100%	-100%	-100%	-100%
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY MANAGEMENT SYSTEM	Safety Management System	Development and Implementation of an Enterprise-Wide SMS	N/A	No	(321)	(955)	(982)	(1,011)	(321)	-35%	-100%	-100%	-100%	-35%
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY MANAGEMENT SYSTEM	Safety Management System	Enhanced Documentation and Recordkeeping Practices	N/A	No	(28)	(29)	(30)	(31)	(28)	-100%	-100%	-100%	-100%	-100%
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY MANAGEMENT SYSTEM	Safety Management System	Enhanced Employee and Stakeholder Engagement, including SMS Competence, Awareness, Survey and Training	N/A	No	(28)	(29)	(30)	(31)	(28)	-100%	-100%	-100%	-100%	-100%
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY MANAGEMENT SYSTEM	Safety Management System	Enhanced Stakeholder Feedback and Key Performance Indicator Monitoring, Tracking, and Reporting	N/A	No	(57)	(59)	(61)	(63)	(57)	-100%	-100%	-100%	-100%	-100%
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY MANAGEMENT SYSTEM	Safety Management System	Integration of New Technology and Enhanced Data and Analytics Capabilities for Continuous Safety Improvement	N/A	No	(240)	(247)	(253)	(261)	(240)	-100%	-100%	-100%	-100%	-100%
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY MANAGEMENT SYSTEM	Safety Management System	SMS Program Benchmarking, Measurement, and Maturity Assessment for Continuous Improvement	N/A	No	(57)	(59)	(61)	(63)	(57)	-100%	-100%	-100%	-100%	-100%
O&M	**SAFETY MANAGEMENT SYSTEMS**	**SubTotal SAFETY MANAGEMENT SYSTEM**				**Yes**	**(850)**	**(1,636)**	**(1,682)**	**(1,733)**	**(850)**	**-5.4%**	**-100%**	**-100%**	**-100%**	**-54%**
O&M	SAFETY MANAGEMENT SYSTEMS	SDG&E FIELD SAFETY	Non-RAMP	Non-RAMP	Non-RAMP	No	67	(1,051)	(1,082)	(1,115)	67	7%	-100%	-100%	-100%	7%
O&M	SAFETY MANAGEMENT SYSTEMS	SDG&E FIELD SAFETY	Incident Involving an Employee	Safe Driving Programs	Vehicle Incident	No	(77)	(106)	(107)	(110)	(77)	-76%	-100%	-100%	-100%	-76%
O&M	SAFETY MANAGEMENT SYSTEMS	SDG&E FIELD SAFETY	Incident Involving an Employee	Strong Safety Culture	N/A	No	117	(200)	(200)	(276)	117	46%	-100%	-100%	-100%	46%
O&M	**SAFETY MANAGEMENT SYSTEMS**	**SubTotal SDG&E FIELD SAFETY**				**Yes**	**107**	**(1,418)**	**(1,457)**	**(1,501)**	**107**	**8%**	**-100%**	**-100%**	**-100%**	**8%**
O&M	SAFETY MANAGEMENT SYSTEMS	VP- RISK MGMT & CHF COMPL OFCR	Non-RAMP	Non-RAMP	Non-RAMP	No	56	(405)	(500)	(515)	56	12%	-100%	-100%	-100%	12%
O&M	**SAFETY MANAGEMENT SYSTEMS**	**SubTotal VP- RISK MGMT & CHF COMPL OFCR**				**Yes**	**56**	**(405)**	**(500)**	**(515)**	**56**	**12%**	**-100%**	**-100%**	**-100%**	**12%**

SDG&E SAFETY, RISK & ASSET MANAGEMENT SYSTEMS O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP-Transfer	Rollup	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
O&M	SAFETY, RISK & ASSET MANAGEMENT SYSTEMS	SAFETY, RISK & ASSET MANAGEMENT SYSTEMS				Yes																					
O&M	SAFETY MANAGEMENT SYSTEMS	ASSET MANAGEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	This activity area consists of work to further develop and implement asset data aggregation, integration, and asset health models for an expanded scope of assets within Gas, Smart Meter, Facilities, Information Technology, and emerging lines of business. The development of base data repositories supports the overall objectives of the broader Asset Integrity Management (AIM) program. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																
O&M	SAFETY MANAGEMENT SYSTEMS	ASSET MANAGEMENT	Asset Management	AIM (Gov, Strat, AIP)	N/A	No	This activity area consists of work to further develop and implement asset data aggregation, integration, and asset health models for an expanded scope of assets within Gas, Smart Meter, Facilities, Information Technology, and emerging lines of business. The development of base data repositories supports the overall objectives of the broader Asset Integrity Management (AIM) program. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																
O&M	SAFETY MANAGEMENT SYSTEMS	ASSET MANAGEMENT	Asset Management	Asset Data Syst & Rec Mgt (Data Integration)	N/A	No	This activity area consists of objectives to continue alignment and integration of asset information across various functional areas to enable data-driven, risk-informed initiatives , supporting capital investment priorities, and advance asset data intelligence, integration, and analytics . The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																
O&M	SAFETY MANAGEMENT SYSTEMS	ASSET MANAGEMENT	Asset Management	Asset Data Syst & Rec Mgt (Gov, Quality, Rec Mgt)	N/A	No	This activity area consists of cloud computing costs and it is infeasible to identify a single unit of measurement.																				
O&M	**SAFETY MANAGEMENT SYSTEMS**	**SubTotal ASSET MANAGEMENT**				**Yes**																					
O&M	SAFETY MANAGEMENT SYSTEMS	BUSINESS TECHNOLOGY SOLUTIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	FTE	8				8	11				11	(3)	0	0	0	(3)	(28)%	0 %	0 %	0 %	(28)%
O&M	**SAFETY MANAGEMENT SYSTEMS**	**SubTotal BUSINESS TECHNOLOGY SOLUTIONS**				**Yes**																					
O&M	SAFETY MANAGEMENT SYSTEMS	ENERGY RISK MANAGEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	**SAFETY MANAGEMENT SYSTEMS**	**SubTotal ENERGY RISK MANAGEMENT**				**Yes**																					
O&M	SAFETY MANAGEMENT SYSTEMS	ENTERPRISE RISK MANAGEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	FTE	25				25	26				26	(1)	0	0	0	(1)	(4)%	0 %	0 %	0 %	(4)%
O&M	SAFETY MANAGEMENT SYSTEMS	ENTERPRISE RISK MANAGEMENT	Asset Management	AIM DATA (Data Analytics)	N/A	No	This activity area consists of predictive machine learning models and asset health. Risk scores will continue to be developed for additional electric system assets and will be used to prioritize maintenance and replacement activities to stay informed on situations that might lead to potential outages or failures. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																
O&M	**SAFETY MANAGEMENT SYSTEMS**	**SubTotal ENTERPRISE RISK MANAGEMENT**				**Yes**																					
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY	Non-RAMP	Non-RAMP	Non-RAMP	No	FTE	3				3	3				3	0	0	0	0	–	0 %	0 %	0 %	0 %	0 %
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY	Incident Involving a Contractor	Contractor Oversight Program	Overall	No	FTE	6				6	9				9	(3)	0	0	0	(3)	(33)%	0 %	0 %	0 %	(33)%
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY	Incident Involving an Employee	Break/rest trailers with filtered air systems	Non-Vehicle incident	No	Staging area trailers	—				—	15				15	(15)	0	0	0	(15)	(100)%	0 %	0 %	0 %	(100)%
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY	Incident Involving an Employee	Designee support to update & convert safety training	N/A	No	Contractor FTE	—				—	1				1	(1)	0	0	0	(1)	(100)%	0 %	0 %	0 %	(100)%
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY	Incident Involving an Employee	Employee Wildfire Smoke Protection Cal/OSHA emergency regulation	N/A	No	Employees requiring medical evaluation	600				600	650				650	(50)	0	0	0	(50)	(8)%	0 %	0 %	0 %	(8)%
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY	Incident Involving an Employee	Enhanced Mandatory Employee Training (OSHA) Certified Occupational Safety Specialist, Certified Utility Safety Professional, Certified Safety Professional	Overall	No	Employees trained	25				25	30				30	(5)	0	0	0	(5)	(17)%	0 %	0 %	0 %	(17)%
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY	Incident Involving an Employee	Mandatory Employee Health and Safety Training Programs and Standardized Policies	Overall	No	FTE	4				4	4				4	(0)	0	0	0	(0)	(0)%	0 %	0 %	0 %	(0)%
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY	Incident Involving an Employee	Respiratory protection for wildfire smoke particulates	Overall	No	Replacement filters purchased	—				—	0				—	0	0	0	0	–	0 %	0 %	0 %	0 %	0 %
O&M	**SAFETY MANAGEMENT SYSTEMS**	**SubTotal SAFETY**				**Yes**																					
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY MANAGEMENT SYSTEM	Non-RAMP	Non-RAMP	Non-RAMP	No	FTE	1				1	1				1	0	0	0	0	–	0 %	0 %	0 %	0 %	0 %
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY MANAGEMENT SYSTEM	Safety Management System	Development and Implementation of a Strong Management of Change Platform	N/A	No	This activity consists of a standardized Management of Change (MOC) process to reduce the possibility of introducing additional risk, or inadvertently increasing the risk, to public or employee health and safety, the environment, or the community as the result of a change. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY MANAGEMENT SYSTEM	Safety Management System	Development and Implementation of an Enterprise-Wide SMS	N/A	No	FTE	3				3	3.9				4	(1)	0	0	0	(1)	(23)%	0 %	0 %	0 %	(23)%
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY MANAGEMENT SYSTEM	Safety Management System	Enhanced Documentation and Recordkeeping Practices	N/A	No	This activity area consists of technology software upgrades to aid in enhanced documentation and recordkeeping practices to align document and recordkeeping processes to coordinate cross-functional access to support the SMS. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY MANAGEMENT SYSTEM	Safety Management System	Enhanced Employee and Stakeholder Engagement, including SMS Competence, Awareness, Survey and Training	N/A	No	This activity area consists of plans to develop and deliver SMS-specific training and create ways to measure and track such competencies . The creation of an employee engagement and training program is necessary to achieve full understanding and cultural adoption of SMS within broader safety focus on all safety pillars: People Safety, Risk Identification & Management, Asset Safety, Gas & Electric Operations, and Emergency Preparedness/Incident Response. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY MANAGEMENT SYSTEM	Safety Management System	Enhanced Stakeholder Feedback and Key Performance Indicator Monitoring, Tracking, and Reporting	N/A	No	This activity area consists of process es for considering qualitative (e.g., subject matter expert feedback) and quantitative (e.g., KPIs and quality control results) to perform data analysis for trends and emergent issues to identify and mitigate new risks and to improve the SMS. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY MANAGEMENT SYSTEM	Safety Management System	Integration of New Technology and Enhanced Data and Analytics Capabilities for Continuous Safety Improvement	N/A	No	This activity area consists of integrating new technology to enhance worker and/or system safety (e.g., data and analytic tools and communication tools) to measure the effectiveness of the SMS. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY MANAGEMENT SYSTEM	Safety Management System	SMS Program Benchmarking, Measurement, and Maturity Assessment for Continuous Improvement	N/A	No	This activity area consists of applying multiple layers of safety assurances to improve performance and effective risk management. These safety assurances , coupled with regular review, assessment, and audit, help evaluate quality and completeness of programs and confirm that risk management process are systematic and disciplined. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																
O&M	**SAFETY MANAGEMENT SYSTEMS**	**SubTotal SAFETY MANAGEMENT SYSTEM**				**Yes**																					
O&M	SAFETY MANAGEMENT SYSTEMS	SDG&E FIELD SAFETY	Non-RAMP	Non-RAMP	Non-RAMP	No	FTE	7				7	7				7	(0)	0	0	0	(0)	(4)%	0 %	0 %	0 %	(4)%
O&M	SAFETY MANAGEMENT SYSTEMS	SDG&E FIELD SAFETY	Incident Involving an Employee	Safe Driving Programs	Vehicle Incident	No	Employees in safe driving programs	2,200				2,200	2,200				2,200	0	0	0	0	–	0 %	0 %	0 %	0 %	0 %
O&M	SAFETY MANAGEMENT SYSTEMS	SDG&E FIELD SAFETY	Incident Involving an Employee	Strong Safety Culture	N/A	No	Safety Events	2				2	2				2	0	0	0	0	–	0 %	0 %	0 %	0 %	0 %
O&M	**SAFETY MANAGEMENT SYSTEMS**	**SubTotal SDG&E FIELD SAFETY**				**Yes**																					
O&M	SAFETY MANAGEMENT SYSTEMS	VP- RISK MGMT & CHF COMPL OFCR	Non-RAMP	Non-RAMP	Non-RAMP	No	FTE	2				2	2				2	0	0	0	0	–	0 %	0 %	0 %	0 %	0 %
O&M	**SAFETY MANAGEMENT SYSTEMS**	**SubTotal VP- RISK MGMT & CHF COMPL OFCR**				**Yes**																					

SDG&E SAFETY, RISK & ASSET MANAGEMENT SYSTEMS O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Safety, Reliability, or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status	Status Variance Explanation Required?
O&M	SAFETY, RISK & ASSET MANAGEMENT SYSTEMS	SAFETY, RISK & ASSET MANAGEMENT SYSTEMS				Yes										
O&M	SAFETY MANAGEMENT SYSTEMS	ASSET MANAGEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	Under (U)	Under (U)	Under (U)	Other	YES
O&M	SAFETY MANAGEMENT SYSTEMS	ASSET MANAGEMENT	Asset Management	AIM (Gov, Strat, AIP)	N/A	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	SAFETY MANAGEMENT SYSTEMS	ASSET MANAGEMENT	Asset Management	Asset Data Syst & Rec Mgt (Data Integration)	N/A	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	SAFETY MANAGEMENT SYSTEMS	ASSET MANAGEMENT	Asset Management	Asset Data Syst & Rec Mgt (Gov, Quality, Rec Mgt)	N/A	No	YES	NO	NO	N/A	N/A	Over (O)	Over (O)	Over (O)	Other	NO
O&M	**SAFETY MANAGEMENT SYSTEMS**	**SubTotal: ASSET MANAGEMENT**				**Yes**	**YES**	**NO**								**NO**
O&M	SAFETY MANAGEMENT SYSTEMS	BUSINESS TECHNOLOGY SOLUTIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	YES	N/A	The variance in FTEs is primarily driven by lower than forecasted staffing levels.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**SAFETY MANAGEMENT SYSTEMS**	**SubTotal: BUSINESS TECHNOLOGY SOLUTIONS**				**Yes**	**YES**	**NO**								**NO**
O&M	SAFETY MANAGEMENT SYSTEMS	ENERGY RISK MANAGEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**SAFETY MANAGEMENT SYSTEMS**	**SubTotal: ENERGY RISK MANAGEMENT**				**Yes**	**NO**									
O&M	SAFETY MANAGEMENT SYSTEMS	ENTERPRISE RISK MANAGEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	SAFETY MANAGEMENT SYSTEMS	ENTERPRISE RISK MANAGEMENT	Asset Management	AIMDAT (Data Analytics)	N/A	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**SAFETY MANAGEMENT SYSTEMS**	**SubTotal: ENTERPRISE RISK MANAGEMENT**				**Yes**	**YES**	**NO**								**NO**
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY	Incident Involving a Contractor	Contractor Oversight Program	Overall	No	YES	NO	YES	N/A	The variance in FTEs is primarily driven by lower than forecasted staffing levels.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY	Incident Involving an Employee	Break/rest trailers with filtered air systems	Non-Vehicle incident	No	YES	NO	YES	N/A	Break/rest trailers were not needed as air quality thresholds were not exceeded during wildfire support operations in SDG&E's service territory in 2024.	Under (U)	Under (U)	Under (U)	Other	YES
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY	Incident Involving an Employee	Designee support to update & convert safety training	N/A	No	YES	NO	YES	N/A	Designee cross-functional support leveraged. Safety training conversion was performed, but re-cost included within this cost center.	Under (U)	Under (U)	Under (U)	Other	YES
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY	Incident Involving an Employee	Employee Wildfire Smoke Protection Cal/OSHA emergency regulation	N/A	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY	Incident Involving an Employee	Enhanced Mandatory Employee Training (OSHA) Certified Occupational Safety Specialist, Certified Utility Safety Professional, Certified Safety Professional	Overall	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY	Incident Involving an Employee	Mandatory Employee Health and Safety Training Programs and Standardized Policies	Overall	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY	Incident Involving an Employee	Respiratory protection for wildfire smoke particulates	Overall	No	YES	NO	NO	N/A	N/A	Under (U)	Under (U)	Under (U)	Other	YES
O&M	**SAFETY MANAGEMENT SYSTEMS**	**SubTotal: SAFETY**				**Yes**	**YES**	**NO**								**NO**
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY MANAGEMENT SYSTEM	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY MANAGEMENT SYSTEM	Safety Management System	Development and Implementation of a Strong Management of Change Platform	N/A	No	YES	NO	NO	N/A	N/A	Under (U)	Under (U)	Under (U)	Other	YES
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY MANAGEMENT SYSTEM	Safety Management System	Development and Implementation of an Enterprise-Wide SMS	N/A	No	YES	NO	YES	N/A	The variance is primarily due to lower than forecasted staffing levels.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY MANAGEMENT SYSTEM	Safety Management System	Enhanced Documentation and Recordkeeping Practices	N/A	No	YES	NO	NO	N/A	N/A	Under (U)	Under (U)	Under (U)	Other	YES
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY MANAGEMENT SYSTEM	Safety Management System	Enhanced Employee and Stakeholder Engagement, including SMS Competence, Awareness, Survey and Training	N/A	No	YES	NO	NO	N/A	N/A	Under (U)	Under (U)	Under (U)	Other	YES
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY MANAGEMENT SYSTEM	Safety Management System	Enhanced Stakeholder Feedback and Key Performance Indicator Monitoring, Tracking, and Reporting	N/A	No	YES	NO	NO	N/A	N/A	Under (U)	Under (U)	Under (U)	Other	YES
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY MANAGEMENT SYSTEM	Safety Management System	Integration of New Technology and Enhanced Data and Analytics Capabilities for Continuous Safety Improvement	N/A	No	YES	NO	NO	N/A	N/A	Under (U)	Under (U)	Under (U)	Other	YES
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY MANAGEMENT SYSTEM	Safety Management System	SMS Program Benchmarking, Measurement, and Maturity Assessment for Continuous Improvement	N/A	No	YES	NO	NO	N/A	N/A	Under (U)	Under (U)	Under (U)	Other	YES
O&M	**SAFETY MANAGEMENT SYSTEMS**	**SubTotal: SAFETY MANAGEMENT SYSTEM**				**Yes**	**YES**	**NO**								**NO**
O&M	SAFETY MANAGEMENT SYSTEMS	SDG&E FIELD SAFETY	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	SAFETY MANAGEMENT SYSTEMS	SDG&E FIELD SAFETY	Incident Involving an Employee	Safe Driving Programs	Vehicle Incident	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	SAFETY MANAGEMENT SYSTEMS	SDG&E FIELD SAFETY	Incident Involving an Employee	Strong Safety Culture	N/A	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**SAFETY MANAGEMENT SYSTEMS**	**SubTotal: SDG&E FIELD SAFETY**				**Yes**	**YES**	**NO**								**NO**
O&M	SAFETY MANAGEMENT SYSTEMS	VP- RISK MGMT & CHF COMPL OFCR	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**SAFETY MANAGEMENT SYSTEMS**	**SubTotal: VP- RISK MGMT & CHF COMPL OFCR**				**Yes**	**YES**	**NO**								**NO**

SDG&E SAFETY, RISK & ASSET MANAGEMENT SYSTEMS O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Status Variance Explanation	WP Activity Description	2024 GRC Testimony Location
O&M	SAFETY, RISK & ASSET MANAGEMENT SYSTEMS	SAFETY, RISK & ASSET MANAGEMENT SYSTEMS				Yes			
O&M	SAFETY MANAGEMENT SYSTEMS	ASSET MANAGEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	SDG&E believes that this component of the Asset Management Framework should have been coupled with the broader Asset Management activities below. SDG&E does not anticipate having a "non-RAMP" component of Asset Management in this General Rate Case cycle.		
O&M	SAFETY MANAGEMENT SYSTEMS	ASSET MANAGEMENT	Asset Management	AIM (Gov, Strat, AIP)	N/A	No	N/A		
O&M	SAFETY MANAGEMENT SYSTEMS	ASSET MANAGEMENT	Asset Management	Asset Data Syst & Rec Mgt (Data Integration)	N/A	No	N/A		
O&M	SAFETY MANAGEMENT SYSTEMS	ASSET MANAGEMENT	Asset Management	Asset Data Syst & Rec Mgt (Gov, Quality, Rec Mgt)	N/A	No	N/A		
O&M	**SAFETY MANAGEMENT SYSTEMS**	**SubTotal: ASSET MANAGEMENT**				**Yes**			
O&M	SAFETY MANAGEMENT SYSTEMS	BUSINESS TECHNOLOGY SOLUTIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A	The Business Technology Services group provides support for: Construction Planning and Design, Telecommunications Asset Management (TAMS), Pole Loading, Document Management, Vendor Billing, GIS Mobile Desktop/Web/Portal Application Design and Support, Project Coordination Support, Project Management, and Computer Hardware and Software Support. This includes providing functional support for systems, requirements development, change management planning, facilitation of business domain testing, application and data development and design, coordination of software or application release testing, post implementation storm support, training, advancements in overall IT innovation, optimization of hardware and software utilization, and stakeholder and business unit engagement.	SDG&E-31-R-E KID-39 to KID-73 1SM004000
O&M	**SAFETY MANAGEMENT SYSTEMS**	**SubTotal: BUSINESS TECHNOLOGY SOLUTIONS**				**Yes**			
O&M	SAFETY MANAGEMENT SYSTEMS	ENERGY RISK MANAGEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**SAFETY MANAGEMENT SYSTEMS**	**SubTotal: ENERGY RISK MANAGEMENT**				**Yes**			
O&M	SAFETY MANAGEMENT SYSTEMS	ENTERPRISE RISK MANAGEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
O&M	SAFETY MANAGEMENT SYSTEMS	ENTERPRISE RISK MANAGEMENT	Asset Management	AIMDAT (Data Analytics)	N/A	No	N/A		
O&M	**SAFETY MANAGEMENT SYSTEMS**	**SubTotal: ENTERPRISE RISK MANAGEMENT**				**Yes**			
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY	Incident Involving a Contractor	Contractor Oversight Program	Overall	No	N/A	Safety Compliance is primarily responsible for compliance with safety regulations and establishing and managing programs, policies and guidelines to promote the safety of SDG&E employees.	SDG&E-31-R-E KID-36 to KID-42 1SM002001
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY	Incident Involving an Employee	Break/rest trailers with filtered air systems	Non-Vehicle incident	No	Break/rest trailers were not needed as no wildfire occurred in SDG&E's service territory in 2020.	Safety Compliance is primarily responsible for compliance with safety regulations and establishing and managing programs, policies and guidelines to promote the safety of SDG&E employees.	SDG&E-31-R-E KID-36 to KID-42 1SM002001
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY	Incident Involving an Employee	Designee support to update & convert safety training	N/A	No	Designee cross-functional support leveraged. Safety training conversion was performed but no cost included within this cost center.	Safety Compliance is primarily responsible for compliance with safety regulations and establishing and managing programs, policies and guidelines to promote the safety of SDG&E employees.	SDG&E-31-R-E KID-36 to KID-42 1SM002001
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY	Incident Involving an Employee	Employee Wildfire Smoke Protection Cal/OSHA emergency regulation	N/A	No	N/A		
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY	Incident Involving an Employee	Enhanced Mandatory Employee Training (OSHA) Certified Occupational Safety Specialist, Certified Utility Safety Professional, Certified Safety Professional	Overall	No	N/A		
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY	Incident Involving an Employee	Mandatory Employee Health and Safety Training Programs and Standardized Policies	Overall	No	N/A		
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY	Incident Involving an Employee	Respiratory protection for wildfire smoke particulates	Overall	No	This cost was absorbed by individual business units as employees obtain replacement filters directly from the storerooms and costs are billed to their cost centers.	Safety Compliance is primarily responsible for compliance with safety regulations and establishing and managing programs, policies and guidelines to promote the safety of SDG&E employees.	SDG&E-31-R-E KID-36 to KID-42 1SM002001
O&M	**SAFETY MANAGEMENT SYSTEMS**	**SubTotal: SAFETY**				**Yes**			
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY MANAGEMENT SYSTEM	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY MANAGEMENT SYSTEM	Safety Management System	Development and Implementation of a Strong Management of Change Platform	N/A	No	During 2024, SDG&E assessed internal development of a single safety application to include a Management of Change platform in lieu of a separate, standalone application. Assessments are ongoing. In the interim, SDG&E is leveraging SoCalGas' Management of Change platform to capture and track identified changes.		
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY MANAGEMENT SYSTEM	Safety Management System	Development and Implementation of an Enterprise-Wide SMS	N/A	No	N/A	SDG&E has developed and is operating within a Safety Management System (SMS) framework to improve its safety performance and culture with a structured, systematic, aligned approach to risk and safety. The SMS takes a process-based approach to build risk, safety, and asset management into all programs, projects and activities. SDG&E is currently implementing its developed SMS process and will continue to measure and evaluate program effectiveness for continuous safety improvement.	SDG&E-31-R-E KID-23 to KID-32 1SM001000
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY MANAGEMENT SYSTEM	Safety Management System	Enhanced Documentation and Recordkeeping Practices	N/A	No	Within its Safety Management System, SDG&E applies enhanced documentation and recordkeeping practices. SDG&E's SMS documentation was developed in 2020 – 2022. Per SDG&E's policy review cycle, SDG&E's SMS documentation will undergo review and update starting in 2025.		
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY MANAGEMENT SYSTEM	Safety Management System	Enhanced Employee and Stakeholder Engagement, including SMS Competence, Awareness, Survey and Training	N/A	No	Within its Safety Management System, SDG&E seeks enhanced internal and external stakeholder feedback, survey and training. In 2024, these efforts did not incur costs that were separately tracked. As SDG&E seeks to further implement and mature its SMS, we will apply additional focus on survey, benchmarking, measurement and review.		
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY MANAGEMENT SYSTEM	Safety Management System	Enhanced Stakeholder Feedback and Key Performance Indicator Monitoring, Tracking, and Reporting	N/A	No	Within its Safety Management System, SDG&E seeks enhanced internal and external stakeholder feedback. In 2024, these efforts did not incur costs that were separately tracked. As SDG&E seeks to further implement and mature its SMS, we will apply additional focus on key performance indicators, benchmarking, measurement and review.		
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY MANAGEMENT SYSTEM	Safety Management System	Integration of New Technology and Enhanced Data and Analytics Capabilities for Continuous Safety Improvement	N/A	No	In 2024, SDG&E leveraged existing technology and resources to perform data collection and analytics. This is a manual process that can be improved and matured with enhanced technology and resources. SDG&E is assessing options for a single safety application for the most effective and optimal solution.		
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY MANAGEMENT SYSTEM	Safety Management System	SMS Program Benchmarking, Measurement, and Maturity Assessment for Continuous Improvement	N/A	No	Within its Safety Management System, SDG&E seeks enhanced internal and external stakeholder feedback, survey, benchmarking and review. In 2024, SDG&E informally collaborated and benchmarked with industry partners but these efforts did not incur costs that were separately tracked. As SDG&E seeks to further implement and mature its SMS, we will apply additional focus on survey, benchmarking, measurement and review.		
O&M	**SAFETY MANAGEMENT SYSTEMS**	**SubTotal: SAFETY MANAGEMENT SYSTEM**				**Yes**			
O&M	SAFETY MANAGEMENT SYSTEMS	SDG&E FIELD SAFETY	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
O&M	SAFETY MANAGEMENT SYSTEMS	SDG&E FIELD SAFETY	Incident Involving an Employee	Safe Driving Programs	Vehicle Incident	No	N/A		
O&M	SAFETY MANAGEMENT SYSTEMS	SDG&E FIELD SAFETY	Incident Involving an Employee	Strong Safety Culture	N/A	No	N/A		
O&M	**SAFETY MANAGEMENT SYSTEMS**	**SubTotal: SDG&E FIELD SAFETY**				**Yes**			
O&M	SAFETY MANAGEMENT SYSTEMS	VP- RISK MGMT & CHF COMPL OFCR	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
O&M	**SAFETY MANAGEMENT SYSTEMS**	**SubTotal: VP- RISK MGMT & CHF COMPL OFCR**				**Yes**			

SDG&E WILDFIRE MITIGATION & VEGETATION MANAGEMENT O&M
Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date ($)
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	WILDFIRE MITIGATION & VEGETATION MANAGEMENT				Yes			190.918	---	---	---	190.918	192.814	198.596	204.553	210.688	192.814
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	ASSET MANAGEMENT & INSPECTIONS	Wildfire Involving SDG&E Equipment	Dist Syst Inspect:CMP 5 Yr Detail Inspect	Tier 2	No	On-going	Annual	202	---	---	---	2.02	1.32	1.36	1.40	1.44	1.32
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	ASSET MANAGEMENT & INSPECTIONS	Wildfire Involving SDG&E Equipment	Dist Syst Inspect:CMP 5 Yr Detail Inspect	Tier 3	No	On-going	Annual	337	---	---	---	3.37	2.25	2.32	2.39	2.46	2.25
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	ASSET MANAGEMENT & INSPECTIONS	Wildfire Involving SDG&E Equipment	Dist System Inspect: CMP Annual Patrol	Tier 2	No	On-going	Annual	154	---	---	---	1.54	1.72	1.77	1.82	1.87	1.72
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	ASSET MANAGEMENT & INSPECTIONS	Wildfire Involving SDG&E Equipment	Dist System Inspect: CMP Annual Patrol	Tier 3	No	On-going	Annual	130	---	---	---	1.30	1.45	1.49	1.53	1.58	1.45
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	ASSET MANAGEMENT & INSPECTIONS	Wildfire Involving SDG&E Equipment	Dist System Inspection: Drone Inspections	Tier 3	No	On-going	Annual	32,870	---	---	---	32.870	14,444	14,878	15,324	15,784	14,444
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	ASSET MANAGEMENT & INSPECTIONS	Wildfire Involving SDG&E Equipment	Dist System Inspection: HFTD Tier 3 Inspections	Tier 3	No	On-going	Annual	---	---	---	---	---	374	385	397	409	374

SDG&E WILDFIRE MITIGATION & VEGETATION MANAGEMENT O&M
Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date ($)
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	ASSET MANAGEMENT & INSPECTIONS	Wildfire Involving SDG&E Equipment	Dist System Inspection IR/Corona	Tier 2	No	On-going	Annual	139	—	—	—	139	200	206	212	218	200
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	ASSET MANAGEMENT & INSPECTIONS	Wildfire Involving SDG&E Equipment	Intrusive Pole	Tier 2	No	On-going	Annual	60	—	—	—	60	49	50	52	54	49
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	ASSET MANAGEMENT & INSPECTIONS	Wildfire Involving SDG&E Equipment	Intrusive Pole	Tier 3	No	On-going	Annual	13	—	—	—	13	95	98	101	104	95
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	ASSET MANAGEMENT & INSPECTIONS	Wildfire Involving SDG&E Equipment	LiDAR Flights	N/A	No	On-going	Annual	31	—	—	—	31	1,712	1,763	1,816	1,870	1,712
O&M	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**Sub Total ASSET MANAGEMENT & INSPECTIONS**				**Yes**			**3,3,935**	**—**	**—**	**—**	**33,935**	**17,548**	**18,074**	**18,616**	**19,174**	**17,548**
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	DATA GOVERNANCE	Wildfire Involving SDG&E Equipment	Data Governance	N/A	No	On-going	Annual	1,322	—	—	—	1,322	1,874	1,930	1,988	2,048	1,874
O&M	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**Sub Total DATA GOVERNANCE**				**Yes**			**1,322**	**—**	**—**	**—**	**1,322**	**1,874**	**1,930**	**1,988**	**2,048**	**1,874**

SDG&E WILDFIRE MITIGATION & VEGETATION MANAGEMENT O&M
Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date ($)
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	EMERGENCY PLANNING & PREPAREDNESS	Wildfire Involving SDG&E Equipment	Emergency Management Operations	N/A	No	On-going	Annual	17,537	—	—	—	17,537	18,472	19,026	19,597	20,185	18,472
O&M	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**Sub Total EMERGENCY PLANNING & PREPAREDNESS**				**Yes**			**17,537**	**—**	**—**	**—**	**17,537**	**18,472**	**19,026**	**19,597**	**20,185**	**18,472**
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	GRID DESIGN & SYSTEM HARDENING	Wildfire Involving SDG&E Equipment	Advanced Protection	Tier 3	No	On-going	Annual	145	—	—	—	145	—	—	—	—	—
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	GRID DESIGN & SYSTEM HARDENING	Wildfire Involving SDG&E Equipment	Avian Protection Program	OH Distribution	No	On-going	Annual	30	—	—	—	30	—	—	—	—	—
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	GRID DESIGN & SYSTEM HARDENING	Wildfire Involving SDG&E Equipment	BLM Land Management	New01	No	On-going	Annual	—	—	—	—	—	5	5	5	5	5
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	GRID DESIGN & SYSTEM HARDENING	Wildfire Involving SDG&E Equipment	CNF Access Roads	None	No	On-going	Annual	232	—	—	—	232	—	—	—	—	—
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	GRID DESIGN & SYSTEM HARDENING	Wildfire Involving SDG&E Equipment	CNF Land Management	N/A	No	On-going	Annual	—	—	—	—	—	153	158	163	168	153

SDG&E WILDFIRE MITIGATION & VEGETATION MANAGEMENT O&M
Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date ($)
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	GRID DESIGN & SYSTEM HARDENING	Wildfire Involving SDG&E Equipment	EARLY FAULT DETECTION	None	No	On-going	Annual	125	—	—	—	125	—	—	—	—	—
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	GRID DESIGN & SYSTEM HARDENING	Wildfire Involving SDG&E Equipment	Hotline Clamps	Tier 2	No	On-going	Annual	90	—	—	—	90	208	214	220	227	208
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	GRID DESIGN & SYSTEM HARDENING	Wildfire Involving SDG&E Equipment	Hotline Clamps	Tier 3	No	On-going	Annual	16	—	—	—	16	208	214	220	227	208
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	GRID DESIGN & SYSTEM HARDENING	Wildfire Involving SDG&E Equipment	LTE Communication Network	None	No	On-going	Annual	843	—	—	—	843	—	—	—	—	—
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	GRID DESIGN & SYSTEM HARDENING	Wildfire Involving SDG&E Equipment	Microgrids	Tier 2	No	On-going	Annual	1,019	—	—	—	1,019	1,835	1,890	1,947	2,004	1,835
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	GRID DESIGN & SYSTEM HARDENING	Wildfire Involving SDG&E Equipment	OH Dist Fire Hardening Bare Conductor	Non-HFTD	No	On-going	Annual	—	—	—	—	—	2	2	2	2	2

SDG&E WILDFIRE MITIGATION & VEGETATION MANAGEMENT O&M
Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date ($)
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	GRID DESIGN & SYSTEM HARDENING	Wildfire Involving SDG&E Equipment	OH Dist Fire Hardening Bare Conductor	Tier 2	No	On-going	Annual	227	—	—	—	2.27	30	31	32	33	30
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	GRID DESIGN & SYSTEM HARDENING	Wildfire Involving SDG&E Equipment	OH Dist Fire Hardening Bare Conductor	Tier 3	No	On-going	Annual	2,338	—	—	—	2,338	23	24	25	26	23
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	GRID DESIGN & SYSTEM HARDENING	Wildfire Involving SDG&E Equipment	OH Dist Fire Hardening Covered Cond	Tier 2	No	On-going	Annual	1,404	—	—	—	1,404	122	126	130	134	122
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	GRID DESIGN & SYSTEM HARDENING	Wildfire Involving SDG&E Equipment	OH Dist Fire Hardening Covered Cond	Tier 3	No	On-going	Annual	1,014	—	—	—	1,014	553	570	587	605	553
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	GRID DESIGN & SYSTEM HARDENING	Wildfire Involving SDG&E Equipment	OH Trans Fire Hardening Dist Underbuild	Tier 2	No	On-going	Annual	1	—	—	—	1	—	—	—	—	—
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	GRID DESIGN & SYSTEM HARDENING	Wildfire Involving SDG&E Equipment	Resiliency Assistance Programs	Tier 2	No	On-going	Annual	—	—	—	—	—	1,253	1,291	1,330	1,370	1,253

SDG&E WILDFIRE MITIGATION & VEGETATION MANAGEMENT O&M
Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date ($)
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	GRID DESIGN & SYSTEM HARDENING	Wildfire Involving SDG&E Equipment	Resiliency Assistance Programs	Tier 3	No	On-going	Annual	489	—	—	—	489	836	861	887	914	836
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	GRID DESIGN & SYSTEM HARDENING	Wildfire Involving SDG&E Equipment	Resiliency Grant Programs	Tier 2	No	On-going	Annual	—	—	—	—	—	5,587	5,754	5,927	6,105	5,587
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	GRID DESIGN & SYSTEM HARDENING	Wildfire Involving SDG&E Equipment	Resiliency Grant Programs	Tier 3	No	On-going	Annual	980	—	—	—	980	3,036	3,127	3,220	3,317	3,036
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	GRID DESIGN & SYSTEM HARDENING	Wildfire Involving SDG&E Equipment	Standby Power Programs	Tier 3	No	On-going	Annual	5,206	—	—	—	5,206	11,820	12,174	12,539	12,915	11,820
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	GRID DESIGN & SYSTEM HARDENING	Wildfire Involving SDG&E Equipment	Strategic Pole Replacement Program (HFTD)	HFTD Tiers 2 & 3	No	On-going	Annual	151	—	—	—	151	—	—	—	—	—

SDG&E WILDFIRE MITIGATION & VEGETATION MANAGEMENT O&M
Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date ($)
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	GRID DESIGN & SYSTEM HARDENING	Wildfire Involving SDG&E Equipment	Strategic Undergrounding	Tier 2	No	On-going	Annual	348	—	—	—	348	1,235	1,272	1,310	1,349	1,235
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	GRID DESIGN & SYSTEM HARDENING	Wildfire Involving SDG&E Equipment	Strategic Undergrounding	Tier 3	No	On-going	Annual	1,134	—	—	—	1,134	2,101	2,164	2,229	2,295	2,101
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	GRID DESIGN & SYSTEM HARDENING	Wildfire Involving SDG&E Equipment	Transmission System Inspection	None	No	On-going	Annual	6	—	—	—	6	—	—	—	—	—
O&M	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**Sub Total GRID OPERATIONS & OPERATING PROTOCOLS**				**Yes**			**12,487**	**—**	**—**	**—**	**12,487**	**16,816**	**17,320**	**17,840**	**18,375**	**16,816**
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	RESOURCE ALLOCATION METHODOLOGY	Wildfire Involving SDG&E Equipment	Wildfire Mitigation Personnel	None	No	On-going	Annual	2,710	—	—	—	2,710	8,782	9,045	9,316	9,595	8,782
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	RESOURCE ALLOCATION METHODOLOGY	Wildfire Involving SDG&E Equipment	Asset Management	None	No	On-going	Annual	104	—	—	—	104	—	—	—	—	—
O&M	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**Sub Total RESOURCE ALLOCATION METHODOLOGY**				**Yes**			**2,814**	**—**	**—**	**—**	**2,814**	**8,782**	**9,045**	**9,316**	**9,595**	**8,782**
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	RISK ASSESSMENT & MAPPING	Wildfire Involving SDG&E Equipment	Risk Assessment & Mapping	N/A	No	On-going	Annual	4,685	—	—	—	4,685	2,755	2,838	2,923	3,011	2,755
O&M	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**Sub Total RISK ASSESSMENT & MAPPING**				**Yes**			**4,685**	**—**	**—**	**—**	**4,685**	**2,755**	**2,838**	**2,923**	**3,011**	**2,755**

SDG&E WILDFIRE MITIGATION & VEGETATION MANAGEMENT O&M
Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date ($)
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	SITUATIONAL AWARENESS AND FORECASTING	Incident Involving an Employee	Wildfire Smoke Particulates	N/A	No	On-going	Annual	45	—	—	—	45	1.14	1.17	1.21	1.25	1.14
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	SITUATIONAL AWARENESS AND FORECASTING	Wildfire Involving SDG&E Equipment	Fire Science and Climate Adaptation Department	N/A	No	On-going	Annual	5,486	—	—	—	5,486	4.296	4.425	4.557	4.693	4.296
O&M	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal SITUATIONAL AWARENESS AND FORECASTING**				**Yes**			**5,531**	**—**	**—**	**—**	**5,531**	**4.410**	**4.542**	**4.678**	**4.818**	**4.410**
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	STAKEHOLDER COOPERATION & COMMUNITY ENGAGEMENT	Wildfire Involving SDG&E Equipment	Mylar Balloon Alternative	N/A	No	On-going	Annual	2	—	—	—	2	98	101	104	107	98
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	STAKEHOLDER COOPERATION & COMMUNITY ENGAGEMENT	Wildfire Involving SDG&E Equipment	PSPS Communication Practices	N/A	No	On-going	Annual	7,370	—	—	—	7,370	11,258	11,596	11,944	12,303	11,258
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	STAKEHOLDER COOPERATION & COMMUNITY ENGAGEMENT	Wildfire Involving SDG&E Equipment	WMP AIN Customer Support	N/A	No	On-going	Annual	1,496	—	—	—	1,496	1,583	1,630	1,679	1,729	1,583
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	STAKEHOLDER COOPERATION & COMMUNITY ENGAGEMENT	Wildfire Involving SDG&E Equipment	WMP Tribal Customer Support	N/A	No	On-going	Annual	156	—	—	—	156	228	235	242	249	228
O&M	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal STAKEHOLDER COOPERATION & COMMUNITY ENGAGEMENT**				**Yes**			**9,023**	**—**	**—**	**—**	**9,023**	**13,167**	**13,562**	**13,969**	**14,388**	**13,167**

SDG&E WILDFIRE MITIGATION & VEGETATION MANAGEMENT O&M
Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date ($)
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	VEGETATION MGMT & INSP	Wildfire Involving SDG&E Equipment	Fuels Management Program	Tier 2	No	On-going	Annual	623	---	---	---	6.23	1,125	1,159	1,194	1,230	1,125
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	VEGETATION MGMT & INSP	Wildfire Involving SDG&E Equipment	Fuels Management Program	Tier 3	No	On-going	Annual	2,900	---	---	---	2,900	4,494	4,629	4,768	4,911	4,494
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	VEGETATION MGMT & INSP	Wildfire Involving SDG&E Equipment	Pole Brushing	Non-HFTD	No	On-going	Annual	805	---	---	---	805	680	700	721	743	680
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	VEGETATION MGMT & INSP	Wildfire Involving SDG&E Equipment	Pole Brushing	Tier 2	No	On-going	Annual	3,258	---	---	---	3,258	3,101	3,194	3,290	3,388	3,101
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	VEGETATION MGMT & INSP	Wildfire Involving SDG&E Equipment	Pole Brushing	Tier 3	No	On-going	Annual	3,057	---	---	---	3,057	2,897	2,984	3,073	3,165	2,897
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	VEGETATION MGMT & INSP	Wildfire Involving SDG&E Equipment	Vegetation Restoration Initiative	N/A	No	On-going	Annual	926	---	---	---	9.26	1,071	1,103	1,136	1,170	1,071
O&M	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal VEGETATION MGMT & INSP. - TREE TRIMMING ONLY**				**Yes**			**76,214**	**---**	**---**	**---**	**76.214**	**66,615**	**68,613**	**70,671**	**72,791**	**66,615**

SDG&E WILDFIRE MITIGATION & VEGETATION MANAGEMENT O&M
Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference ($)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	WILDFIRE MITIGATION & VEGETATION MANAGEMENT				Yes	(1,879)	(198,859)	(204,853)	(210,688)	(1,891)	-1%	-100%	-100%	-100%	-1%
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	ASSET MANAGEMENT & INSPECTIONS	Wildfire Involving SDG&E Equipment	Dist Syst InspectCMP 5 Yr Detail Inspect	Tier 2	No	70	(136)	(140)	(144)	70	53%	-100%	-100%	-100%	53%
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	ASSET MANAGEMENT & INSPECTIONS	Wildfire Involving SDG&E Equipment	Dist Syst InspectCMP 5 Yr Detail Inspect	Tier 3	No	112	(232)	(239)	(246)	112	50%	-100%	-100%	-100%	50%
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	ASSET MANAGEMENT & INSPECTIONS	Wildfire Involving SDG&E Equipment	Dist System Inspect CMP Annual Patrol	Tier 2	No	(18)	(177)	(182)	(187)	(18)	-10%	-100%	-100%	-100%	-10%
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	ASSET MANAGEMENT & INSPECTIONS	Wildfire Involving SDG&E Equipment	Dist System Inspect CMP Annual Patrol	Tier 3	No	(15)	(149)	(153)	(158)	(15)	-11%	-100%	-100%	-100%	-11%
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	ASSET MANAGEMENT & INSPECTIONS	Wildfire Involving SDG&E Equipment	Dist System Inspection Drone Inspections	Tier 3	No	18,426	(14,870)	(15,320)	(15,780)	18,426	128%	-100%	-100%	-100%	128%
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	ASSET MANAGEMENT & INSPECTIONS	Wildfire Involving SDG&E Equipment	Dist System Inspection HFTD Tier 3 Inspections	Tier 3	No	(374)	(385)	(397)	(409)	(374)	-100%	-100%	-100%	-100%	-100%

SDG&E WILDFIRE MITIGATION & VEGETATION MANAGEMENT O&M
Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference ($)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	ASSET MANAGEMENT & INSPECTIONS	Wildfire Involving SDG&E Equipment	Dist System Inspection IR/Corona	Tier 2	No	(61)	(206)	(212)	(218)	(61)	-31%	-100%	-100%	-100%	-31%
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	ASSET MANAGEMENT & INSPECTIONS	Wildfire Involving SDG&E Equipment	Intrusive Poles	Tier 2	No	11	(50)	(52)	(54)	11	22%	-100%	-100%	-100%	22%
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	ASSET MANAGEMENT & INSPECTIONS	Wildfire Involving SDG&E Equipment	Intrusive Poles	Tier 3	No	(82)	(98)	(101)	(104)	(82)	-86%	-100%	-100%	-100%	-86%
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	ASSET MANAGEMENT & INSPECTIONS	Wildfire Involving SDG&E Equipment	LiDAR Flights	N/A	No	(1,681)	(1,763)	(1,816)	(1,870)	(1,681)	-98%	-100%	-100%	-100%	-98%
O&M	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**Sub Total ASSET MANAGEMENT & INSPECTIONS**				**Yes**	**16,387**	**(18,074)**	**(18,616)**	**(19,174)**	**16,387**	**93%**	**-100%**	**-100%**	**-100%**	**93%**
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	DATA GOVERNANCE	Wildfire Involving SDG&E Equipment	Data Governance	N/A	No	(552)	(1,930)	(1,988)	(2,048)	(552)	-29%	-100%	-100%	-100%	-29%
O&M	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**Sub Total DATA GOVERNANCE**				**Yes**	**(552)**	**(1,930)**	**(1,988)**	**(2,048)**	**(552)**	**-29%**	**-100%**	**-100%**	**-100%**	**-29%**

SDG&E WILDFIRE MITIGATION & VEGETATION MANAGEMENT O&M
Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference ($)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	EMERGENCY PLANNING & PREPAREDNESS	Wildfire Involving SDG&E Equipment	Emergency Management Operations	N/A	No	(9.35)	(19.026)	(19.597)	(20.185)	(93.5)	-5%	-100%	-100%	-100%	-5%
O&M	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**Sub Total EMERGENCY PLANNING & PREPAREDNESS**				**Yes**	**(9.35)**	**(19.026)**	**(19.597)**	**(20.185)**	**(93.5)**	**-5%**	**-100%**	**-100%**	**-100%**	**-5%**
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	GRID DESIGN & SYSTEM HARDENING	Wildfire Involving SDG&E Equipment	Advanced Protection	Tier 3	No	145	—	—	—	145	100%	—%	—%	—%	100%
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	GRID DESIGN & SYSTEM HARDENING	Wildfire Involving SDG&E Equipment	Avian Protection Program	OH Distribution	No	30	—	—	—	30	100%	—%	—%	—%	100%
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	GRID DESIGN & SYSTEM HARDENING	Wildfire Involving SDG&E Equipment	BLM Land Management	New01	No	(5)	(5)	(5)	(5)	(5)	-100%	-100%	-100%	-100%	-100%
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	GRID DESIGN & SYSTEM HARDENING	Wildfire Involving SDG&E Equipment	CNF Access Roads	None	No	232	—	—	—	232	100%	—%	—%	—%	100%
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	GRID DESIGN & SYSTEM HARDENING	Wildfire Involving SDG&E Equipment	CNF Land Management	N/A	No	(1.53)	(1.58)	(1.63)	(1.68)	(1.53)	-100%	-100%	-100%	-100%	-100%

SDG&E WILDFIRE MITIGATION & VEGETATION MANAGEMENT O&M
Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference ($)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	GRID DESIGN & SYSTEM HARDENING	Wildfire Involving SDG&E Equipment	EARLY FAULT DETECTION	None	No	125	—	—	—	125	100%	—%	—%	—%	100%
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	GRID DESIGN & SYSTEM HARDENING	Wildfire Involving SDG&E Equipment	Hotline Clamps	Tier 2	No	(118)	(214)	(220)	(227)	(118)	-57%	-100%	-100%	-100%	-57%
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	GRID DESIGN & SYSTEM HARDENING	Wildfire Involving SDG&E Equipment	Hotline Clamps	Tier 3	No	(192)	(214)	(220)	(227)	(192)	-92%	-100%	-100%	-100%	-92%
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	GRID DESIGN & SYSTEM HARDENING	Wildfire Involving SDG&E Equipment	LTE Communication Network	None	No	843	—	—	—	843	100%	—%	—%	—%	100%
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	GRID DESIGN & SYSTEM HARDENING	Wildfire Involving SDG&E Equipment	Microgrids	Tier 2	No	(816)	(1,890)	(1,947)	(2,004)	(816)	-44%	-100%	-100%	-100%	-44%
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	GRID DESIGN & SYSTEM HARDENING	Wildfire Involving SDG&E Equipment	OH Dist Fire Hardening Bare Conductor	Non-HFTD	No	(2)	(2)	(2)	(2)	(2)	-100%	-100%	-100%	-100%	-100%

SDG&E WILDFIRE MITIGATION & VEGETATION MANAGEMENT O&M
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Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference ($)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	GRID DESIGN & SYSTEM HARDENING	Wildfire Involving SDG&E Equipment	OH Dist Fire Hardening Bare Conductor	Tier 2	No	197	(31)	(32)	(33)	197	656%	-100%	-100%	-100%	656%
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	GRID DESIGN & SYSTEM HARDENING	Wildfire Involving SDG&E Equipment	OH Dist Fire Hardening Bare Conductor	Tier 3	No	2,315	(26)	(25)	(26)	2,315	10807%	-100%	-100%	-100%	10807%
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	GRID DESIGN & SYSTEM HARDENING	Wildfire Involving SDG&E Equipment	OH Dist Fire Hardening Covered Cond	Tier 2	No	1,282	(120)	(130)	(134)	1,282	1051%	-100%	-100%	-100%	1051%
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	GRID DESIGN & SYSTEM HARDENING	Wildfire Involving SDG&E Equipment	OH Dist Fire Hardening Covered Cond	Tier 3	No	461	(570)	(587)	(605)	461	83%	-100%	-100%	-100%	83%
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	GRID DESIGN & SYSTEM HARDENING	Wildfire Involving SDG&E Equipment	OH Trans Fire Hardening Dist Underbuild	Tier 2	No	1	—	—	—	1	100%	—%	—%	—%	100%
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	GRID DESIGN & SYSTEM HARDENING	Wildfire Involving SDG&E Equipment	Resiliency Assistance Programs	Tier 2	No	(1,253)	(1,291)	(1,330)	(1,370)	(1,253)	-100%	-100%	-100%	-100%	-100%

SDG&E WILDFIRE MITIGATION & VEGETATION MANAGEMENT O&M
Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference ($)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	GRID DESIGN & SYSTEM HARDENING	Wildfire Involving SDG&E Equipment	Resiliency Assistance Programs	Tier 3	No	(3.47)	(8.61)	(8.87)	(91.4)	(3.47)	-41%	-100%	-100%	-100%	-41%
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	GRID DESIGN & SYSTEM HARDENING	Wildfire Involving SDG&E Equipment	Resiliency Grant Programs	Tier 2	No	(5.587)	(5.754)	(5.927)	(6.105)	(5.587)	-100%	-100%	-100%	-100%	-100%
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	GRID DESIGN & SYSTEM HARDENING	Wildfire Involving SDG&E Equipment	Resiliency Grant Programs	Tier 3	No	(2.056)	(3.127)	(3.220)	(3.317)	(2.056)	-68%	-100%	-100%	-100%	-68%
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	GRID DESIGN & SYSTEM HARDENING	Wildfire Involving SDG&E Equipment	Standby Power Programs	Tier 3	No	(6.614)	(12.174)	(12.539)	(12.915)	(6.614)	-56%	-100%	-100%	-100%	-56%
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	GRID DESIGN & SYSTEM HARDENING	Wildfire Involving SDG&E Equipment	Strategic Pole Replacement Program (HFTD)	HFTD Tiers 2 & 3	No	151	—	—	—	151	100%	—%	—%	—%	100%

SDG&E WILDFIRE MITIGATION & VEGETATION MANAGEMENT O&M
Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference ($)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	GRID DESIGN & SYSTEM HARDENING	Wildfire Involving SDG&E Equipment	Strategic Undergrounding	Tier 2	No	(887)	(1,272)	(1,310)	(1,349)	(887)	-72%	-100%	-100%	-100%	-72%
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	GRID DESIGN & SYSTEM HARDENING	Wildfire Involving SDG&E Equipment	Strategic Undergrounding	Tier 3	No	(967)	(2,164)	(2,229)	(2,295)	(967)	-46%	-100%	-100%	-100%	-46%
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	GRID DESIGN & SYSTEM HARDENING	Wildfire Involving SDG&E Equipment	Transmission System Inspection	None	No	6	—	—	—	6	100%	—%	—%	—%	100%
O&M	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**Sub Total GRID OPERATIONS & OPERATING PROTOCOLS**				**Yes**	**(4,329)**	**(17,320)**	**(17,840)**	**(18,375)**	**(4,329)**	**-26%**	**-100%**	**-100%**	**-100%**	**-26%**
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	RESOURCE ALLOCATION METHODOLOGY	Wildfire Involving SDG&E Equipment	Wildfire Mitigation Personnel	None	No	(6,072)	(9,045)	(9,316)	(9,595)	(6,072)	-69%	-100%	-100%	-100%	-69%
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	RESOURCE ALLOCATION METHODOLOGY	Wildfire Involving SDG&E Equipment	Asset Management	None	No	104	—	—	—	104	100%	—%	—%	—%	100%
O&M	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**Sub Total RESOURCE ALLOCATION METHODOLOGY**				**Yes**	**(5,968)**	**(9,045)**	**(9,316)**	**(9,595)**	**(5,968)**	**-68%**	**-100%**	**-100%**	**-100%**	**-68%**
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	RISK ASSESSMENT & MAPPING	Wildfire Involving SDG&E Equipment	Risk Assessment & Mapping	N/A	No	1,930	(2,838)	(2,923)	(3,011)	1,930	70%	-100%	-100%	-100%	70%
O&M	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**Sub Total RISK ASSESSMENT & MAPPING**				**Yes**	**1,930**	**(2,838)**	**(2,923)**	**(3,011)**	**1,930**	**70%**	**-100%**	**-100%**	**-100%**	**70%**

SDG&E WILDFIRE MITIGATION & VEGETATION MANAGEMENT O&M
Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference ($)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	SITUATIONAL AWARENESS AND FORECASTING	Incident Involving an Employee	Wildfire Smoke Particulates	N/A	No	(69)	(117)	(121)	(125)	(69)	-61%	-100%	-100%	-100%	-61%
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	SITUATIONAL AWARENESS AND FORECASTING	Wildfire Involving SDG&E Equipment	Fire Science and Climate Adaptation Department	N/A	No	1,190	(4,425)	(4,557)	(4,693)	1,190	28%	-100%	-100%	-100%	28%
O&M	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**Sub Total SITUATIONAL AWARENESS AND FORECASTING**				**Yes**	**1,121**	**(4,542)**	**(4,678)**	**(4,818)**	**1,121**	**25%**	**-100%**	**-100%**	**-100%**	**25%**
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	STAKEHOLDER COOPERATION & COMMUNITY ENGAGEMENT	Wildfire Involving SDG&E Equipment	Mylar Balloon Alternative	N/A	No	(96)	(101)	(104)	(107)	(96)	-98%	-100%	-100%	-100%	-98%
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	STAKEHOLDER COOPERATION & COMMUNITY ENGAGEMENT	Wildfire Involving SDG&E Equipment	PSPS Communication Practices	N/A	No	(3,888)	(11,596)	(11,944)	(12,303)	(3,888)	-35%	-100%	-100%	-100%	-35%
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	STAKEHOLDER COOPERATION & COMMUNITY ENGAGEMENT	Wildfire Involving SDG&E Equipment	WMP AIN Customer Support	N/A	No	(87)	(1,630)	(1,679)	(1,729)	(87)	-6%	-100%	-100%	-100%	-6%
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	STAKEHOLDER COOPERATION & COMMUNITY ENGAGEMENT	Wildfire Involving SDG&E Equipment	WMP Tribal Customer Support	N/A	No	(72)	(235)	(242)	(249)	(72)	-31%	-100%	-100%	-100%	-31%
O&M	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**Sub Total STAKEHOLDER COOPERATION & COMMUNITY ENGAGEMENT**				**Yes**	**(4,140)**	**(13,562)**	**(13,969)**	**(14,388)**	**(4,140)**	**-31%**	**-100%**	**-100%**	**-100%**	**-31%**

SDG&E WILDFIRE MITIGATION & VEGETATION MANAGEMENT O&M
Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference ($)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	VEGETATION MGMT & INSP	Wild fire Involving SDG&E Equipment	Fuels Management Program	Tier 2	No	(502)	(1,159)	(1,194)	(1,230)	(502)	-45%	-100%	-100%	-100%	-45%
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	VEGETATION MGMT & INSP	Wild fire Involving SDG&E Equipment	Fuels Management Program	Tier 3	No	(1,594)	(4,629)	(4,768)	(4,911)	(1,594)	-35%	-100%	-100%	-100%	-35%
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	VEGETATION MGMT & INSP	Wild fire Involving SDG&E Equipment	Pole Brushing	Non-HFTD	No	125	(700)	(721)	(743)	125	18%	-100%	-100%	-100%	18%
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	VEGETATION MGMT & INSP	Wild fire Involving SDG&E Equipment	Pole Brushing	Tier 2	No	157	(3,194)	(3,290)	(3,388)	157	5%	-100%	-100%	-100%	5%
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	VEGETATION MGMT & INSP	Wild fire Involving SDG&E Equipment	Pole Brushing	Tier 3	No	160	(2,984)	(3,073)	(3,165)	160	6%	-100%	-100%	-100%	6%
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	VEGETATION MGMT & INSP	Wild fire Involving SDG&E Equipment	Vegetation Restoration Initiative	N/A	No	(145)	(1,103)	(1,136)	(1,170)	(145)	-14%	-100%	-100%	-100%	-14%
O&M	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal VEGETATION MGMT & INSP. - TREE TRIMMING ONLY**				**Yes**	**9,599**	**(68,613)**	**(70,671)**	**(72,791)**	**9,599**	**14%**	**-100%**	**-100%**	**-100%**	**14%**

SDG&E WILDFIRE MITIGATION & VEGETATION MANAGEMENT O&M
Bifurcated

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	WILDFIRE MITIGATION & VEGETATION MANAGEMENT				Yes																					
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	ASSET MANAGEMENT & INSPECTIONS	Wildfire Involving SDG&E Equipment	Dist Syst InspectCMP 5 Yr Detail Inspect	Tier 2	No	HFTD Inspections	6,190				6,190	6,070				6,070	120	0	0	0	120	2 %	0 %	0 %	0 %	2 %
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	ASSET MANAGEMENT & INSPECTIONS	Wildfire Involving SDG&E Equipment	Dist Syst InspectCMP 5 Yr Detail Inspect	Tier 3	No	HFTD Inspections	10,313				10,313	10,320				10,320	(7)	0	0	0	(7)	(0)%	0 %	0 %	0 %	(0)%
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	ASSET MANAGEMENT & INSPECTIONS	Wildfire Involving SDG&E Equipment	Dist System Inspect CMP Annual Patrol	Tier 2	No	HFTD Patrols	46,793				46,793	46,751				46,751	42	0	0	0	42	0 %	0 %	0 %	0 %	0 %
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	ASSET MANAGEMENT & INSPECTIONS	Wildfire Involving SDG&E Equipment	Dist System Inspect CMP Annual Patrol	Tier 3	No	HFTD Patrols	39,347				39,347	39,371				39,371	(24)	0	0	0	(24)	(0)%	0 %	0 %	0 %	(0)%
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	ASSET MANAGEMENT & INSPECTIONS	Wildfire Involving SDG&E Equipment	Dist System Inspection Drone Inspections	Tier 3	No	The number of inspections and repairs varies each year based on evolving methodologies and the specific issues identified, making direct comparisons difficult. Additionally, the range of work activities within this program is too diverse to be captured by a single, consistent unit of measurement year over year.																				
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	ASSET MANAGEMENT & INSPECTIONS	Wildfire Involving SDG&E Equipment	Dist System Inspection HFTD Tier 3 Inspections	Tier 3	No	HFTD Inspections	---				---	11,596				11,596	(11,596)	0	0	0	(11,596)	(100)%	0 %	0 %	0 %	(100)%

SDG&E WILDFIRE MITIGATION & VEGETATION MANAGEMENT O&M
Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	ASSET MANAGEMENT & INSPECTIONS	Wildfire Involving SDG&E Equipment	Dist System Inspection IR/Corona	Tier 2	No	HFTD Inspections	6,398				6,398	18,000				18,000	(11,602)	0	0	0	(11,602)	-64.9%	0 %	0 %	0 %	-64.9%
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	ASSET MANAGEMENT & INSPECTIONS	Wildfire Involving SDG&E Equipment	Intrusive Pole	Tier 2	No	HFTD Inspections	1,818				1,818	679				679	1,139	0	0	0	1,139	168 %	0 %	0 %	0 %	168 %
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	ASSET MANAGEMENT & INSPECTIONS	Wildfire Involving SDG&E Equipment	Intrusive Pole	Tier 3	No	HFTD Inspections	407				407	1,321				1,321	(914)	0	0	0	(914)	-69%	0 %	0 %	0 %	-69%
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	ASSET MANAGEMENT & INSPECTIONS	Wildfire Involving SDG&E Equipment	LiDAR Flights	N/A	No	This work paper includes light detection and ranging (LiDAR) inspections which is a new and evolving initiative that uses LiDAR surveys. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																				
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	Sub Total ASSET MANAGEMENT & INSPECTIONS				Yes																					
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	DATA GOVERNANCE	Wildfire Involving SDG&E Equipment	Data Governance	N/A	No	Activities included a centralized data lake for WMP data and metrics that enables consistent, reliable, and automated reporting of the spatial and non-spatial Quarterly Data Report (QDR) mandated by Energy Safety's Data guidelines, along with comprehensive documentation to ensure transparency and accountability. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																		
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	Sub Total DATA GOVERNANCE				Yes																					

SDG&E WILDFIRE MITIGATION & VEGETATION MANAGEMENT O&M
Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	EMERGENCY PLANNING & PREPAREDNESS	Wildfire Involving SDG&E Equipment	Emergency Management Operations	N/A	No	Emergency Management Operations focus on preparedness and response to unpredictable hazards, particularly wildfires. Unlike programs with consistent metrics, those efforts involve varied activities—planning, training, exercises, and direct response—that change in scope and complexity each year. Because emergencies demand adaptive strategies, a single, comparable unit of measurement is not feasible.																	
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	SubTotal EMERGENCY PLANNING & PREPAREDNESS				Yes																					
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	GRID DESIGN & SYSTEM HARDENING	Wildfire Involving SDG&E Equipment	Advanced Protection	Tier 3	No	Circuits	5				5	0				—	5	0	0	0	5	100 %	0 %	0 %	0 %	100 %
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	GRID DESIGN & SYSTEM HARDENING	Wildfire Involving SDG&E Equipment	Avian Protection Program	OH Distribution	No	Poles protected	774				774	0				—	774	0	0	0	774	100 %	0 %	0 %	0 %	100 %
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	GRID DESIGN & SYSTEM HARDENING	Wildfire Involving SDG&E Equipment	BLM Land Management	Newll	No	Plans	—				—	1				1	(1)	0	0	0	(1)	(100)%	0 %	0 %	0 %	(100)%
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	GRID DESIGN & SYSTEM HARDENING	Wildfire Involving SDG&E Equipment	CNF Access Roads	None	No	Miles of road decommissioned	—				—	0				—	0	0	0	0	—	0 %	0 %	0 %	0 %	0 %
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	GRID DESIGN & SYSTEM HARDENING	Wildfire Involving SDG&E Equipment	CNF Land Management	N/A	No	Cleveland National Forest (CNF) Master Special Use Permit	—				—	1				1	(1)	0	0	0	(1)	(100)%	0 %	0 %	0 %	(100)%

SDG&E WILDFIRE MITIGATION & VEGETATION MANAGEMENT O&M
Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	GRID DESIGN & SYSTEM HARDENING	Wildfire Involving SDG&E Equipment	EARLY FAULT DETECTION	None	No	Nodes	62				62	0				—	62	0	0	0	62	100 %	0 %	0 %	0 %	100 %
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	GRID DESIGN & SYSTEM HARDENING	Wildfire Involving SDG&E Equipment	Hotline Clamps	Tier 2	No	Hotline clamps replaced	17				17	106				106	(89)	0	0	0	(89)	(84.0%)	0 %	0 %	0 %	(84.0%)
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	GRID DESIGN & SYSTEM HARDENING	Wildfire Involving SDG&E Equipment	Hotline Clamps	Tier 3	No	Hotline clamps replaced	3				3	106				106	(103)	0	0	0	(103)	(97.1%)	0 %	0 %	0 %	(97.1%)
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	GRID DESIGN & SYSTEM HARDENING	Wildfire Involving SDG&E Equipment	LTE Communication Network	None	No	LTE communication network	1				1	0				—	1	0	0	0	1	100 %	0 %	0 %	0 %	100 %
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	GRID DESIGN & SYSTEM HARDENING	Wildfire Involving SDG&E Equipment	Microgrids	Tier 2	No	Megawatts reserved through generator rentals	3				3	6				6	(3)	0	0	0	(3)	(47.1%)	0 %	0 %	0 %	(47.1%)
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	GRID DESIGN & SYSTEM HARDENING	Wildfire Involving SDG&E Equipment	OH Dist Fire Hardening Bare Conductor	Non-HFTD	No	Miles hardened (Capital)	—				—	0				—	0	0	0	0	—	0 %	0 %	0 %	0 %	0 %

SDG&E WILDFIRE MITIGATION & VEGETATION MANAGEMENT O&M
Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	GRID DESIGN & SYSTEM HARDENING	Wildfire Involving SDG&E Equipment	OH Dist Fire Hardening Bare Conductor	Tier 2	No	Miles hardened (Capital)	0				0	0				—	0	0	0	0	0	100 %	0 %	0 %	0 %	100 %
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	GRID DESIGN & SYSTEM HARDENING	Wildfire Involving SDG&E Equipment	OH Dist Fire Hardening Bare Conductor	Tier 3	No	Miles hardened (Capital)	0				0	5				5	(5)	0	0	0	(5)	(90)%	0 %	0 %	0 %	(90)%
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	GRID DESIGN & SYSTEM HARDENING	Wildfire Involving SDG&E Equipment	OH Dist Fire Hardening Covered Cond	Tier 2	No	Miles hardened (Capital)	21				21	18				18	3	0	0	0	3	16 %	0 %	0 %	0 %	16 %
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	GRID DESIGN & SYSTEM HARDENING	Wildfire Involving SDG&E Equipment	OH Dist Fire Hardening Covered Cond	Tier 3	No	Miles hardened (Capital)	15				15	82				82	(67)	0	0	0	(67)	(82)%	0 %	0 %	0 %	(82)%
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	GRID DESIGN & SYSTEM HARDENING	Wildfire Involving SDG&E Equipment	OH Trans Fire Hardening Dist Underbuild	Tier 2	No	Miles hardened (Capital)	7				7	0				—	7	0	0	0	7	100 %	0 %	0 %	0 %	100 %
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	GRID DESIGN & SYSTEM HARDENING	Wildfire Involving SDG&E Equipment	Resiliency Assistance Programs	Tier 2	No	Rebates	—				—	750				750	(750)	0	0	0	(750)	(100)%	0 %	0 %	0 %	(100)%

SDG&E WILDFIRE MITIGATION & VEGETATION MANAGEMENT O&M
Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	GRID DESIGN & SYSTEM HARDENING	Wildfire Involving SDG&E Equipment	Resiliency Assistance Programs	Tier 3	No	Rebates	232				232	500				500	(268)	0	0	0	(268)	(54.0)%	0 %	0 %	0 %	(54.0)%
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	GRID DESIGN & SYSTEM HARDENING	Wildfire Involving SDG&E Equipment	Resiliency Grant Programs	Tier 2	No	Generators	—				—	2000				2,000	(2,000)	0	0	0	(2000)	(100)%	0 %	0 %	0 %	(100)%
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	GRID DESIGN & SYSTEM HARDENING	Wildfire Involving SDG&E Equipment	Resiliency Grant Programs	Tier 3	No	Generators	158				158	1000				1,000	(842)	0	0	0	(842)	(84.0)%	0 %	0 %	0 %	(84.0)%
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	GRID DESIGN & SYSTEM HARDENING	Wildfire Involving SDG&E Equipment	Standby Power Programs	Tier 3	No	Generators	54				54	412				412	(358)	0	0	0	(358)	(87)%	0 %	0 %	0 %	(87)%
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	GRID DESIGN & SYSTEM HARDENING	Wildfire Involving SDG&E Equipment	Strategic Pole Replacement Program (HFTD)	HFTD Tiers 2 & 3	No	Poles	40				40	0				—	40	0	0	0	40	100 %	0 %	0 %	0 %	100 %

SDG&E WILDFIRE MITIGATION & VEGETATION MANAGEMENT O&M
Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	GRID DESIGN & SYSTEM HARDENING	Wildfire Involving SDG&E Equipment	Strategic Undergrounding	Tier 2	No	Miles undergrounded (Capital)	26				26	13				13	13	0	0	0	13	100 %	0 %	0 %	0 %	100 %
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	GRID DESIGN & SYSTEM HARDENING	Wildfire Involving SDG&E Equipment	Strategic Undergrounding	Tier 3	No	Miles undergrounded (Capital)	86				86	22				22	64	0	0	0	64	289 %	0 %	0 %	0 %	289 %
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	GRID DESIGN & SYSTEM HARDENING	Wildfire Involving SDG&E Equipment	Transmission System Inspection	None	No	Inspections	2,940				2,940	0				—	2,940	0	0	0	2,940	100 %	0 %	0 %	0 %	100 %
O&M	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal GRID OPERATIONS & OPERATING PROTOCOLS**				**Yes**																					
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	RESOURCE ALLOCATION METHODOLOGY	Wildfire Involving SDG&E Equipment	Wildfire Mitigation Personnel	None	No	Activities include the development of the Wildfire Mitigation Plan, support regulatory and legislative activities related to wildfire mitigation. It also includes tracking and monitoring of Wildfire Mitigation program progress and metrics, leading the the utility wildfire mitigation maturity model, spearheads vision projects, promotes new methods to enhance fire safety, and explores advancements to drive further improvement and change. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																		
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	RESOURCE ALLOCATION METHODOLOGY	Wildfire Involving SDG&E Equipment	Asset Management	None	No	Initiative that develops proactive asset replacement, inspection, and repair programs based on risk. Because there are multiple different types of units of measure in this program, it would not be accurate or consistent to identify one unit of measure.																		
O&M	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal RESOURCE ALLOCATION METHODOLOGY**				**Yes**																					
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	RISK ASSESSMENT & MAPPING	Wildfire Involving SDG&E Equipment	Risk Assessment & Mapping	N/A	No	Activities include the development of WiNGS Planning, which enables risk assessment and prioritization of distribution grid hardening based on both an assessment of SDG&E's overall system risk and the risk of specific circuit segments and WiNGS Ops model to assess wildfire and PSPS risk and support operational decision making. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																		
O&M	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal RISK ASSESSMENT & MAPPING**				**Yes**																					

SDG&E WILDFIRE MITIGATION & VEGETATION MANAGEMENT O&M
Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	SITUATIONAL AWARENESS AND FORECASTING	Incident Involving an Employee	Wildfire Smoke Particulates	N/A	No	Particulate smoke sensors maintained	16				16	40				40	(24)	0	0	0	(24)	(60)%	0 %	0 %	0 %	(60)%
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	SITUATIONAL AWARENESS AND FORECASTING	Wildfire Involving SDG&E Equipment	Fire Science and Climate Adaptation Department	N/A	No	Due to the diverse and evolving nature of the Fire Science & Climate Adaptation Department's work, establishing a single, comparable unit of measurement is not feasible. The department's initiatives span a range of activities, including weather monitoring, fire forecasting, and PSPS situational awareness tools. These efforts vary significantly based on wildfire risk levels, operational demands, and environmental conditions, making it impractical to quantify them under a standardized metric.																
O&M	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**Sub Total SITUATIONAL AWARENESS AND FORECASTING**				**Yes**																					
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	STAKEHOLDER COOPERATION & COMMUNITY ENGAGEMENT	Wildfire Involving SDG&E Equipment	Mylar Balloon Alternative	N/A	No	Program to develop a non-conductive balloon that will not cause an electrical fault when it comes in contact with overhead distribution power lines. One unit of measure would not accurately represent the program.																				
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	STAKEHOLDER COOPERATION & COMMUNITY ENGAGEMENT	Wildfire Involving SDG&E Equipment	PSPS Communication Practices	N/A	No	The diverse communication efforts in Wildfire and PSPS Marketing/Communications use varied tactics, each requiring different performance metrics. Because methods, variables, and reporting approaches differ across activities, no single unit of measurement can consistently quantify performance.																				
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	STAKEHOLDER COOPERATION & COMMUNITY ENGAGEMENT	Wildfire Involving SDG&E Equipment	WMP AFN Customer Support	N/A	No	This workpaper includes several initiatives aimed at reducing impacts, improving coordination and Medical Baseline and Access and Functional Needs (AFN) customer awareness during fires or PSPS events. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																				
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	STAKEHOLDER COOPERATION & COMMUNITY ENGAGEMENT	Wildfire Involving SDG&E Equipment	WMP Tribal Customer Support	N/A	No	This workpaper includes several initiatives aimed at reducing impacts, improving coordination and Tribal customer awareness during fires or PSPS events. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																				
O&M	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**Sub Total STAKEHOLDER COOPERATION & COMMUNITY ENGAGEMENT**				**Yes**																					

SDG&E WILDFIRE MITIGATION & VEGETATION MANAGEMENT O&M
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Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	VEGETATION MGMT & INSP	Wildfire Involving SDG&E Equipment	Fuels Management Program	Tier 2	No	Structures cleared	26				26	110				110	(84)	0	0	0	(84)	(76)%	0 %	0 %	0 %	(76)%
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	VEGETATION MGMT & INSP	Wildfire Involving SDG&E Equipment	Fuels Management Program	Tier 3	No	Structures cleared	121				121	440				440	(319)	0	0	0	(319)	(73)%	0 %	0 %	0 %	(73)%
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	VEGETATION MGMT & INSP	Wildfire Involving SDG&E Equipment	Pole Brushing	Non-HFTD	No	Poles brushed	4,126				4,126	3460				3,460	666	0	0	0	666	19 %	0 %	0 %	0 %	19 %
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	VEGETATION MGMT & INSP	Wildfire Involving SDG&E Equipment	Pole Brushing	Tier 2	No	Poles brushed	16,703				16,703	15788				15,788	915	0	0	0	915	6 %	0 %	0 %	0 %	6 %
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	VEGETATION MGMT & INSP	Wildfire Involving SDG&E Equipment	Pole Brushing	Tier 3	No	Poles brushed	15,671				15,671	14752				14,752	919	0	0	0	919	6 %	0 %	0 %	0 %	6 %
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	VEGETATION MGMT & INSP	Wildfire Involving SDG&E Equipment	Vegetation Restoration Initiative	N/A	No	Trees planted	9,401				9,401	10001				10,001	(599)	0	0	0	(599)	(6)%	0 %	0 %	0 %	(6)%
O&M	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal VEGETATION MGMT & INSP. - TREE TRIMMING ONLY**				**Yes**																					

SDG&E WILDFIRE MITIGATION & VEGETATION MANAGEMENT O&M
Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Safety, Reliability, or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status	Status Variance Explanation Required?
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	WILDFIRE MITIGATION & VEGETATION MANAGEMENT				Yes										
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	ASSET MANAGEMENT & INSPECTIONS	Wildfire Involving SDG&E Equipment	Dist Syst Inspect:CMP 5 Yr Detail Inspect	Tier 2	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	ASSET MANAGEMENT & INSPECTIONS	Wildfire Involving SDG&E Equipment	Dist Syst Inspect:CMP 5 Yr Detail Inspect	Tier 3	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	ASSET MANAGEMENT & INSPECTIONS	Wildfire Involving SDG&E Equipment	Dist System Inspect: CMP Annual Patrol	Tier 2	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	ASSET MANAGEMENT & INSPECTIONS	Wildfire Involving SDG&E Equipment	Dist System Inspect: CMP Annual Patrol	Tier 3	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	ASSET MANAGEMENT & INSPECTIONS	Wildfire Involving SDG&E Equipment	Dist System Inspection: Drone Inspections	Tier 3	No	YES	YES	NO	The 2024 spend was over authorized primarily due to ongoing repair work associated with Tier 2 HFTD drone inspections performed in 2021 and 2022. It was originally anticipated that repair work for Tier 2 drone inspections would be completed by the end of 2023 and both inspections and repairs were expected to be significantly reduced in 2024 and going forward. However, 2022 and 2023 repair work associated with Tier 2 HFTD drone inspections was shifted into 2024 and later due to identifying significantly more scope than anticipated, engineering delays, resource constraints and material shortages. In addition, repair work identified during the ongoing drone inspections performed in 2023 and 2024 was higher than forecasted.	N/A	On Target (T)	On Target (T)	Over (O)	Proceeding as Planned	NO
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	ASSET MANAGEMENT & INSPECTIONS	Wildfire Involving SDG&E Equipment	Dist System Inspection: HFTD Tier 3 Inspections	Tier 3	No	YES	NO	YES	N/A	HFTD Tier 3 inspections were discontinued in 2022 and replaced in 2023 with risk-informed drone inspections (RIDI). RIDI work is tracked under Dist System Inspection - Drone Inspections.	Under (U)	Under (U)	Under (U)	Canceled	NO

SDG&E WILDFIRE MITIGATION & VEGETATION MANAGEMENT O&M
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Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Safety, Reliability, or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status	Status Variance Explanation Required?
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	ASSET MANAGEMENT & INSPECTIONS	Wildfire Involving SDG&E Equipment	Dist System Inspection IR/Corona	Tier 2	No	YES	NO	YES	N/A	In 2024, SDG&E transitioned this program to a risk-informed approach in an effort to find efficiencies and optimize outcomes. In prior years, structures selected for this program were based on previously inspected structures to ensure no repeat inspections were performed in consecutive years and on subject matter experts' (SME) recommendations. SDG&E has found that this inspection program yielded only a 0.2% find rate. To optimize this program and make it more effective in 2024, the program targeted specific areas during peak load season and the structures were selected using a risk-informed strategy comprised of SDG&E's Asset 360 models, risk analytics models, and Intelligent Image Processing (IIP). This program will continue with the risk-informed approach in 2025, and inspections will be performed on 300 structures, as approved in its 2025 Wildfire Mitigation Plan (WMP) Update. SDG&E does not anticipate these changes will impact desired risk reduction.	Under (U)	Under (U)	Under (U)	Other	NO
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	ASSET MANAGEMENT & INSPECTIONS	Wildfire Involving SDG&E Equipment	Intrusive Pole	Tier 2	No	YES	NO	YES	N/A	The inspection targets for each year is based on a snapshot in time in SDG&E's work management system. Generally, SDG&E generates the target for this program by running a report in the work management system to identify wood poles that are due for inspection in the upcoming calendar year. However, that report inevitably changes almost daily with changes to the electric system. Poles can fall in and out of the inspection cycle for various reasons, including but not limited to the following: 1. Pole retired – removed from service 2. Pole replaced (e.g. due to third party damage, conversion to steel or other reason) 3. Pole received a special off-cycle inspection to support a Pole loading Calculation as required by GO 95, Rule 44.2	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	ASSET MANAGEMENT & INSPECTIONS	Wildfire Involving SDG&E Equipment	Intrusive Pole	Tier 3	No	YES	NO	YES	N/A	The inspection targets for each year is based on a snapshot in time in SDG&E's work management system. Generally, SDG&E generates the target for this program by running a report in the work management system to identify wood poles that are due for inspection in the upcoming calendar year. However, that report inevitably changes almost daily with changes to the electric system. Poles can fall in and out of the inspection cycle for various reasons, including but not limited to the following: 1. Pole retired – removed from service 2. Pole replaced (e.g. due to third party damage, conversion to steel or other reason) 3. Pole received a special off-cycle inspection to support a Pole loading Calculation as required by GO 95, Rule 44.2	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	ASSET MANAGEMENT & INSPECTIONS	Wildfire Involving SDG&E Equipment	LiDAR Flights	N/A	No	YES	NO	NO	N/A	N/A	Under (U)	Under (U)	Under (U)	Deferred	NO
O&M	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**Sub Total ASSET MANAGEMENT & INSPECTIONS**				Yes	**YES**	**YES**								**NO**
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	DATA GOVERNANCE	Wildfire Involving SDG&E Equipment	Data Governance	N/A	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**Sub Total DATA GOVERNANCE**				Yes	**YES**	**NO**								**NO**

SDG&E WILDFIRE MITIGATION & VEGETATION MANAGEMENT O&M
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Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Safety, Reliability, or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status	Status Variance Explanation Required?
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	EMERGENCY PLANNING & PREPAREDNESS	Wildfire Involving SDG&E Equipment	Emergency Management Operations	N/A	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal EMERGENCY PLANNING & PREPAREDNESS**				**Yes**	**YES**	**NO**								**NO**
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	GRID DESIGN & SYSTEM HARDENING	Wildfire Involving SDG&E Equipment	Advanced Protection	Tier 3	No	YES	NO	YES	N/A	O&M costs are typically forecasted based on historical expenditures. However, during the 2024 GRC application, no historical data was available for this project. While forecasted and authorized capital expenditures exist, the associated O&M costs were not initially projected, as no O&M spending was anticipated at the time of the 2024 GRC application. These costs are directly linked to the units worked on through capital charges, which ultimately drove the need for O&M activities.	Over (O)	Over (O)	Over (O)	Emergent	NO
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	GRID DESIGN & SYSTEM HARDENING	Wildfire Involving SDG&E Equipment	Avian Protection Program	OH Distribution	No	YES	NO	YES	N/A	O&M costs are typically forecasted based on historical expenditures. However, during the 2024 GRC application, no historical data was available for this project. While forecasted and authorized capital expenditures exist, the associated O&M costs were not initially projected, as no O&M spending was anticipated at the time of the 2024 GRC application. These costs are directly linked to the units worked on through capital charges, which ultimately drove the need for O&M activities.	Over (O)	Over (O)	Over (O)	Emergent	NO
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	GRID DESIGN & SYSTEM HARDENING	Wildfire Involving SDG&E Equipment	BLM Land Management	Newll	No	YES	NO	YES	N/A	The Bureau of Land Management (BLM) O&M Plan has been temporarily paused at the request of BLM staff, pending the completion of the O&M plans for Southern California Edison and Pacific Gas and Electric Company.	On Target (T)	On Target (T)	On Target (T)	Other	YES
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	GRID DESIGN & SYSTEM HARDENING	Wildfire Involving SDG&E Equipment	CNF Access Roads	None	No	YES	NO	NO	N/A	N/A	Over (O)	Over (O)	Over (O)	Other	NO
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	GRID DESIGN & SYSTEM HARDENING	Wildfire Involving SDG&E Equipment	CNF Land Management	N/A	No	YES	NO	YES	N/A	The issuance of the CNF Master Special Use Permit has been postponed and is scheduled to be processed in 2025.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	YES

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Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Safety, Reliability, or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status	Status Variance Explanation Required?
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	GRID DESIGN & SYSTEM HARDENING	Wildfire Involving SDG&E Equipment	EARLY FAULT DETECTION	None	No	YES	NO	YES	N/A	O&M costs are typically forecasted based on historical expenditures. However, during the 2024 GRC application, no historical data was available for this project. While forecasted and authorized capital expenditures exist, the associated O&M costs were not initially projected, as no O&M spending was anticipated at the time of the 2024 GRC application. These costs are directly linked to the units worked on through capital changes, which ultimately drove the need for O&M activities.	Over (O)	Over (O)	Over (O)	Emergent	NO
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	GRID DESIGN & SYSTEM HARDENING	Wildfire Involving SDG&E Equipment	Hotline Clamps	Tier 2	No	YES	NO	YES	N/A	The reduction in units is attributable to the company's decision to deviate from performing standalone hotline clamp jobs due to their higher cost. Instead, the company has opted to bundle asset replacement work at a single pole, which includes hotline clamp work. This bundled approach is classified as a capital expense. Capital costs are presented in WP 2-424.20.	Under (U)	Under (U)	Under (U)	Other	NO
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	GRID DESIGN & SYSTEM HARDENING	Wildfire Involving SDG&E Equipment	Hotline Clamps	Tier 3	No	YES	NO	YES	N/A	The reduction in units is attributable to the company's decision to deviate from performing standalone hotline clamp jobs due to their higher cost. Instead, the company has opted to bundle asset replacement work at a single pole, which includes hotline clamp work. This bundled approach is classified as a capital expense. Capital costs are presented in WP 2-424.20.	Under (U)	Under (U)	Under (U)	Other	NO
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	GRID DESIGN & SYSTEM HARDENING	Wildfire Involving SDG&E Equipment	LTE Communication Network	None	No	YES	NO	YES	N/A	O&M costs are typically forecasted based on historical expenditures. However, during the 2024 GRC application, no historical data was available for this project. While forecasted and authorized capital expenditures exist, the associated O&M costs were not initially projected, as no O&M spending was anticipated at the time of the 2024 GRC application. These costs are directly linked to the units worked on through capital changes, which ultimately drove the need for O&M activities.	Over (O)	Over (O)	Over (O)	Emergent	NO
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	GRID DESIGN & SYSTEM HARDENING	Wildfire Involving SDG&E Equipment	Microgrids	Tier 2	No	YES	NO	YES	N/A	The generator rental fleet has been reduced following the energization and commissioning of the Ramona Air Attack Base Microgrid, as well as the completion of strategic undergrounding initiatives to support Downtown Julian. Additionally, operational efficiencies have been identified in generator sizing, enabling more effective support for most ad hoc generator requests during a Public Safety Power Shutoff (PSPS).	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	GRID DESIGN & SYSTEM HARDENING	Wildfire Involving SDG&E Equipment	OH Dist Fire Hardening Bare Conductor	Non-HFTD	No	YES	NO	NO	N/A	N/A	Under (U)	Under (U)	Under (U)	Canceled	NO

SDG&E WILDFIRE MITIGATION & VEGETATION MANAGEMENT O&M
Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Safety, Reliability, or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status	Status Variance Explanation Required?
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	GRID DESIGN & SYSTEM HARDENING	Wildfire Involving SDG&E Equipment	OH Dist Fire Hardening Bare Conductor	Tier 2	No	YES	NO	YES	N/A	Reevaluated miles and shifted to Covered Conductor scope which has higher risk reduction to phase out Traditional Hardening (Bare Conductor).	Over (O)	On Target (T)	Over (O)	Proceeding as Planned	NO
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	GRID DESIGN & SYSTEM HARDENING	Wildfire Involving SDG&E Equipment	OH Dist Fire Hardening Bare Conductor	Tier 3	No	YES	NO	YES	N/A	Reevaluated miles and shifted to Covered Conductor scope which has higher risk reduction to phase out Traditional Hardening (Bare Conductor).	Over (O)	On Target (T)	Over (O)	Proceeding as Planned	NO
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	GRID DESIGN & SYSTEM HARDENING	Wildfire Involving SDG&E Equipment	OH Dist Fire Hardening Covered Cond	Tier 2	No	YES	NO	NO	N/A	N/A	Under (U)	Under (U)	Over (O)	Deferred	NO
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	GRID DESIGN & SYSTEM HARDENING	Wildfire Involving SDG&E Equipment	OH Dist Fire Hardening Covered Cond	Tier 3	No	YES	NO	YES	N/A	Less work was designed and issued to construction in Tier 3 than authorized in the 2024-2027 General Rate Case (GRC). The draft GRC decision was issued in late October and the final decision in late December of 2024, which was too late in the year to ramp-up Covered Conductor hardening work in Tier 3 due to challenges finalizing designs, acquiring land rights, permits, and materials.	Under (U)	Under (U)	Over (O)	Deferred	NO
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	GRID DESIGN & SYSTEM HARDENING	Wildfire Involving SDG&E Equipment	OH Trans Fire Hardening Dist Underbuild	Tier 2	No	YES	NO	YES	N/A	O&M costs are typically forecasted based on historical expenditures. However, during the 2024 GRC application, no historical data was available for this project. While forecasted and authorized capital expenditures exist, the associated O&M costs were not initially projected, as no O&M spending was anticipated at the time of the 2024 GRC application. These costs are directly linked to the units worked on through capital charges, which ultimately drive the need for O&M activities.	Over (O)	Over (O)	Over (O)	Emergent	NO
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	GRID DESIGN & SYSTEM HARDENING	Wildfire Involving SDG&E Equipment	Resiliency Assistance Programs	Tier 2	No	YES	NO	YES	N/A	The Resiliency Assistance Program is administered as a single, unified initiative that encompasses all customers residing within High Fire Threat Districts (HFTD), including both Tier 2 and Tier 3 areas. As part of its operational framework, the program does not currently distinguish participation based on tier classifications. Instead, all eligible customers within the designated HFTD regions are collectively included, and tracking or reporting between individual tiers is not performed.	Under (U)	Under (U)	Under (U)	Other	YES

SDG&E WILDFIRE MITIGATION & VEGETATION MANAGEMENT O&M
Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Safety, Reliability, or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status	Status Variance Explanation Required?
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	GRID DESIGN & SYSTEM HARDENING	Wildfire Involving SDG&E Equipment	Resiliency Assistance Programs	Tier 3	No	YES	NO	YES	N/A	This program has been designed and operated with the intent of providing backup power solutions to customers in high fire threat districts that have been historically identified as high risk for PSPS to mitigate the burden of electric outages. Initial projections based on historical PSPS data in 2021 allowed the program the opportunity to offer and provide backup power options to a large volume of customers in need. These projections were extended to annual forecasts through 2024 to estimate program costs based on the known trend at that time. In the following years, this program achieved significant adoption rates of customers participating in the program and achieving the anticipated result of making the SDG&E community more prepared. In addition to program success, the lower number of called PSPS events caused the amount of eligible customers to remain the same between 2021 and 2024, where it was originally estimated that the number of impacted customers would continue to grow. The program continues to evaluate customers in need to offer them the most effective backup power solution.	On Target (T)	On Target (T)	Under (U)	Proceeding as Planned	NO
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	GRID DESIGN & SYSTEM HARDENING	Wildfire Involving SDG&E Equipment	Resiliency Grant Programs	Tier 2	No	YES	YES	YES	This program has been designed and operated with the intent of providing backup power solutions to customers in high fire threat districts that have been historically identified as high risk for PSPS to mitigate the burden of electric outages. Initial projections based on historical PSPS data in 2021 allowed the program the opportunity to offer and provide backup power options to a large volume of customers in need. These projections were extended to annual forecasts through 2024 to estimate program costs based on the known trend at that time. In the following years, this program achieved significant adoption rates of customers participating in the program and achieving the anticipated result of making the SDG&E community more prepared. In addition to program success, the lower number of called PSPS events caused the amount of eligible customers to remain the same between 2021 and 2024, where it was originally estimated that the number of impacted customers would continue to grow. The program continues to evaluate customers in need to offer them the most effective backup power solution.	The Resiliency Grant Program is administered as a single, unified initiative that encompasses all customers residing within High Fire Threat Districts (HFTD), including both Tier 2 and Tier 3 areas. As part of its operational framework, the program does not currently distinguish participation based on tier classifications. Instead, all eligible customers within the designated HFTD regions are collectively included, and tracking or reporting between individual tiers is not performed.	Under (U)	Under (U)	Under (U)	Other	YES
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	GRID DESIGN & SYSTEM HARDENING	Wildfire Involving SDG&E Equipment	Resiliency Grant Programs	Tier 3	No	YES	NO	YES	N/A	This program has been designed and operated with the intent of providing backup power solutions to customers in high fire threat districts that have been historically identified as high risk for PSPS to mitigate the burden of electric outages. Initial projections based on historical PSPS data in 2021 allowed the program the opportunity to offer and provide backup power options to a large volume of customers in need. These projections were extended to annual forecasts through 2024 to estimate program costs based on the known trend at that time. In the following years, this program achieved significant adoption rates of customers participating in the program and achieving the anticipated result of making the SDG&E community more prepared. In addition to program success, the lower number of called PSPS events caused the amount of eligible customers to remain the same between 2021 and 2024, where it was originally estimated that the number of impacted customers would continue to grow. The program continues to evaluate customers in need to offer them the most effective backup power solution.	On Target (T)	On Target (T)	Under (U)	Proceeding as Planned	NO
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	GRID DESIGN & SYSTEM HARDENING	Wildfire Involving SDG&E Equipment	Standby Power Programs	Tier 3	No	YES	YES	YES	This program has been designed and operated with the intent of providing backup power solutions to customers in high fire threat districts that have been historically identified as high risk for PSPS to mitigate the burden of electric outages. Initial projections based on historical PSPS data in 2021 allowed the program the opportunity to offer and provide backup power options to a large volume of customers in need. These projections were extended to annual forecasts through 2024 to estimate program costs based on the known trend at that time. In the following years, this program achieved significant adoption rates of customers participating in the program and achieving the anticipated result of making the SDG&E community more prepared. In addition to program success, the lower number of called PSPS events caused the amount of eligible customers to remain the same between 2021 and 2024, where it was originally estimated that the number of impacted customers would continue to grow. The program continues to evaluate customers in need to offer them the most effective backup power solution.	This program has been designed and operated with the intent of providing backup power solutions to customers in high fire threat districts that have been historically identified as high risk for PSPS to mitigate the burden of electric outages. Initial projections based on historical PSPS data in 2021 allowed the program the opportunity to offer and provide backup power options to a large volume of customers in need. These projections were extended to annual forecasts through 2024 to estimate program costs based on the known trend at that time. In the following years, this program achieved significant adoption rates of customers participating in the program and achieving the anticipated result of making the SDG&E community more prepared. In addition to program success, the lower number of called PSPS events caused the amount of eligible customers to remain the same between 2021 and 2024, where it was originally estimated that the number of impacted customers would continue to grow. The program continues to evaluate customers in need to offer them the most effective backup power solution.	On Target (T)	On Target (T)	Under (U)	Proceeding as Planned	NO
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	GRID DESIGN & SYSTEM HARDENING	Wildfire Involving SDG&E Equipment	Strategic Pole Replacement Program (HFTD)	HFTD Tiers 2 & 3	No	YES	NO	YES	N/A	O&M costs are typically forecasted based on historical expenditures. However, during the 2024 GRC application, no historical data was available for this project. While forecasted and authorized capital expenditures exist, the associated O&M costs were not initially projected, as no O&M spending was anticipated at the time of the 2024 GRC application. These costs are directly linked to the units worked on through capital charges, which ultimately drove the need for O&M activities.	Over (O)	Over (O)	Over (O)	Emergent	NO

SDG&E WILDFIRE MITIGATION & VEGETATION MANAGEMENT O&M
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Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Safety, Reliability, or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status	Status Variance Explanation Required?
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	GRID DESIGN & SYSTEM HARDENING	Wildfire Involving SDG&E Equipment	Strategic Undergrounding	Tier 2	No	YES	NO	YES	N/A	Number of completed units were based on target of 125 miles for the year. The draft GRC decision was issued in late October and the final decision in late December, which was too late in the year to adjust the workplan.	On Target (T)	On Target (T)	Under (U)	Proceeding as Planned	NO
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	GRID DESIGN & SYSTEM HARDENING	Wildfire Involving SDG&E Equipment	Strategic Undergrounding	Tier 3	No	YES	NO	YES	N/A	Number of completed units were based on target of 125 miles for the year. The draft GRC decision was issued in late October and the final decision in late December, which was too late in the year to adjust the workplan.	On Target (T)	On Target (T)	Under (U)	Proceeding as Planned	NO
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	GRID DESIGN & SYSTEM HARDENING	Wildfire Involving SDG&E Equipment	Transmission System Inspection	None	No	YES	NO	YES	N/A	O&M costs are typically forecasted based on historical expenditures. However, during the 2024 GRC application, no historical data was available for this project. While forecasted and authorized capital expenditures exist, the associated O&M costs were not initially projected, as no O&M spending was anticipated at the time of the 2024 GRC application. These costs are directly linked to the units worked on through capital charges, which ultimately drive the need for O&M activities.	Over (O)	Over (O)	Over (O)	Emergent	NO
O&M	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**Sub Total GRID OPERATIONS & OPERATING PROTOCOLS**				**Yes**	**YES**	**YES**								**NO**
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	RESOURCE ALLOCATION METHODOLOGY	Wildfire Involving SDG&E Equipment	Wildfire Mitigation Personnel	None	No	YES	YES	NO	The underspend is primarily due to the PSPS Department not being established, leading to approximately 10 fewer full-time equivalent employees (FTEs). Additionally, analytics-related costs were reassigned to the Risk Assessment & Mapping mitigation, which has incurred $1.9 million in costs exceeding the authorized amount. Lastly, the independent PSPS study that was planned did not occur.	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	RESOURCE ALLOCATION METHODOLOGY	Wildfire Involving SDG&E Equipment	Asset Management	None	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	Over (O)	Other	NO
O&M	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**Sub Total RESOURCE ALLOCATION METHODOLOGY**				**Yes**	**YES**	**YES**								**NO**
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	RISK ASSESSMENT & MAPPING	Wildfire Involving SDG&E Equipment	Risk Assessment & Mapping	N/A	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**Sub Total RISK ASSESSMENT & MAPPING**				**Yes**	**YES**	**NO**								**NO**

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Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Safety, Reliability, or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status	Status Variance Explanation Required?
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	SITUATIONAL AWARENESS AND FORECASTING	Incident Involving an Employee	Wildfire Smoke Particulates	N/A	No	YES	NO	YES	N/A	The estimated number of smoke sensors maintained, as submitted in the GRC application, was erroneously overstated at 40 sensors. Maintaining 16 sensors per month, totaling 19.2 sensor maintenance actions annually (1.6 sensors × 12 months), aligns with the figures reported in SDG&E's WMP.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	SITUATIONAL AWARENESS AND FORECASTING	Wildfire Involving SDG&E Equipment	Fire Science and Climate Adaptation Department	N/A	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**Sub Total SITUATIONAL AWARENESS AND FORECASTING**				**Yes**	**YES**	**NO**								**NO**
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	STAKEHOLDER COOPERATION & COMMUNITY ENGAGEMENT	Wildfire Involving SDG&E Equipment	Mylar Balloon Alternative	N/A	No	YES	NO	NO	N/A	N/A	Under (U)	Under (U)	Under (U)	Canceled	NO
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	STAKEHOLDER COOPERATION & COMMUNITY ENGAGEMENT	Wildfire Involving SDG&E Equipment	PSPS Communication Practices	N/A	No	YES	YES	NO	Program costs have decreased as we now have an established library of advertising campaign assets (creative), reducing the need for additional spending in this area. Additionally, our media buy—including advertising time and space across broadcast and print media—has declined over the past few years, further contributing to cost reductions.	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	STAKEHOLDER COOPERATION & COMMUNITY ENGAGEMENT	Wildfire Involving SDG&E Equipment	WMP AIN Customer Support	N/A	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	STAKEHOLDER COOPERATION & COMMUNITY ENGAGEMENT	Wildfire Involving SDG&E Equipment	WMP Tribal Customer Support	N/A	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**Sub Total STAKEHOLDER COOPERATION & COMMUNITY ENGAGEMENT**				**Yes**	**YES**	**YES**								**NO**

SDG&E WILDFIRE MITIGATION & VEGETATION MANAGEMENT O&M
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Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Safety, Reliability, or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status	Status Variance Explanation Required?
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	VEGETATION MGMT & INSP	Wildfire Involving SDG&E Equipment	Fuels Management Program	Tier 2	No	YES	NO	YES	N/A	In 2024, as SDG&E awaited final decision in its GRC, it evaluated non-mandated, supplemental WMP initiatives to find cost efficiencies and consider affordability measures, which included Fuels Management. SDG&E made the decision to pause this program in part knowing that the remaining poles in the fuels management initiative would be addressed by other risk-reducing vegetation management measures such as pole brushing.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	VEGETATION MGMT & INSP	Wildfire Involving SDG&E Equipment	Fuels Management Program	Tier 3	No	YES	NO	YES	N/A	In 2024, as SDG&E awaited final decision in its GRC, it evaluated non-mandated, supplemental WMP initiatives to find cost efficiencies and consider affordability measures, which included Fuels Management. SDG&E made the decision to pause this program in part knowing that the remaining poles in the fuels management initiative would be addressed by other risk-reducing vegetation management measures such as pole brushing.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	VEGETATION MGMT & INSP	Wildfire Involving SDG&E Equipment	Pole Brushing	Non-HFTD	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	VEGETATION MGMT & INSP	Wildfire Involving SDG&E Equipment	Pole Brushing	Tier 2	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	VEGETATION MGMT & INSP	Wildfire Involving SDG&E Equipment	Pole Brushing	Tier 3	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	VEGETATION MGMT & INSP	Wildfire Involving SDG&E Equipment	Vegetation Restoration Initiative	N/A	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Other	NO
O&M	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal VEGETATION MGMT & INSP. - TREE TRIMMING ONLY**				Yes	**YES**	**YES**								**NO**

SDG&E WILDFIRE MITIGATION & VEGETATION MANAGEMENT O&M
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Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Status Variance Explanation	WP Activity Description	2024 GRC Testimony Location
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	WILDFIRE MITIGATION & VEGETATION MANAGEMENT				Yes			
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	ASSET MANAGEMENT & INSPECTIONS	Wildfire Involving SDG&E Equipment	Dist Syst InspectCMP 5 Yr Detail Inspect	Tier 2	No	N/A	This workpaper was included in the Asset Management and Inspections GRC category within the Wildfire Mitigation and Vegetation Management witness area. This workpaper can also be mapped to Tracking ID WMP-478 in the 2023 WMP filing. This cost category consists of SDG&E's asset management and inspection programs. The purpose of these programs is to promote safety for the general public, SDG&E personnel, and contractors by providing a safe operating and construction environment while maintaining system reliability. SDG& E's established inspection and maintenance programs enable SDG&E to identify and repair conditions and components to reduce the potential of equipment failure on SDG&E's electric system to minimize hazards and maintain system reliability. To accomplish this, SDG&E meets or exceeds the requirements of the inspections mandated by Public Resource Code Sections 4292 and 4293 as well as G.O. 95, G.O. 128, G.O. 165, and G.O. 174. The asset inspection programs contained within this workpaper are the HFTD inspections associated with drone inspections, detailed inspections, HFTD Tier 3 inspections, patrol inspections, intrusive wood pole inspections, LiDAR inspections, and infrared inspections.	SDG&E-13-2R-E JTW-5-4 to JTW-60 WP TWM004.000
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	ASSET MANAGEMENT & INSPECTIONS	Wildfire Involving SDG&E Equipment	Dist Syst InspectCMP 5 Yr Detail Inspect	Tier 3	No	N/A	This workpaper was included in the Asset Management and Inspections GRC category within the Wildfire Mitigation and Vegetation Management witness area. This workpaper can also be mapped to Tracking ID WMP-478 in the 2023 WMP filing. This cost category consists of SDG&E's asset management and inspection programs. The purpose of these programs is to promote safety for the general public, SDG&E personnel, and contractors by providing a safe operating and construction environment while maintaining system reliability. SDG& E's established inspection and maintenance programs enable SDG&E to identify and repair conditions and components to reduce the potential of equipment failure on SDG&E's electric system to minimize hazards and maintain system reliability. To accomplish this, SDG&E meets or exceeds the requirements of the inspections mandated by Public Resource Code Sections 4292 and 4293 as well as G.O. 95, G.O. 128, G.O. 165, and G.O. 174. The asset inspection programs contained within this workpaper are the HFTD inspections associated with drone inspections, detailed inspections, HFTD Tier 3 inspections, patrol inspections, intrusive wood pole inspections, LiDAR inspections, and infrared inspections.	SDG&E-13-2R-E JTW-5-4 to JTW-60 WP TWM004.000
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	ASSET MANAGEMENT & INSPECTIONS	Wildfire Involving SDG&E Equipment	Dist System Inspect CMP Annual Patrol	Tier 2	No	N/A	This workpaper was included in the Asset Management and Inspections GRC category within the Wildfire Mitigation and Vegetation Management witness area. This workpaper can also be mapped to Tracking ID WMP-488 in the 2023 WMP filing. This cost category consists of SDG&E's asset management and inspection programs. The purpose of these programs is to promote safety for the general public, SDG&E personnel, and contractors by providing a safe operating and construction environment while maintaining system reliability. SDG& E's established inspection and maintenance programs enable SDG&E to identify and repair conditions and components to reduce the potential of equipment failure on SDG&E's electric system to minimize hazards and maintain system reliability. To accomplish this, SDG&E meets or exceeds the requirements of the inspections mandated by Public Resource Code Sections 4292 and 4293 as well as G.O. 95, G.O. 128, G.O. 165, and G.O. 174. The asset inspection programs contained within this workpaper are the HFTD inspections associated with drone inspections, detailed inspections, HFTD Tier 3 inspections, patrol inspections, intrusive wood pole inspections, LiDAR inspections, and infrared inspections.	SDG&E-13-2R-E JTW-5-4 to JTW-60 WP TWM004.000
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	ASSET MANAGEMENT & INSPECTIONS	Wildfire Involving SDG&E Equipment	Dist System Inspect CMP Annual Patrol	Tier 3	No	N/A	This workpaper was included in the Asset Management and Inspections GRC category within the Wildfire Mitigation and Vegetation Management witness area. This workpaper can also be mapped to Tracking ID WMP-488 in the 2023 WMP filing. This cost category consists of SDG&E's asset management and inspection programs. The purpose of these programs is to promote safety for the general public, SDG&E personnel, and contractors by providing a safe operating and construction environment while maintaining system reliability. SDG& E's established inspection and maintenance programs enable SDG&E to identify and repair conditions and components to reduce the potential of equipment failure on SDG&E's electric system to minimize hazards and maintain system reliability. To accomplish this, SDG&E meets or exceeds the requirements of the inspections mandated by Public Resource Code Sections 4292 and 4293 as well as G.O. 95, G.O. 128, G.O. 165, and G.O. 174. The asset inspection programs contained within this workpaper are the HFTD inspections associated with drone inspections, detailed inspections, HFTD Tier 3 inspections, patrol inspections, intrusive wood pole inspections, LiDAR inspections, and infrared inspections.	SDG&E-13-2R-E JTW-5-4 to JTW-60 WP TWM004.000
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	ASSET MANAGEMENT & INSPECTIONS	Wildfire Involving SDG&E Equipment	Dist System Inspection Drone Inspections	Tier 3	No	N/A	This workpaper was included in the Asset Management and Inspections GRC category within the Wildfire Mitigation and Vegetation Management witness area. This workpaper can also be mapped to Tracking ID WMP-483 in the 2023 WMP filing. This cost category consists of SDG&E's asset management and inspection programs. The purpose of these programs is to promote safety for the general public, SDG&E personnel, and contractors by providing a safe operating and construction environment while maintaining system reliability. SDG& E's established inspection and maintenance programs enable SDG&E to identify and repair conditions and components to reduce the potential of equipment failure on SDG&E's electric system to minimize hazards and maintain system reliability. To accomplish this, SDG&E meets or exceeds the requirements of the inspections mandated by Public Resource Code Sections 4292 and 4293 as well as G.O. 95, G.O. 128, G.O. 165, and G.O. 174. The asset inspection programs contained within this workpaper are the HFTD inspections associated with drone inspections, detailed inspections, HFTD Tier 3 inspections, patrol inspections, intrusive wood pole inspections, LiDAR inspections, and infrared inspections.	SDG&E-13-2R-E JTW-5-4 to JTW-60 WP TWM004.000
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	ASSET MANAGEMENT & INSPECTIONS	Wildfire Involving SDG&E Equipment	Dist System Inspection HFTD Tier 3 Inspections	Tier 3	No	N/A	This workpaper was included in the Asset Management and Inspections GRC category within the Wildfire Mitigation and Vegetation Management witness area. This workpaper can also be mapped to Tracking ID WMP-483 in the 2023 WMP filing. This cost category consists of SDG&E's asset management and inspection programs. The purpose of these programs is to promote safety for the general public, SDG&E personnel, and contractors by providing a safe operating and construction environment while maintaining system reliability. SDG& E's established inspection and maintenance programs enable SDG&E to identify and repair conditions and components to reduce the potential of equipment failure on SDG&E's electric system to minimize hazards and maintain system reliability. To accomplish this, SDG&E meets or exceeds the requirements of the inspections mandated by Public Resource Code Sections 4292 and 4293 as well as G.O. 95, G.O. 128, G.O. 165, and G.O. 174. The asset inspection programs contained within this workpaper are the HFTD inspections associated with drone inspections, detailed inspections, HFTD Tier 3 inspections, patrol inspections, intrusive wood pole inspections, LiDAR inspections, and infrared inspections.	SDG&E-13-2R-E JTW-5-4 to JTW-60 WP TWM004.000

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Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Status Variance Explanation	WP Activity Description	2024 GRC Testimony Location
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	ASSET MANAGEMENT & INSPECTIONS	Wildfire Involving SDG&E Equipment	Dist System Inspection IR/Corona	Tier 2	No	In 2024, SDG&E transitioned this program to a risk-informed approach to improve efficiency and outcomes. Previously, structures were selected based on past inspections and SME recommendations, but the program's 0.2% find rate highlighted its limited effectiveness. To enhance impact, SDG&E now targets specific areas during peak load seasons using Asset 360 models, risk analytics, and Intelligent Image Processing (IIP). The program is set to continue with this approach in 2025, focusing on 300 structures as outlined in the 2025 WMP Update. However, due to its historically low find rate, there is a possibility the program may be discontinued in the future if risk reduction goals are better met through alternative strategies.	This workpaper was included in the Asset Management and Inspections GRC category within the Wildfire Mitigation and Vegetation Management witness area. This workpaper can also be mapped to Tracking ID WMP-483 in the 2023 WMP filing. This cost category consists of SDG&E's asset management and inspection programs. The purpose of these programs is to promote safety for the general public, SDG&E personnel, and contractors by providing a safe operating and construction environment while maintaining system reliability. SDG& E's established inspection and maintenance programs enable SDG&E to identify and repair conditions and components to reduce the potential of equipment failure on SDG&E's electric system to minimize hazards and maintain system reliability. To accomplish this, SDG&E meets or exceeds the requirements of the inspections mandated by Public Resource Code Sections 4292 and 4293 as well as G.O. 95, G.O. 128, G.O. 165, and G.O. 174. The asset inspection programs contained within this workpaper are the HFTD inspections associated with drone inspections, detailed inspections, HFTD Tier 3 inspections, patrol inspections, intrusive wood pole inspections, LiDAR inspections, and infrared inspections.	SDG&E-13-2R-E ITW-54 to ITW-60 WP IWM004.000
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	ASSET MANAGEMENT & INSPECTIONS	Wildfire Involving SDG&E Equipment	Intrusive Pole	Tier 2	No	N/A	This workpaper was included in the Asset Management and Inspections GRC category within the Wildfire Mitigation and Vegetation Management witness area. This workpaper can also be mapped to Tracking ID WMP-483 in the 2023 WMP filing. This cost category consists of SDG&E's asset management and inspection programs. The purpose of these programs is to promote safety for the general public, SDG&E personnel, and contractors by providing a safe operating and construction environment while maintaining system reliability. SDG& E's established inspection and maintenance programs enable SDG&E to identify and repair conditions and components to reduce the potential of equipment failure on SDG&E's electric system to minimize hazards and maintain system reliability. To accomplish this, SDG&E meets or exceeds the requirements of the inspections mandated by Public Resource Code Sections 4292 and 4293 as well as G.O. 95, G.O. 128, G.O. 165, and G.O. 174. The asset inspection programs contained within this workpaper are the HFTD inspections associated with drone inspections, detailed inspections, HFTD Tier 3 inspections, patrol inspections, intrusive wood pole inspections, LiDAR inspections, and infrared inspections.	SDG&E-13-2R-E ITW-54 to ITW-60 WP IWM004.000
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	ASSET MANAGEMENT & INSPECTIONS	Wildfire Involving SDG&E Equipment	Intrusive Pole	Tier 3	No	N/A	This workpaper was included in the Asset Management and Inspections GRC category within the Wildfire Mitigation and Vegetation Management witness area. This workpaper can also be mapped to Tracking ID WMP-483 in the 2023 WMP filing. This cost category consists of SDG&E's asset management and inspection programs. The purpose of these programs is to promote safety for the general public, SDG&E personnel, and contractors by providing a safe operating and construction environment while maintaining system reliability. SDG& E's established inspection and maintenance programs enable SDG&E to identify and repair conditions and components to reduce the potential of equipment failure on SDG&E's electric system to minimize hazards and maintain system reliability. To accomplish this, SDG&E meets or exceeds the requirements of the inspections mandated by Public Resource Code Sections 4292 and 4293 as well as G.O. 95, G.O. 128, G.O. 165, and G.O. 174. The asset inspection programs contained within this workpaper are the HFTD inspections associated with drone inspections, detailed inspections, HFTD Tier 3 inspections, patrol inspections, intrusive wood pole inspections, LiDAR inspections, and infrared inspections.	SDG&E-13-2R-E ITW-54 to ITW-60 WP IWM004.000
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	ASSET MANAGEMENT & INSPECTIONS	Wildfire Involving SDG&E Equipment	LiDAR Flights	N/A	No	N/A	This workpaper was included in the Asset Management and Inspections GRC category within the Wildfire Mitigation and Vegetation Management witness area. This cost category consists of SDG&E's asset management and inspection programs. The purpose of these programs is to promote safety for the general public, SDG&E personnel, and contractors by providing a safe operating and construction environment while maintaining system reliability. SDG& E's established inspection and maintenance programs enable SDG&E to identify and repair conditions and components to reduce the potential of equipment failure on SDG&E's electric system to minimize hazards and maintain system reliability. To accomplish this, SDG&E meets or exceeds the requirements of the inspections mandated by Public Resource Code Sections 4292 and 4293 as well as G.O. 95, G.O. 128, G.O. 165, and G.O. 174. The asset inspection programs contained within this workpaper are the HFTD inspections associated with drone inspections, detailed inspections, HFTD Tier 3 inspections, patrol inspections, intrusive wood pole inspections, LiDAR inspections, and infrared inspections.	SDG&E-13-2R-E ITW-54 to ITW-60 WP IWM004.000
O&M	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**Sub Total ASSET MANAGEMENT & INSPECTIONS**				**Yes**			
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	DATA GOVERNANCE	Wildfire Involving SDG&E Equipment	Data Governance	N/A	No	N/A	This workpaper was included in the Data Governance GRC category within the Wildfire Mitigation and Vegetation Management witness area. This workpaper can also be mapped to Tracking ID WMP-519 in the 2023 WMP filing. Data Governance includes costs for centralization of data, WMP metrics, data repository, and documentation of models. Initially, SDG&E almost exclusively collected data metrics and measures manually. To enhance data quality and improve the efficiency of the data gathering process, SDG&E began developing a WMP Data Governance Framework (DGF) and an automated Central Data Repository (CDR) for wildfire-related data, which can be used by multiple internal and external stakeholders in the future. These changes will improve data collection by moving away from manual collection to a more uniform, electronic format that will provide data metrics in a searchable format, similar to a GIS data structure. The DGF will define a set of repeatable standards, policies, processes and controls for wildfire- related data. Similar to the Wildfire Safety Division's GIS Data Standards, the vision of SDG&E's DGF is to make its wildfire-related data actionable, accessible, aligned, and auditable. In 2020, SDG&E began centralizing its measures and metrics put forth in Wildfire Mitigation Plans in a central repository to gain insight and assess progress on programs and initiatives.	SDG&E-13-2R-E ITW-54 to ITW-85 WP IWM007.002
O&M	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**Sub Total DATA GOVERNANCE**				**Yes**			

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O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	EMERGENCY PLANNING & PREPAREDNESS	Wildfire Involving SDG&E Equipment	Emergency Management Operations	N/A	No	N/A	This workpaper was included in the Emergency Planning and Preparedness GRC category within the Wildfire Mitigation and Vegetation Management witness area. This workpaper can also be mapped to Tracking ID WMP_1 008 in the 2023 WMP filing. The mission of the SDG&E Emergency Management department is to coordinate safe and effective emergency preparedness for the Company, the public, and emergency response personnel. That mission extends to safely and efficiently preparing for, responding to, and recovering from all threats and hazards through strategic planning, training and exercising, and a sustained Quality Assurance and Improvement process. The Emergency Planning & Preparedness cost category comprises of five divisions: (1) Emergency Services Division, (2) Operational Field and Emergency Readiness, (3) Aviation Services, (4) Training and Exercise, and (5) Emergency Management Technology Solutions.	SDG&E-13-2R-E JTW-30 to JTW-43 WP 1WMA001.000
O&M	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal EMERGENCY PLANNING & PREPAREDNESS**				**Yes**			
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	GRID DESIGN & SYSTEM HARDENING	Wildfire Involving SDG&E Equipment	Advanced Protection	Tier 3	No	N/A	The O&M activities support the capital workpaper included in the Grid Design and System Hardening GRC category within the Wildfire Mitigation and Vegetation Management witness area. This workpaper can also be mapped to Tracking ID WMP-463 and WMP_1 195 in the 2023 WMP filing. The purpose of this project is to replace aging circuit breakers and/or obsolete electromechanical relays and to create a more comprehensive protection system with installation of Distribution Supervisory Control and Data Acquisition (SCADA). Substation improvements include the following: • Reconfiguration of 12kV circuit breaker and relays to meet reliability and safety standards. • Installation of Distribution SCADA. • Installation of new transformer bank relays. • Installation of new 12kV Bus Differential relays. • Installation of microprocessor feeder relays. Advanced Protection devices to enhance feeder protection, reduce fire risk, and enable opportunities include: • Falling conductor logic • Downed conductor detection (DCD) • Arc sensing technology (AST) • Advanced SGT ripple counting (adaptive set-point) • Remote event retrieval • Remote setting changes	SDG&E-13-2R-E JTW-1 19 to JTW-121 CWP 1 525 90
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	GRID DESIGN & SYSTEM HARDENING	Wildfire Involving SDG&E Equipment	Avian Protection Program	OH Distribution	No	N/A	The O&M activities support the capital workpaper included in the Grid Design and System Hardening GRC category within the Wildfire Mitigation and Vegetation Management witness area. This workpaper can also be mapped to Tracking ID WMP-972 in the 2023 WMP filing. Lightning arrestors are installed on the distribution system throughout the service territory to protect electric power equipment from exceeding thermal insulation ratings in the event of surge voltages due to lightning strikes or other faults. The lightning arrestor enables a surge in the current to be diverted through the arrestor to a ground terminal and protect the insulation and conductors on the distribution system. The lightning arrestor replacement program utilizes new technology to reduce the risk of equipment-related failures and ignitions. Through this process, a new lightning arrestor standard product was introduced that received CAL FIRE approval. The purpose of this project is to replace outdated lightning arrestors with the CAL FIRE-approved lightning arrestors. Embedded within this budget code is also work related to avian protection. SDG&E will bundle these types of jobs together to avoid revisiting the same pole and causing multiple planned outages for customers. The avian protection program seeks to install avian protection equipment or otherwise rearrange distribution poles to prevent avian contact with energized conductor. This is in compliance with the Migratory Bird Treaty Act, Bald and Golden Eagle Protection Act, and codes defined by the California Department of Fish and Game. This will hardenthe system, reducing the risk of ignition associated with avian contact, improve reliability, and align with Avian Power Line Interaction Committee (APLIC) Guidelines.	SDG&E-13-2R-E JTW-122 to JTW-124 CWP 202820
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	GRID DESIGN & SYSTEM HARDENING	Wildfire Involving SDG&E Equipment	BLM Land Management	New01	No	The Bureau of Land Management (BLM) O&M Plan has been temporarily paused at the request of BLM staff, pending the completion of the O&M plans for Southern California Edison and Pacific Gas and Electric Company.	This workpaper was included in the Grid Design and System Hardening GRC category within the Wildfire Mitigation and Vegetation Management witness area. SDG&E's grid hardening programs are a set of initiatives that address the goal of reducing wildfires caused by utility equipment and minimizing the impacts to customers from mitigations such as PSPS. SDG&E has a number of initiatives including covered conductor and strategic undergrounding that reduce risk events on utility equipment, reducing the opportunities for ignition. SDG&E has a number of protection and equipment programs such as advanced protection, the expulsion fuse replacement program, and the lightning arrestor program. These programs reduce the chance that a risk event results in an ignition by utilizing protection settings and/or equipment that address a specific failure mode known to lead to ignition. Finally, SDG&E has a number of programs with the purpose of reducing PSPS impacts to customers including the PSPS sectionalizing program, microgrid and generator programs, as well as strategic undergrounding. The impacts of these programs are measured in the number of customers who will have reduced impacts from PSPS events assuming weather conditions similar to previous events. The costs represented are the O&M costs associated with the capital grid hardening programs, and the costs associated with the fully O&M programs such as the generator programs.	SDG&E-13-2R-E JTW-43 to JTW-54 WP 1WMA013.000
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	GRID DESIGN & SYSTEM HARDENING	Wildfire Involving SDG&E Equipment	CNF Access Roads	None	No	The costs associated with this program are trailing expenses and are not anticipated to recur in future years. The program was originally planned for completion before 2024.	This workpaper was included in the Grid Design and System Hardening GRC category within the Wildfire Mitigation and Vegetation Management witness area. This workpaper can also be mapped to Tracking ID WMP_1 017 in the 2023 WMP filing. SDG&E's grid hardening programs are a set of initiatives that address the goal of reducing wildfires caused by utility equipment and minimizing the impacts to customers from mitigations such as PSPS. SDG&E has a number of initiatives including covered conductor and strategic undergrounding that reduce risk events on utility equipment, reducing the opportunities for ignition. SDG&E has a number of protection and equipment programs such as advanced protection, the expulsion fuse replacement program, and the lightning arrestor program. These programs reduce the chance that a risk event results in an ignition by utilizing protection settings and/or equipment that address a specific failure mode known to lead to ignition. Finally, SDG&E has a number of programs with the purpose of reducing PSPS impacts to customers including the PSPS sectionalizing program, microgrid and generator programs, as well as strategic undergrounding. The impacts of these programs are measured in the number of customers who will have reduced impacts from PSPS events assuming weather conditions similar to previous events. The costs represented are the O&M costs associated with the capital grid hardening programs, and the costs associated with the fully O&M programs such as the generator programs.	SDG&E-13-2R-E JTW-43 to JTW-54 WP 1WMA013.000
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	GRID DESIGN & SYSTEM HARDENING	Wildfire Involving SDG&E Equipment	CNF Land Management	N/A	No	The issuance of the CNF Master Special Use Permit has been postponed and is scheduled to be processed in 2025.	This workpaper was included in the Grid Design and System Hardening GRC category within the Wildfire Mitigation and Vegetation Management witness area. SDG&E's grid hardening programs are a set of initiatives that address the goal of reducing wildfires caused by utility equipment and minimizing the impacts to customers from mitigations such as PSPS. SDG&E has a number of initiatives including covered conductor and strategic undergrounding that reduce risk events on utility equipment, reducing the opportunities for ignition. SDG&E has a number of protection and equipment programs such as advanced protection, the expulsion fuse replacement program, and the lightning arrestor program. These programs reduce the chance that a risk event results in an ignition by utilizing protection settings and/or equipment that address a specific failure mode known to lead to ignition. Finally, SDG&E has a number of programs with the purpose of reducing PSPS impacts to customers including the PSPS sectionalizing program, microgrid and generator programs, as well as strategic undergrounding. The impacts of these programs are measured in the number of customers who will have reduced impacts from PSPS events assuming weather conditions similar to previous events. The costs represented are the O&M costs associated with the capital grid hardening programs, and the costs associated with the fully O&M programs such as the generator programs.	SDG&E-13-2R-E JTW-43 to JTW-54 WP 1WMA013.000

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O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	GRID DESIGN & SYSTEM HARDENING	Wildfire Involving SDG&E Equipment	EARLY FAULT DETECTION	None	No	N/A	This mitigation can be mapped to Tracking ID WMP_1195 in the 2023 WMP filing. The O&M activities support the Early Fault Detection capital project, which will deploy Power Quality Meters and advanced Radio Frequency (RF) Sensors in SDG&E electric substations and electric distribution circuits within the High Fire Threat District, to enable the collection of time-series analog data used to detect incipient failures of electrical equipment and locate that failing equipment before it can cause significant damage.	SDG&E-13-2R-E ITW-119 to ITW-121 CWP 152190
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	GRID DESIGN & SYSTEM HARDENING	Wildfire Involving SDG&E Equipment	Hotline Clamps	Tier 2	No	The company has shifted away from standalone hotline clamp jobs due to their higher cost. Instead, the company has opted to bundle asset replacement work at a single pole, which includes hotline clamp work. This bundled approach is classified as a capital expense. Capital costs are presented in emergent CWP 242420. The work is classified as O&M if the hotline clamp is the only High-Volume asset being replaced on that structure.	This workpaper was included in the Grid Design and System Hardening GRC category within the Wildfire Mitigation and Vegetation Management witness area. This workpaper can also be mapped to Tracking ID WMP 464 in the 2023 WMP filing. SDG&E's grid hardening programs are a set of initiatives that address the goal of reducing wildfires caused by utility equipment and minimizing the impacts to customers from mitigations such as PSPS. SDG&E has a number of initiatives including covered conductor and strategic undergrounding that reduce risk events on utility equipment, reducing the opportunities for ignition. SDG&E has a number of protection and equipment programs such as advanced protection, the expulsion fuse replacement program, and the lightning arrestor program. These programs reduce the chance that a risk event results in an ignition by utilizing protection settings and/or equipment that address a specific failure mode known to lead to ignition. Finally, SDG&E has a number of programs with the purpose of reducing PSPS impacts to customers including the PSPS sectionalizing program, microgrid and generator programs, as well as strategic undergrounding. The impacts of these programs are measured in the number of customers who will have reduced impacts from PSPS events assuming weather conditions similar to previous events. The costs represented are the O&M costs associated with the capital grid hardening programs, and the costs associated with the fully O&M programs such as the generator programs.	SDG&E-13-2R-E ITW-48 to ITW-54 WP 1WM003.000
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	GRID DESIGN & SYSTEM HARDENING	Wildfire Involving SDG&E Equipment	Hotline Clamps	Tier 3	No	The company has shifted away from standalone hotline clamp jobs due to their higher cost. Instead, the company has opted to bundle asset replacement work at a single pole, which includes hotline clamp work. This bundled approach is classified as a capital expense. Capital costs are presented in emergent CWP 242420. The work is classified as O&M if the hotline clamp is the only High-Volume asset being replaced on that structure.	This workpaper was included in the Grid Design and System Hardening GRC category within the Wildfire Mitigation and Vegetation Management witness area. This workpaper can also be mapped to Tracking ID WMP 464 in the 2023 WMP filing. SDG&E's grid hardening programs are a set of initiatives that address the goal of reducing wildfires caused by utility equipment and minimizing the impacts to customers from mitigations such as PSPS. SDG&E has a number of initiatives including covered conductor and strategic undergrounding that reduce risk events on utility equipment, reducing the opportunities for ignition. SDG&E has a number of protection and equipment programs such as advanced protection, the expulsion fuse replacement program, and the lightning arrestor program. These programs reduce the chance that a risk event results in an ignition by utilizing protection settings and/or equipment that address a specific failure mode known to lead to ignition. Finally, SDG&E has a number of programs with the purpose of reducing PSPS impacts to customers including the PSPS sectionalizing program, microgrid and generator programs, as well as strategic undergrounding. The impacts of these programs are measured in the number of customers who will have reduced impacts from PSPS events assuming weather conditions similar to previous events. The costs represented are the O&M costs associated with the capital grid hardening programs, and the costs associated with the fully O&M programs such as the generator programs.	SDG&E-13-2R-E ITW-48 to ITW-54 WP 1WM003.000
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	GRID DESIGN & SYSTEM HARDENING	Wildfire Involving SDG&E Equipment	LTE Communication Network	None	No	N/A	The O&M activities support the capital workpaper included in the Grid Design and System Hardening GRC category within the Wildfire Mitigation and Vegetation Management witness area. This workpaper can also be mapped to Tracking ID WMP_549 in the 2023 WMP filing. Existing wireless communications infrastructure is increasingly inadequate to meet the demand for greater volumes of data at high speed. Expanding the existing systems can provide coverage over a larger area but cannot meet the demand for high volume low latency data and control. To address this, SDG&E is implementing a private broadband wireless digital communications network. SDG&E is deploying a privately-owned LTE network using licensed radio frequency (RF) spectrum by means of the Distribution Communications Reliability Improvements (DCRI) program. This will enhance the overall reliability of SDG&E's communication network, which is critical for enabling fire prevention and public safety programs. SDG&E's communication network is foundational to many initiatives that demand reliable communication. The ability to reliably enable and disable sensitive settings, enable or disable reclosing, or even remotely operating a switch during a high-risk weather event demands reliable communication that the LTE network will provide. SDG&E's Falling Conductor Protection in particular relies on a robust communications network to operate successfully and falling conductor circuits will continue to be enabled as SDG&E's communication network comes online.	SDG&E-13-2R-E ITW-112 to ITW-114 CWP 198730
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	GRID DESIGN & SYSTEM HARDENING	Wildfire Involving SDG&E Equipment	Microgrids	Tier 2	No	N/A	This workpaper was included in the Grid Design and System Hardening GRC category within the Wildfire Mitigation and Vegetation Management witness area. This workpaper can also be mapped to Tracking ID WMP 462 in the 2023 WMP filing. SDG&E's grid hardening programs are a set of initiatives that address the goal of reducing wildfires caused by utility equipment and minimizing the impacts to customers from mitigations such as PSPS. SDG&E has a number of initiatives including covered conductor and strategic undergrounding that reduce risk events on utility equipment, reducing the opportunities for ignition. SDG&E has a number of protection and equipment programs such as advanced protection, the expulsion fuse replacement program, and the lightning arrestor program. These programs reduce the chance that a risk event results in an ignition by utilizing protection settings and/or equipment that address a specific failure mode known to lead to ignition. Finally, SDG&E has a number of programs with the purpose of reducing PSPS impacts to customers including the PSPS sectionalizing program, microgrid and generator programs, as well as strategic undergrounding. The impacts of these programs are measured in the number of customers who will have reduced impacts from PSPS events assuming weather conditions similar to previous events. The costs represented are the O&M costs associated with the capital grid hardening programs, and the costs associated with the fully O&M programs such as the generator programs.	SDG&E-13-2R-E ITW-48 to ITW-54 WP 1WM003.000
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	GRID DESIGN & SYSTEM HARDENING	Wildfire Involving SDG&E Equipment	OH Dist Fire Hardening Bare Conductor	Non-HFTD	No	N/A	This workpaper was included in the Grid Design and System Hardening GRC category within the Wildfire Mitigation and Vegetation Management witness area. This workpaper can also be mapped to Tracking ID WMP 475 in the 2023 WMP filing. SDG&E's grid hardening programs are a set of initiatives that address the goal of reducing wildfires caused by utility equipment and minimizing the impacts to customers from mitigations such as PSPS. SDG&E has a number of initiatives including covered conductor and strategic undergrounding that reduce risk events on utility equipment, reducing the opportunities for ignition. SDG&E has a number of protection and equipment programs such as advanced protection, the expulsion fuse replacement program, and the lightning arrestor program. These programs reduce the chance that a risk event results in an ignition by utilizing protection settings and/or equipment that address a specific failure mode known to lead to ignition. Finally, SDG&E has a number of programs with the purpose of reducing PSPS impacts to customers including the PSPS sectionalizing program, microgrid and generator programs, as well as strategic undergrounding. The impacts of these programs are measured in the number of customers who will have reduced impacts from PSPS events assuming weather conditions similar to previous events. The costs represented are the O&M costs associated with the capital grid hardening programs, and the costs associated with the fully O&M programs such as the generator programs.	SDG&E-13-2R-E ITW-48 to ITW-54 WP 1WM003.000

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Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Status Variance Explanation	WP Activity Description	2024 GRC Testimony Location
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	GRID DESIGN & SYSTEM HARDENING	Wildfire Involving SDG&E Equipment	OH Dist Fire Hardening Bare Conductor	Tier 2	No	N/A	This workpaper was included in the Grid Design and System Hardening GRC category within the Wildfire Mitigation and Vegetation Management witness area. This workpaper can also be mapped to Tracking ID WMP-475 in the 2023 WMP filing. SDG&E's grid hardening programs are a set of initiatives that address the goal of reducing wildfires caused by utility equipment and minimizing the impacts to customers from mitigations such as PSPS. SDG&E has a number of initiatives including covered conductor and strategic undergrounding that reduce risk events on utility equipment, reducing the opportunities for ignition. SDG&E has a number of protection and equipment programs such as advanced protection, the expulsion fuse replacement program, and the lightning arrestor program. These programs reduce the chance that a risk event results in an ignition by utilizing protection settings and/or equipment that address a specific failure mode known to lead to ignition. Finally, SDG&E has a number of programs with the purpose of reducing PSPS impacts to customers including the PSPS sectionalizing program, microgrid and generator programs, as well as strategic undergrounding. The impacts of these programs are measured in the number of customers who will have reduced impacts from PSPS events assuming weather conditions similar to previous events. The costs represented are the O&M costs associated with the capital grid hardening programs, and the costs associated with the fully O&M programs such as the generator programs.	SDG&E-13-2R-E JTW-48 to JTW-54 WP 1WM003.000
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	GRID DESIGN & SYSTEM HARDENING	Wildfire Involving SDG&E Equipment	OH Dist Fire Hardening Bare Conductor	Tier 3	No	N/A	This workpaper was included in the Grid Design and System Hardening GRC category within the Wildfire Mitigation and Vegetation Management witness area. This workpaper can also be mapped to Tracking ID WMP-475 in the 2023 WMP filing. SDG&E's grid hardening programs are a set of initiatives that address the goal of reducing wildfires caused by utility equipment and minimizing the impacts to customers from mitigations such as PSPS. SDG&E has a number of initiatives including covered conductor and strategic undergrounding that reduce risk events on utility equipment, reducing the opportunities for ignition. SDG&E has a number of protection and equipment programs such as advanced protection, the expulsion fuse replacement program, and the lightning arrestor program. These programs reduce the chance that a risk event results in an ignition by utilizing protection settings and/or equipment that address a specific failure mode known to lead to ignition. Finally, SDG&E has a number of programs with the purpose of reducing PSPS impacts to customers including the PSPS sectionalizing program, microgrid and generator programs, as well as strategic undergrounding. The impacts of these programs are measured in the number of customers who will have reduced impacts from PSPS events assuming weather conditions similar to previous events. The costs represented are the O&M costs associated with the capital grid hardening programs, and the costs associated with the fully O&M programs such as the generator programs.	SDG&E-13-2R-E JTW-48 to JTW-54 WP 1WM003.000
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	GRID DESIGN & SYSTEM HARDENING	Wildfire Involving SDG&E Equipment	OH Dist Fire Hardening Covered Cond	Tier 2	No	N/A	This workpaper was included in the Grid Design and System Hardening GRC category within the Wildfire Mitigation and Vegetation Management witness area. This workpaper can also be mapped to Tracking ID WMP-455 in the 2023 WMP filing. SDG&E's grid hardening programs are a set of initiatives that address the goal of reducing wildfires caused by utility equipment and minimizing the impacts to customers from mitigations such as PSPS. SDG&E has a number of initiatives including covered conductor and strategic undergrounding that reduce risk events on utility equipment, reducing the opportunities for ignition. SDG&E has a number of protection and equipment programs such as advanced protection, the expulsion fuse replacement program, and the lightning arrestor program. These programs reduce the chance that a risk event results in an ignition by utilizing protection settings and/or equipment that address a specific failure mode known to lead to ignition. Finally, SDG&E has a number of programs with the purpose of reducing PSPS impacts to customers including the PSPS sectionalizing program, microgrid and generator programs, as well as strategic undergrounding. The impacts of these programs are measured in the number of customers who will have reduced impacts from PSPS events assuming weather conditions similar to previous events. The costs represented are the O&M costs associated with the capital grid hardening programs, and the costs associated with the fully O&M programs such as the generator programs.	SDG&E-13-2R-E JTW-48 to JTW-54 WP 1WM003.000
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	GRID DESIGN & SYSTEM HARDENING	Wildfire Involving SDG&E Equipment	OH Dist Fire Hardening Covered Cond	Tier 3	No	N/A	This workpaper was included in the Grid Design and System Hardening GRC category within the Wildfire Mitigation and Vegetation Management witness area. This workpaper can also be mapped to Tracking ID WMP-455 in the 2023 WMP filing. SDG&E's grid hardening programs are a set of initiatives that address the goal of reducing wildfires caused by utility equipment and minimizing the impacts to customers from mitigations such as PSPS. SDG&E has a number of initiatives including covered conductor and strategic undergrounding that reduce risk events on utility equipment, reducing the opportunities for ignition. SDG&E has a number of protection and equipment programs such as advanced protection, the expulsion fuse replacement program, and the lightning arrestor program. These programs reduce the chance that a risk event results in an ignition by utilizing protection settings and/or equipment that address a specific failure mode known to lead to ignition. Finally, SDG&E has a number of programs with the purpose of reducing PSPS impacts to customers including the PSPS sectionalizing program, microgrid and generator programs, as well as strategic undergrounding. The impacts of these programs are measured in the number of customers who will have reduced impacts from PSPS events assuming weather conditions similar to previous events. The costs represented are the O&M costs associated with the capital grid hardening programs, and the costs associated with the fully O&M programs such as the generator programs.	SDG&E-13-2R-E JTW-48 to JTW-54 WP 1WM003.000
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	GRID DESIGN & SYSTEM HARDENING	Wildfire Involving SDG&E Equipment	OH Trans Fire Hardening Dist Underbuild	Tier 2	No	N/A	The O&M activities support the capital workpaper included in the Grid Design and System Hardening GRC category within the Wildfire Mitigation and Vegetation Management witness area. This workpaper can also be mapped to Tracking ID WMP-545 in the 2023 WMP filing. Overhead Transmission Fire Hardening is replacing select existing wood poles with new steel poles and replacing aging conductor with new high-strength conductor to fire harden the electric transmission system. These pole and conductor replacements are part of an overall effort to help improve the reliability and integrity of the electric transmission system and to mitigate future potential fire risk. This project will improve the electric transmission system performance during extreme weather conditions such as Santa Ana wind events. When these transmission poles are replaced, the distribution facilities on the pole will need to be replaced or relocated onto the new pole.	SDG&E-13-2R-E JTW-127 to JTW-128 CWP 1H4100
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	GRID DESIGN & SYSTEM HARDENING	Wildfire Involving SDG&E Equipment	Resiliency Assistance Programs	Tier 2	No	The Resiliency Assistance Program is administered as a single, unified initiative that encompasses all customers residing within High Fire Threat Districts (HFTD), including both Tier 2 and Tier 3 areas. As part of its operational framework, the program does not currently distinguish participation based on tier classifications. Instead, all eligible customers within the designated HFTD regions are collectively included, and tracking or reporting between individual tiers is not performed. All costs and units are reported in Tier 3 tranche.	This workpaper was included in the Grid Design and System Hardening GRC category within the Wildfire Mitigation and Vegetation Management witness area. This workpaper can also be mapped to Tracking ID WMP-467 in the 2023 WMP filing. SDG&E's grid hardening programs are a set of initiatives that address the goal of reducing wildfires caused by utility equipment and minimizing the impacts to customers from mitigations such as PSPS. SDG&E has a number of initiatives including covered conductor and strategic undergrounding that reduce risk events on utility equipment, reducing the opportunities for ignition. SDG&E has a number of protection and equipment programs such as advanced protection, the expulsion fuse replacement program, and the lightning arrestor program. These programs reduce the chance that a risk event results in an ignition by utilizing protection settings and/or equipment that address a specific failure mode known to lead to ignition. Finally, SDG&E has a number of programs with the purpose of reducing PSPS impacts to customers including the PSPS sectionalizing program, microgrid and generator programs, as well as strategic undergrounding. The impacts of these programs are measured in the number of customers who will have reduced impacts from PSPS events assuming weather conditions similar to previous events. The costs represented are the O&M costs associated with the capital grid hardening programs, and the costs associated with the fully O&M programs such as the generator programs.	SDG&E-13-2R-E JTW-48 to JTW-54 WP 1WM003.000

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Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Status Variance Explanation	WP Activity Description	2024 GRC Testimony Location
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	GRID DESIGN & SYSTEM HARDENING	Wildfire Involving SDG&E Equipment	Resiliency Assistance Programs	Tier 3	No	N/A	This workpaper was included in the Grid Design and System Hardening GRC category within the Wildfire Mitigation and Vegetation Management witness area. This workpaper can also be mapped to Tracking ID WMP-#.67 in the 2023 WMP filing. SDG&E's grid hardening programs are a set of initiatives that address the goal of reducing wildfires caused by utility equipment and minimizing the impacts to customers from mitigations such as PSPS. SDG&E has a number of initiatives including covered conductor and strategic undergrounding that reduce risk events on utility equipment, reducing the opportunities for ignition. SDG&E has a number of protection and equipment programs such as advanced protection, the expulsion fuse replacement program, and the lightning arrestor program. These programs reduce the chance that a risk event results in an ignition by utilizing protection settings and/or equipment that address a specific failure mode known to lead to ignition. Finally, SDG&E has a number of programs with the purpose of reducing PSPS impacts to customers including the PSPS sectionalizing program, microgrid and generator programs, as well as strategic undergrounding. The impacts of these programs are measured in the number of customers who will have reduced impacts from PSPS events assuming weather conditions similar to previous events. The costs represented are the O&M costs associated with the capital grid hardening programs, and the costs associated with the fully O&M programs such as the generator programs.	SDG&E-13-2R-E ITW-4 8 to ITW-54 WP 1WM003.000
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	GRID DESIGN & SYSTEM HARDENING	Wildfire Involving SDG&E Equipment	Resiliency Grant Programs	Tier 2	No	The Resiliency Grant Program is administered as a single, unified initiative that encompasses all customers residing within High Fire Threat Districts (HFTD), including both Tier 2 and Tier 3 areas. As part of its operational framework, the program does not currently distinguish participation based on tier classifications. Instead, all eligible customers within the designated HFTD regions are collectively included, and tracking or reporting between individual tiers is not performed. All costs and units are reported in Tier 3 tranche.	This workpaper was included in the Grid Design and System Hardening GRC category within the Wildfire Mitigation and Vegetation Management witness area. This workpaper can also be mapped to Tracking ID WMP-#.66 in the 2023 WMP filing. SDG&E's grid hardening programs are a set of initiatives that address the goal of reducing wildfires caused by utility equipment and minimizing the impacts to customers from mitigations such as PSPS. SDG&E has a number of initiatives including covered conductor and strategic undergrounding that reduce risk events on utility equipment, reducing the opportunities for ignition. SDG&E has a number of protection and equipment programs such as advanced protection, the expulsion fuse replacement program, and the lightning arrestor program. These programs reduce the chance that a risk event results in an ignition by utilizing protection settings and/or equipment that address a specific failure mode known to lead to ignition. Finally, SDG&E has a number of programs with the purpose of reducing PSPS impacts to customers including the PSPS sectionalizing program, microgrid and generator programs, as well as strategic undergrounding. The impacts of these programs are measured in the number of customers who will have reduced impacts from PSPS events assuming weather conditions similar to previous events. The costs represented are the O&M costs associated with the capital grid hardening programs, and the costs associated with the fully O&M programs such as the generator programs.	SDG&E-13-2R-E ITW-4 8 to ITW-54 WP 1WM003.000
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	GRID DESIGN & SYSTEM HARDENING	Wildfire Involving SDG&E Equipment	Resiliency Grant Programs	Tier 3	No	N/A	This workpaper was included in the Grid Design and System Hardening GRC category within the Wildfire Mitigation and Vegetation Management witness area. This workpaper can also be mapped to Tracking ID WMP-#.66 in the 2023 WMP filing. SDG&E's grid hardening programs are a set of initiatives that address the goal of reducing wildfires caused by utility equipment and minimizing the impacts to customers from mitigations such as PSPS. SDG&E has a number of initiatives including covered conductor and strategic undergrounding that reduce risk events on utility equipment, reducing the opportunities for ignition. SDG&E has a number of protection and equipment programs such as advanced protection, the expulsion fuse replacement program, and the lightning arrestor program. These programs reduce the chance that a risk event results in an ignition by utilizing protection settings and/or equipment that address a specific failure mode known to lead to ignition. Finally, SDG&E has a number of programs with the purpose of reducing PSPS impacts to customers including the PSPS sectionalizing program, microgrid and generator programs, as well as strategic undergrounding. The impacts of these programs are measured in the number of customers who will have reduced impacts from PSPS events assuming weather conditions similar to previous events. The costs represented are the O&M costs associated with the capital grid hardening programs, and the costs associated with the fully O&M programs such as the generator programs.	SDG&E-13-2R-E ITW-4 8 to ITW-54 WP 1WM003.000
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	GRID DESIGN & SYSTEM HARDENING	Wildfire Involving SDG&E Equipment	Standby Power Programs	Tier 3	No	N/A	This workpaper was included in the Grid Design and System Hardening GRC category within the Wildfire Mitigation and Vegetation Management witness area. This workpaper can also be mapped to Tracking ID WMP-#.66 in the 2023 WMP filing. SDG&E's grid hardening programs are a set of initiatives that address the goal of reducing wildfires caused by utility equipment and minimizing the impacts to customers from mitigations such as PSPS. SDG&E has a number of initiatives including covered conductor and strategic undergrounding that reduce risk events on utility equipment, reducing the opportunities for ignition. SDG&E has a number of protection and equipment programs such as advanced protection, the expulsion fuse replacement program, and the lightning arrestor program. These programs reduce the chance that a risk event results in an ignition by utilizing protection settings and/or equipment that address a specific failure mode known to lead to ignition. Finally, SDG&E has a number of programs with the purpose of reducing PSPS impacts to customers including the PSPS sectionalizing program, microgrid and generator programs, as well as strategic undergrounding. The impacts of these programs are measured in the number of customers who will have reduced impacts from PSPS events assuming weather conditions similar to previous events. The costs represented are the O&M costs associated with the capital grid hardening programs, and the costs associated with the fully O&M programs such as the generator programs.	SDG&E-13-2R-E ITW-4 8 to ITW-54 WP 1WM003.000
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	GRID DESIGN & SYSTEM HARDENING	Wildfire Involving SDG&E Equipment	Strategic Pole Replacement Program (HFTD)	HFTD Tiers 2 & 3	No	N/A	The O&M activities support the capital workpaper included in the Grid Design and System Hardening GRC category within the Wildfire Mitigation and Vegetation Management witness area. This workpaper can also be mapped to Tracking ID WMP-1109 in the 2023 WMP filing. The purpose of this project is to target high risk poles located throughout SDG&E service territory for replacement. This will continue SDG&E's efforts in hardening the system within the HFTD. Examples of poles this program will focus on will include but not be limited to, gas-treated poles (may be known as Coffin treatment), steel-reinforced and poles that are set in concrete. These identified poles are also nearing the end of their useful life and are known to have a higher failure potential than average.	SDG&E-13-2R-E ITW-1 35 to ITW-137 CWP 2 224 20

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Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Status Variance Explanation	WP Activity Description	2024 GRC Testimony Location
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	GRID DESIGN & SYSTEM HARDENING	Wildfire Involving SDG&E Equipment	Strategic Undergrounding	Tier 2	No	N/A	This workpaper was included in the Grid Design and System Hardening GRC category within the Wildfire Mitigation and Vegetation Management witness area. This workpaper can also be mapped to Tracking ID WMP-473 in the 2023 WMP filing. SDG&E's grid hardening programs are a set of initiatives that address the goal of reducing wildfires caused by utility equipment and minimizing the impacts to customers from mitigations such as PSPS. SDG&E has a number of initiatives including covered conductor and strategic undergrounding that reduce risk events on utility equipment, reducing the opportunities for ignition. SDG&E has a number of protection and equipment programs such as advanced protection, the expulsion fuse replacement program, and the lightning arrestor program. These programs reduce the chance that a risk event results in an ignition by utilizing protection settings and/or equipment that address a specific failure mode known to lead to ignition. Finally, SDG&E has a number of programs with the purpose of reducing PSPS impacts to customers including the PSPS sectionalizing program, microgrid and generator programs, as well as strategic undergrounding. The impacts of these programs are measured in the number of customers who will have reduced impacts from PSPS events assuming weather conditions similar to previous events. The costs represented are the O&M costs associated with the capital grid hardening programs, and the costs associated with the fully O&M programs such as the generator programs.	SDG&E-13-2R-E JTW-48 to JTW- 54 WP 1WM003.000
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	GRID DESIGN & SYSTEM HARDENING	Wildfire Involving SDG&E Equipment	Strategic Undergrounding	Tier 3	No	N/A	This workpaper was included in the Grid Design and System Hardening GRC category within the Wildfire Mitigation and Vegetation Management witness area. This workpaper can also be mapped to Tracking ID WMP-473 in the 2023 WMP filing. SDG&E's grid hardening programs are a set of initiatives that address the goal of reducing wildfires caused by utility equipment and minimizing the impacts to customers from mitigations such as PSPS. SDG&E has a number of initiatives including covered conductor and strategic undergrounding that reduce risk events on utility equipment, reducing the opportunities for ignition. SDG&E has a number of protection and equipment programs such as advanced protection, the expulsion fuse replacement program, and the lightning arrestor program. These programs reduce the chance that a risk event results in an ignition by utilizing protection settings and/or equipment that address a specific failure mode known to lead to ignition. Finally, SDG&E has a number of programs with the purpose of reducing PSPS impacts to customers including the PSPS sectionalizing program, microgrid and generator programs, as well as strategic undergrounding. The impacts of these programs are measured in the number of customers who will have reduced impacts from PSPS events assuming weather conditions similar to previous events. The costs represented are the O&M costs associated with the capital grid hardening programs, and the costs associated with the fully O&M programs such as the generator programs.	SDG&E-13-2R-E JTW-48 to JTW- 54 WP 1WM003.000
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	GRID DESIGN & SYSTEM HARDENING	Wildfire Involving SDG&E Equipment	Transmission System Inspection	None	No	N/A	The O&M activities support the capital workpaper included in the Grid Design and System Hardening GRC category within the Wildfire Mitigation and Vegetation Management witness area. This workpaper can also be mapped to Tracking ID WMP-479 in the 2023 WMP filing. To meet SDG&E's obligation to serve by providing funding for the Corrective Maintenance Program (CMP) in areas designated as HFTD. To meet SDGE's obligation to serve and the safety requirements promulgated by CPUC G. O 95, A.B. 1890, A.B. 1017, etc., this project provides funds for several purposes, such as: 1. To maintain and restore transmission facilities. 2. To repair the system in the vent of disaster such as storm or fire 3. To provide funding for a pole restoration program for in-service transmission wood poles. 4. To provide funding for annual NERC and Tie Lines Assessments (TLA).	SDG&E-13-2R-E JTW-140 to JTW-141 CWP 2012.70
O&M	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**Sub Total GRID OPERATIONS & OPERATING PROTOCOLS**				**Yes**			
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	RESOURCE ALLOCATION METHODOLOGY	Wildfire Involving SDG&E Equipment	Wildfire Mitigation Personnel	None	No	N/A	This workpaper was included in the Resource Allocation Methodology category within the Wildfire Mitigation and Vegetation Management witness area. This workpaper can also be mapped to Tracking ID WMP-523 in the 2023 WMP filing. 1WM007 Resource Allocation Methodology includes costs for WMP Mitigations: Asset Management O&M; Wildfire Mitigation Personnel and PSPS Mitigation Engineering Team. This WMP mitigation includes costs for the Wildfire Mitigation department (Cost Centers 21 00-4089, 2100-4097). Resource Allocation includes costs for development of tools and models utilized for allocating funding for WMP programs (e.g., WINGS) to promote efficient and cost-effective wildfire mitigation efforts. SDG&E's Wildfire Mitigation department is also included in this workpaper. This department, which was formed in 2019, contains three departments. First, the Wildfire Mitigation Programs group which is involved with the various regulatory proceedings that address wildfire and de-energization as well as legislative and media inquiries. Second, the Wildfire Mitigation Plan Strategic group develops metrics, leads vision projects, promotes new ways to enhance fire safety, and explores advancements to further drive improvement and change including risk modeling capabilities. Third, the Wildfire Mitigation Plan Accountability group is responsible for monitoring fire-related metrics, tracking WMP activities, complying with reporting requirements, provide for governance specifications and procedures, and aid in a lead capacity on audits of the WMP programs.	SDG&E-13-2R-E JTW-77 to JTW-80 WP 1WM007.000
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	RESOURCE ALLOCATION METHODOLOGY	Wildfire Involving SDG&E Equipment	Asset Management	None	No	The costs associated with this program are trailing expenses and are not anticipated to recur in future years. The program was originally planned for completion before 2024.	This workpaper was included in the Resource Allocation Methodology category within the Wildfire Mitigation and Vegetation Management witness area. This workpaper can also be mapped to Tracking ID WMP-523 in the 2023 WMP filing. 1WM007 Resource Allocation Methodology includes costs for WMP Mitigations: Asset Management O&M; Wildfire Mitigation Personnel and PSPS Mitigation Engineering Team. This WMP mitigation includes costs for the Wildfire Mitigation department (Cost Centers 21 00-4089, 2100-4097). Resource Allocation includes costs for development of tools and models utilized for allocating funding for WMP programs (e.g., WINGS) to promote efficient and cost-effective wildfire mitigation efforts. SDG&E's Wildfire Mitigation department is also included in this workpaper. This department, which was formed in 2019, contains three departments. First, the Wildfire Mitigation Programs group which is involved with the various regulatory proceedings that address wildfire and de-energization as well as legislative and media inquiries. Second, the Wildfire Mitigation Plan Strategic group develops metrics, leads vision projects, promotes new ways to enhance fire safety, and explores advancements to further drive improvement and change including risk modeling capabilities. Third, the Wildfire Mitigation Plan Accountability group is responsible for monitoring fire-related metrics, tracking WMP activities, complying with reporting requirements, provide for governance specifications and procedures, and aid in a lead capacity on audits of the WMP programs.	SDG&E-13-2R-E JTW-77 to JTW-80 WP 1WM007.000
O&M	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**Sub Total RESOURCE ALLOCATION METHODOLOGY**				**Yes**			
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	RISK ASSESSMENT & MAPPING	Wildfire Involving SDG&E Equipment	Risk Assessment & Mapping	N/A	No	N/A	This workpaper was included in the Risk Assessment & Mapping category within the Wildfire Mitigation and Vegetation Management witness area. This workpaper can also be mapped to Tracking ID WMP-442 in the 2023 WMP filing. Risk Assessment & Mapping includes costs for specific risk modeling tools. SDG&E has utilized its Wildfire Risk Reduction Model (WRRM) and WRRM-Operational System (WRRM-Ops) which continue to help SDG&E understand the wildfire risk from electric grid assets and fire propagation. While WRRM and WRRM-Ops continue to play a critical role in understanding the fire risk, SDG&E recognized a need for a model with the capability to analyze circuit segments for risk of wildfire and PSPS impacts, as well as calculate Risk Spend Efficiency scores for mitigation initiatives. To meet that need, SDG&E developed a new model in 2020 named Wildfire Next Generation System (WINGS). While it is in the first year of use, WINGS is expected to help prioritize SDG&E's grid hardening mitigations in the coming years. SDG&E has remained committed to the ongoing development and implementation of its wildfire risk modeling through joint collaboration with Energy Safety, other IOUs, and contractors and continues to refine a primarily automated risk assessment and mapping methodology.	SDG&E-13-2R-E JTW-93 to JTW- 93 WP 1WM007.001
O&M	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**Sub Total RISK ASSESSMENT & MAPPING**				**Yes**			

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O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	SITUATIONAL AWARENESS AND FORECASTING	Incident Involving an Employee	Wildfire Smoke Particulates	N/A	No	N/A	This workpaper was included in the Situational Awareness & Forecasting category within the Wildfire Mitigation and Vegetation Management witness area. This workpaper can also be mapped to Tracking ID WMP.1431 in the 2023 WMP filing. Weather has a significant impact on utility operations. SDG&E develops and implements utility-specific meteorological technology to anticipate, prepare for, respond to, and recover from severe weather and wildfire events. Situational awareness tools are used to inform system planning, emergency operations, and the safe implementation of PSPS. Situational Awareness and Forecasting includes costs for SDG&E Fire Coordination, Meteorology, and Wildfire Resilience.	SDG&E-13-2R-E ITW-4-to-ITW-4R WP 1WM002.000
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	SITUATIONAL AWARENESS AND FORECASTING	Wildfire Involving SDG&E Equipment	Fire Science and Climate Adaptation Department	N/A	No	N/A	This workpaper was included in the Situational Awareness & Forecasting category within the Wildfire Mitigation and Vegetation Management witness area. This workpaper can also be mapped to Tracking ID WMP.850 in the 2023 WMP filing. Weather has a significant impact on utility operations. SDG&E develops and implements utility-specific meteorological technology to anticipate, prepare for, respond to, and recover from severe weather and wildfire events. Situational awareness tools are used to inform system planning, emergency operations, and the safe implementation of PSPS. Situational Awareness and Forecasting includes costs for SDG&E Fire Coordination, Meteorology, and Wildfire Resilience.	SDG&E-13-2R-E ITW-4-to-ITW-4R WP 1WM002.000
O&M	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**Sub Total SITUATIONAL AWARENESS AND FORECASTING**				**Yes**			
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	STAKEHOLDER COOPERATION & COMMUNITY ENGAGEMENT	Wildfire Involving SDG&E Equipment	Mylar Balloon Alternative	N/A	No	N/A	This workpaper was included in the Stakeholder Cooperation & Community Engagement category within the Wildfire Mitigation and Vegetation Management witness area. Engagement and cooperation among all wildfire stakeholders, including the public, are extremely important to SDG&E. SDG&E partners with utility customers, elected officials, nonprofit support organizations, first responders and all other public safety and community partners. Each stakeholder group plays a unique and important role in achieving wildfire prevention and mitigation in SDG&E's service territory. SDG&E provides an essential service, and it takes its role within the communities it serves very seriously. This is especially true during times of PSPS events, when communities depend on complete, accurate, and timely information for their well-being.	SDG&E-13-2R-E ITW-6-to-ITW-9S WP 1WM018.000
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	STAKEHOLDER COOPERATION & COMMUNITY ENGAGEMENT	Wildfire Involving SDG&E Equipment	PSPS Communication Practices	N/A	No	N/A	This workpaper was included in the Stakeholder Cooperation & Community Engagement category within the Wildfire Mitigation and Vegetation Management witness area. This workpaper can also be mapped to Tracking ID WMP.563 in the 2023 WMP filing. Engagement and cooperation among all wildfire stakeholders, including the public, are extremely important to SDG&E. SDG&E partners with utility customers, elected officials, nonprofit support organizations, first responders and all other public safety and community partners. Each stakeholder group plays a unique and important role in achieving wildfire prevention and mitigation in SDG&E's service territory. SDG&E provides an essential service, and it takes its role within the communities it serves very seriously. This is especially true during times of PSPS events, when communities depend on complete, accurate, and timely information for their well-being.	SDG&E-13-2R-E ITW-6-to-ITW-9S WP 1WM018.000
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	STAKEHOLDER COOPERATION & COMMUNITY ENGAGEMENT	Wildfire Involving SDG&E Equipment	WMP AIN Customer Support	N/A	No	N/A	This workpaper was included in the Stakeholder Cooperation & Community Engagement category within the Wildfire Mitigation and Vegetation Management witness area. This workpaper can also be mapped to Tracking ID WMP.532 in the 2023 WMP filing. Engagement and cooperation among all wildfire stakeholders, including the public, are extremely important to SDG&E. SDG&E partners with utility customers, elected officials, nonprofit support organizations, first responders and all other public safety and community partners. Each stakeholder group plays a unique and important role in achieving wildfire prevention and mitigation in SDG&E's service territory. SDG&E provides an essential service, and it takes its role within the communities it serves very seriously. This is especially true during times of PSPS events, when communities depend on complete, accurate, and timely information for their well-being.	SDG&E-13-2R-E ITW-6-to-ITW-9S WP 1WM018.000
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	STAKEHOLDER COOPERATION & COMMUNITY ENGAGEMENT	Wildfire Involving SDG&E Equipment	WMP Tribal Customer Support	N/A	No	N/A	This workpaper was included in the Stakeholder Cooperation & Community Engagement category within the Wildfire Mitigation and Vegetation Management witness area. This workpaper can also be mapped to Tracking ID WMP.527 in the 2023 WMP filing. Engagement and cooperation among all wildfire stakeholders, including the public, are extremely important to SDG&E. SDG&E partners with utility customers, elected officials, nonprofit support organizations, first responders and all other public safety and community partners. Each stakeholder group plays a unique and important role in achieving wildfire prevention and mitigation in SDG&E's service territory. SDG&E provides an essential service, and it takes its role within the communities it serves very seriously. This is especially true during times of PSPS events, when communities depend on complete, accurate, and timely information for their well-being.	SDG&E-13-2R-E ITW-6-to-ITW-9S WP 1WM018.000
O&M	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**Sub Total STAKEHOLDER COOPERATION & COMMUNITY ENGAGEMENT**				**Yes**			

SDG&E WILDFIRE MITIGATION & VEGETATION MANAGEMENT O&M
Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Status Variance Explanation	WP Activity Description	2024 GRC Testimony Location
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	VEGETATION MGMT & INSP	Wildfire Involving SDG&E Equipment	Fuels Management Program	Tier 2	No	N/A	This workpaper was included in the Vegetation Management & Inspections category within the Wildfire Mitigation and Vegetation Management witness area. This workpaper can also be mapped to Tracking ID WMP.497 in the 2023 WMP filing. Vegetation around electric distribution lines and equipment poses potential risks for safety, wildfire, compliance, and reliability. To address these risks, SDG&E developed and executes a robust and detailed schedule and scope for its vegetation inspection activities. While tree clearances are mandated by CPUC G.O. 95, Rule 35, Public Resources Code 4293, and NERC FAC003-4, SDG&E's program goes beyond these minimum requirements to further enhance safety and mitigate ignition risk, especially in the HFTD. SDG&E's vegetation management initiatives captured in this workpaper are: fuels management, pole brushing, and sustainability initiatives such as vegetation restoration efforts.	SDG&E-13-2R-E JTW-61 to JTW-68 WP 1WM005.000
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	VEGETATION MGMT & INSP	Wildfire Involving SDG&E Equipment	Fuels Management Program	Tier 3	No	N/A	This workpaper was included in the Vegetation Management & Inspections category within the Wildfire Mitigation and Vegetation Management witness area. This workpaper can also be mapped to Tracking ID WMP.497 in the 2023 WMP filing. Vegetation around electric distribution lines and equipment poses potential risks for safety, wildfire, compliance, and reliability. To address these risks, SDG&E developed and executes a robust and detailed schedule and scope for its vegetation inspection activities. While tree clearances are mandated by CPUC G.O. 95, Rule 35, Public Resources Code 4293, and NERC FAC003-4, SDG&E's program goes beyond these minimum requirements to further enhance safety and mitigate ignition risk, especially in the HFTD. SDG&E's vegetation management initiatives captured in this workpaper are: fuels management, pole brushing, and sustainability initiatives such as vegetation restoration efforts.	SDG&E-13-2R-E JTW-61 to JTW-68 WP 1WM005.000
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	VEGETATION MGMT & INSP	Wildfire Involving SDG&E Equipment	Pole Brushing	Non-HFTD	No	N/A	This workpaper was included in the Vegetation Management & Inspections category within the Wildfire Mitigation and Vegetation Management witness area. This workpaper can also be mapped to Tracking ID WMP.512 in the 2023 WMP filing. Vegetation around electric distribution lines and equipment poses potential risks for safety, wildfire, compliance, and reliability. To address these risks, SDG&E developed and executes a robust and detailed schedule and scope for its vegetation inspection activities. While tree clearances are mandated by CPUC G.O. 95, Rule 35, Public Resources Code 4293, and NERC FAC003-4, SDG&E's program goes beyond these minimum requirements to further enhance safety and mitigate ignition risk, especially in the HFTD. SDG&E's vegetation management initiatives captured in this workpaper are: fuels management, pole brushing, and sustainability initiatives such as vegetation restoration efforts.	SDG&E-13-2R-E JTW-61 to JTW-68 WP 1WM005.000
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	VEGETATION MGMT & INSP	Wildfire Involving SDG&E Equipment	Pole Brushing	Tier 2	No	N/A	This workpaper was included in the Vegetation Management & Inspections category within the Wildfire Mitigation and Vegetation Management witness area. This workpaper can also be mapped to Tracking ID WMP.512 in the 2023 WMP filing. Vegetation around electric distribution lines and equipment poses potential risks for safety, wildfire, compliance, and reliability. To address these risks, SDG&E developed and executes a robust and detailed schedule and scope for its vegetation inspection activities. While tree clearances are mandated by CPUC G.O. 95, Rule 35, Public Resources Code 4293, and NERC FAC003-4, SDG&E's program goes beyond these minimum requirements to further enhance safety and mitigate ignition risk, especially in the HFTD. SDG&E's vegetation management initiatives captured in this workpaper are: fuels management, pole brushing, and sustainability initiatives such as vegetation restoration efforts.	SDG&E-13-2R-E JTW-61 to JTW-68 WP 1WM005.000
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	VEGETATION MGMT & INSP	Wildfire Involving SDG&E Equipment	Pole Brushing	Tier 3	No	N/A	This workpaper was included in the Vegetation Management & Inspections category within the Wildfire Mitigation and Vegetation Management witness area. This workpaper can also be mapped to Tracking ID WMP.512 in the 2023 WMP filing. Vegetation around electric distribution lines and equipment poses potential risks for safety, wildfire, compliance, and reliability. To address these risks, SDG&E developed and executes a robust and detailed schedule and scope for its vegetation inspection activities. While tree clearances are mandated by CPUC G.O. 95, Rule 35, Public Resources Code 4293, and NERC FAC003-4, SDG&E's program goes beyond these minimum requirements to further enhance safety and mitigate ignition risk, especially in the HFTD. SDG&E's vegetation management initiatives captured in this workpaper are: fuels management, pole brushing, and sustainability initiatives such as vegetation restoration efforts.	SDG&E-13-2R-E JTW-61 to JTW-68 WP 1WM005.000
O&M	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	VEGETATION MGMT & INSP	Wildfire Involving SDG&E Equipment	Vegetation Restoration Initiative	N/A	No	The Vegetation Restoration Initiative addresses lower risks compared to other WMP programs, making it a potential area for funding reductions to prioritize higher-risk programs. This assessment is conducted annually based on the needs of the entire WMP portfolio. However, the company remains committed to its goal of planting 100,000 trees over a 10-year period, ensuring that the program is not entirely canceled.	This workpaper was included in the Vegetation Management & Inspections category within the Wildfire Mitigation and Vegetation Management witness area. This workpaper can also be mapped to Tracking ID WMP.1325 in the 2023 WMP filing. Vegetation around electric distribution lines and equipment poses potential risks for safety, wildfire, compliance, and reliability. To address these risks, SDG&E developed and executes a robust and detailed schedule and scope for its vegetation inspection activities. While tree clearances are mandated by CPUC G.O. 95, Rule 35, Public Resources Code 4293, and NERC FAC003-4, SDG&E's program goes beyond these minimum requirements to further enhance safety and mitigate ignition risk, especially in the HFTD. SDG&E's vegetation management initiatives captured in this workpaper are: fuels management, pole brushing, and sustainability initiatives such as vegetation restoration efforts.	SDG&E-13-2R-E JTW-61 to JTW-68 WP 1WM005.000
O&M	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal VEGETATION MGMT & INSP. - TREE TRIMMING ONLY**				**Yes**			

SDG&E ENVIRONMENTAL SERVICES AND SAN ONOFRE NUCLEAR GENERATING STATION (*SONGS*) O&M
Balanced

Tree	Witness Area Line of Business	WP Activity Description Operating Category	RAMP Risk Cluster	RAMP Mitigation Activity	RAMP Tree Str	Roll up	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date (\$)	Inputted Authorized Cost 2024	Inputted Authorized Cost 2025	Inputted Authorized Cost 2026	Inputted Authorized Cost 2027	Inputted – Authorized Cost to Date (\$)
O&M	ENVIRONMENTAL SERVICES AND SAN ONOFRE NUCLEAR GENERATING	ENVIRONMENTAL SERVICES AND SAN ONOFRE NUCLEAR GENERATING STATION (*SONGS*)				Yes			6,241	—	—	—	6,241	2,196	3,205	2,054	3,266	2,196
O&M	SDG&E ENVIRONMENTAL SERVICES AND SONGS	EG - SONGS WKP GRP 1	Non-RAMP	Non-RAMP	Non-RAMP	No	Ongoing	Annual	1,143	—	—	—	1,143	1,575	1,575	1,575	1,575	1,575
O&M	SDG&E ENVIRONMENTAL SERVICES AND SONGS	SubTotal EG - SONGS WKP_GRP_1				Yes			1,143	—	—	—	1,143	1,575	1,575	1,575	1,575	1,575
O&M	SDG&E ENVIRONMENTAL SERVICES AND SONGS	RNERRA-ARS3 FEES-ELECTRIC	Non-RAMP	Non-RAMP	Non-RAMP	No			653	—	—	—	653	473	487	502	517	473
O&M	SDG&E ENVIRONMENTAL SERVICES AND SONGS	SubTotal RNERRA-ARS3 FEES-ELECTRIC				Yes			653	—	—	—	653	473	487	502	517	473
O&M	SDG&E ENVIRONMENTAL SERVICES AND SONGS	RNERRA-ARS3 FEES-GAS	Non-RAMP	Non-RAMP	Non-RAMP	No			1,268	—	—	—	1,268	1,039	1,070	1,102	1,135	1,039
O&M	SDG&E ENVIRONMENTAL SERVICES AND SONGS	SubTotal RNERRA-ARS3 FEES-GAS				Yes			1,268	—	—	—	1,268	1,039	1,070	1,102	1,135	1,039
O&M	SDG&E ENVIRONMENTAL SERVICES AND SONGS	RNERRA-LIDAR	Non-RAMP	Non-RAMP	Non-RAMP	No			2,078	—	—	—	2,078	67	69	71	73	67
O&M	SDG&E ENVIRONMENTAL SERVICES AND SONGS	SubTotal RNERRA-LIDAR				Yes			2,078	—	—	—	2,078	67	69	71	73	67
O&M	SDG&E ENVIRONMENTAL SERVICES AND SONGS	RNERRA-MM-ELECTRIC	Non-RAMP	Non-RAMP	Non-RAMP	No			—	—	—	—	—	6	6	6	6	6
O&M	SDG&E ENVIRONMENTAL SERVICES AND SONGS	SubTotal RNERRA-MM-ELECTRIC				Yes			—	—	—	—	—	6	6	6	6	6
O&M	SDG&E ENVIRONMENTAL SERVICES AND SONGS	RNERRA-MM-GAS	Non-RAMP	Non-RAMP	Non-RAMP	No			—	—	—	—	—	6	6	6	6	6
O&M	SDG&E ENVIRONMENTAL SERVICES AND SONGS	SubTotal RNERRA-MM-GAS				Yes			—	—	—	—	—	6	6	6	6	6
O&M	SDG&E ENVIRONMENTAL SERVICES AND SONGS	RNERRA-SUBPART W	Non-RAMP	Non-RAMP	Non-RAMP	No			—	—	—	—	—	3	3	3	3	3
O&M	SDG&E ENVIRONMENTAL SERVICES AND SONGS	SubTotal RNERRA-SUBPART W				Yes			—	—	—	—	—	3	3	3	3	3

SDG&E ENVIRONMENTAL SERVICES AND SAN ONOFRE NUCLEAR GENERATING STATION ("SONGS") O&M
Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Cluster	RAMP Mitigation Activity	RAMP Tranche	Roll up	Annual Cost Difference 2026	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference (3)	Annual Cost Present Variance 2026	Annual Cost Present Variance 2025	Annual Cost Present Variance 2026	Annual Cost Present Variance 2027	Cost to Date Present Variance
O&M	ENVIRONMENTAL SERVICES AND SAN ONOFRE NUCLEAR GENERATING STATION ("SONGS")	ENVIRONMENTAL SERVICES AND SAN ONOFRE NUCLEAR GENERATING STATION ("SONGS")				Yes	2,486	(3,269)	(3,254)	(3,388)	3,663	665%	-100%	-100%	-100%	665%
O&M	SDG&E ENVIRONMENTAL SERVICES AND SONGS	EG - SONGS WKP GRP 1	Non-RAMP	Non-RAMP	Non-RAMP	No	(432)	(1,575)	(1,575)	(1,575)	(432)	-27%	-100%	-100%	-100%	-27%
O&M	SDG&E ENVIRONMENTAL SERVICES AND SONGS	SubTotal EG - SONGS WKP_GRP_1				Yes	(432)	(1,575)	(1,575)	(1,575)	(432)	-27%	-100%	-100%	-100%	-27%
O&M	SDG&E ENVIRONMENTAL SERVICES AND SONGS	RNERRA-ARS3 FEES-ELECTRIC	Non-RAMP	Non-RAMP	Non-RAMP	No	174	(487)	(501)	(517)	179	30%	-100%	-100%	-100%	30%
O&M	SDG&E ENVIRONMENTAL SERVICES AND SONGS	SubTotal RNERRA-ARS3 FEES-ELECTRIC				Yes	174	(487)	(501)	(517)	179	30%	-100%	-100%	-100%	30%
O&M	SDG&E ENVIRONMENTAL SERVICES AND SONGS	RNERRA-ARS3 FEES-GAS	Non-RAMP	Non-RAMP	Non-RAMP	No	324	(1,092)	(1,093)	(1,128)	329	33%	-100%	-100%	-100%	33%
O&M	SDG&E ENVIRONMENTAL SERVICES AND SONGS	SubTotal RNERRA-ARS3 FEES-GAS				Yes	499	(1,060)	(1,093)	(1,128)	329	33%	-100%	-100%	-100%	33%
O&M	SDG&E ENVIRONMENTAL SERVICES AND SONGS	RNERRA-LIDAR	Non-RAMP	Non-RAMP	Non-RAMP	No	2,011	(69)	(71)	(73)	2,011	3011%	-100%	-100%	-100%	3011%
O&M	SDG&E ENVIRONMENTAL SERVICES AND SONGS	SubTotal RNERRA-LIDAR				Yes	2,011	(69)	(71)	(73)	2,011	3011%	-100%	-100%	-100%	3011%
O&M	SDG&E ENVIRONMENTAL SERVICES AND SONGS	RNERRA-MM-ELECTRIC	Non-RAMP	Non-RAMP	Non-RAMP	No	(6)	(6)	(6)	(6)	(6)	-100%	-100%	-100%	-100%	-100%
O&M	SDG&E ENVIRONMENTAL SERVICES AND SONGS	SubTotal RNERRA-MM-ELECTRIC				Yes	(6)	(6)	(6)	(6)	(6)	-100%	-100%	-100%	-100%	-100%
O&M	SDG&E ENVIRONMENTAL SERVICES AND SONGS	RNERRA-MM-GAS	Non-RAMP	Non-RAMP	Non-RAMP	No	(6)	(6)	(6)	(6)	(6)	-100%	-100%	-100%	-100%	-100%
O&M	SDG&E ENVIRONMENTAL SERVICES AND SONGS	SubTotal RNERRA-MM-GAS				Yes	(6)	(6)	(6)	(6)	(6)	-100%	-100%	-100%	-100%	-100%
O&M	SDG&E ENVIRONMENTAL SERVICES AND SONGS	RNERRA-SUBPART W	Non-RAMP	Non-RAMP	Non-RAMP	No	(2)	(2)	(2)	(2)	(2)	-100%	-100%	-100%	-100%	-100%
O&M	SDG&E ENVIRONMENTAL SERVICES AND SONGS	SubTotal RNERRA-SUBPART W				Yes	(2)	(2)	(2)	(2)	(2)	-100%	-100%	-100%	-100%	-100%

SDG&E ENVIRONMENTAL SERVICES AND SAN ONOFRE NUCLEAR GENERATING STATION ("SONGS") O&M
Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Cluster	RAMP Mitigation Activity	RAMP Tranche	Roll up	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
O&M	ENVIRONMENTAL SERVICES AND SAN ONOFRE NUCLEAR GENERATING STATION ("SONGS")	ENVIRONMENTAL SERVICES AND SAN ONOFRE NUCLEAR GENERATING STATION ("SONGS")				Yes																					
O&M	SDG&E ENVIRONMENTAL SERVICES AND SONGS	EG - SONGS WKP GRP 1	Non-RAMP	Non-RAMP	Non-RAMP	No	This workpaper represents SDG&E's 20% share of SONGs marine mitigation work/marine compensation costs.																				
O&M	SDG&E ENVIRONMENTAL SERVICES AND SONGS	SubTotal EG - SONGS WKP_GRP_1				Yes																					
O&M	SDG&E ENVIRONMENTAL SERVICES AND SONGS	RNERRA-AIR33 FEES-ELECTRIC	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	SDG&E ENVIRONMENTAL SERVICES AND SONGS	SubTotal RNERRA-AIR33 FEES-ELECTRIC				Yes																					
O&M	SDG&E ENVIRONMENTAL SERVICES AND SONGS	RNERRA-AIR33 FEES-GAS	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	SDG&E ENVIRONMENTAL SERVICES AND SONGS	SubTotal RNERRA-AIR33 FEES-GAS				Yes																					
O&M	SDG&E ENVIRONMENTAL SERVICES AND SONGS	RNERRA-LIDAR	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	SDG&E ENVIRONMENTAL SERVICES AND SONGS	SubTotal RNERRA-LIDAR				Yes																					
O&M	SDG&E ENVIRONMENTAL SERVICES AND SONGS	RNERRA-MM-ELECTRIC	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	SDG&E ENVIRONMENTAL SERVICES AND SONGS	SubTotal RNERRA-MM-ELECTRIC				Yes																					
O&M	SDG&E ENVIRONMENTAL SERVICES AND SONGS	RNERRA-MM-GAS	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	SDG&E ENVIRONMENTAL SERVICES AND SONGS	SubTotal RNERRA-MM-GAS				Yes																					
O&M	SDG&E ENVIRONMENTAL SERVICES AND SONGS	RNERRA-SUB PART W	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	SDG&E ENVIRONMENTAL SERVICES AND SONGS	SubTotal RNERRA-SUB PART W				Yes																					

SDG&E ENVIRONMENTAL SERVICES AND SAN ONOFRE NUCLEAR GENERATING STATION (*SONGS*) O&M
Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Cluster	RAMP Mitigation Activity	RAMP Tranche	RoTex	Safety, Reliability, or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status	Status Variance Explanation Required?
O&M	ENVIRONMENTAL SERVICES AND SAN ONOFRE NUCLEAR GENERATING STATION (*SONGS*)	ENVIRONMENTAL SERVICES AND SAN ONOFRE NUCLEAR GENERATING STATION (*SONGS*)				Yes										
O&M	SDG&E ENVIRONMENTAL SERVICES AND SONGS	EG - SONGS WKP GRP 1	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	SDG&E ENVIRONMENTAL SERVICES AND SONGS	SubTotal EG - SONGS WKP_GRP_1				Yes	YES	NO								NO
O&M	SDG&E ENVIRONMENTAL SERVICES AND SONGS	RNERRA-AIR33 FEES-ELECTRIC	Non-RAMP	Non-RAMP	Non-RAMP	No	NO									
O&M	SDG&E ENVIRONMENTAL SERVICES AND SONGS	SubTotal RNERRA-AIR33 FEES-ELECTRIC				Yes	NO									
O&M	SDG&E ENVIRONMENTAL SERVICES AND SONGS	RNERRA-AIR33 FEES-GAS	Non-RAMP	Non-RAMP	Non-RAMP	No	NO									
O&M	SDG&E ENVIRONMENTAL SERVICES AND SONGS	SubTotal RNERRA-AIR33 FEES-GAS				Yes	NO									
O&M	SDG&E ENVIRONMENTAL SERVICES AND SONGS	RNERRA-LIDAR	Non-RAMP	Non-RAMP	Non-RAMP	No	NO									
O&M	SDG&E ENVIRONMENTAL SERVICES AND SONGS	SubTotal RNERRA-LIDAR				Yes	NO									
O&M	SDG&E ENVIRONMENTAL SERVICES AND SONGS	RNERRA-MM-ELECTRIC	Non-RAMP	Non-RAMP	Non-RAMP	No	NO									
O&M	SDG&E ENVIRONMENTAL SERVICES AND SONGS	SubTotal RNERRA-MM-ELECTRIC				Yes	NO									
O&M	SDG&E ENVIRONMENTAL SERVICES AND SONGS	RNERRA-MM-GAS	Non-RAMP	Non-RAMP	Non-RAMP	No	NO									
O&M	SDG&E ENVIRONMENTAL SERVICES AND SONGS	SubTotal RNERRA-MM-GAS				Yes	NO									
O&M	SDG&E ENVIRONMENTAL SERVICES AND SONGS	RNERRA-SUBPART W	Non-RAMP	Non-RAMP	Non-RAMP	No	NO									
O&M	SDG&E ENVIRONMENTAL SERVICES AND SONGS	SubTotal RNERRA-SUB PART W				Yes	NO									

SDG&E ENVIRONMENTAL SERVICES AND SAN ONOFRE NUCLEAR GENERATING STATION ("SONGS") O&M
Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Cluster	RAMP Mitigation Activity	RAMP Tranche	Roll up	Status Variance Explanation	WP Activity Description	2024 GRC Testimony Location
O&M	ENVIRONMENTAL SERVICES AND SAN ONOFRE NUCLEAR GENERATING STATION ("SONGS")	ENVIRONMENTAL SERVICES AND SAN ONOFRE NUCLEAR GENERATING STATION ("SONGS")				Yes			
O&M	SDG&E ENVIRONMENTAL SERVICES AND SONGS	EG - SONGS WKP GRP 1	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
O&M	**SDG&E ENVIRONMENTAL SERVICES AND SONGS**	**SubTotal EG - SONGS WKP_GRP_1**				Yes			
O&M	SDG&E ENVIRONMENTAL SERVICES AND SONGS	RNERRA-ARS32 FEES-ELECTRIC	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**SDG&E ENVIRONMENTAL SERVICES AND SONGS**	**SubTotal RNERRA-ARS32 FEES-ELECTRIC**				Yes			
O&M	SDG&E ENVIRONMENTAL SERVICES AND SONGS	RNERRA-ARS32 FEES-GAS	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**SDG&E ENVIRONMENTAL SERVICES AND SONGS**	**SubTotal RNERRA-ARS32 FEES-GAS**				Yes			
O&M	SDG&E ENVIRONMENTAL SERVICES AND SONGS	RNERRA-UDAR	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**SDG&E ENVIRONMENTAL SERVICES AND SONGS**	**SubTotal RNERRA-UDAR**				Yes			
O&M	SDG&E ENVIRONMENTAL SERVICES AND SONGS	RNERRA-MM-ELECTRIC	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**SDG&E ENVIRONMENTAL SERVICES AND SONGS**	**SubTotal RNERRA-MM-ELECTRIC**				Yes			
O&M	SDG&E ENVIRONMENTAL SERVICES AND SONGS	RNERRA-MM-GAS	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**SDG&E ENVIRONMENTAL SERVICES AND SONGS**	**SubTotal RNERRA-MM-GAS**				Yes			
O&M	SDG&E ENVIRONMENTAL SERVICES AND SONGS	RNERRA-SUBPART W	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**SDG&E ENVIRONMENTAL SERVICES AND SONGS**	**SubTotal RNERRA-SUBPART W**				Yes			

SDG&E GAS INTEGRITY MANAGEMENT PROGRAMS O&M
Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Treadie	RollUp	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date ($)
O&M	GAS INTEGRITY MANAGEMENT PROGRAMS	GASSINTEGRITY MANAGEMENT PROGRAMS				Yes			32,411	---	---	---	32,411	10,684	11,018	11,336	11,673	10,684
O&M	GAS INTEGRITY PROGRAMS	DIMP	Incident Related to the Medium Pressure System (Excluding Dig-in)	Distribution Integrity Management Program (DIMP)	Plastic - Main (VIPP)	No	On-going	Annual	661	---	---	---	661	---	---	---	---	---
O&M	GAS INTEGRITY PROGRAMS	SubTotal DIMP				Yes			661	---	---	---	661	---	---	---	---	---
O&M	GAS INTEGRITY PROGRAMS	TIMP	Incident Related to the High Pressure System (Excluding Dig-in)	Integrity Assessments & Remediation (HCA and Non-HCA)	Transmission - HCA	No	On-going	Annual	30,950	---	---	---	30,950	10,149	10,453	10,767	11,090	10,149
O&M	GAS INTEGRITY PROGRAMS	TIMP	Incident Related to the High Pressure System (Excluding Dig-in)	Integrity Assessments & Remediation (HCA and Non-HCA)	Transmission - Non-HCA	No	On-going	Annual	631	---	---	---	631	534	550	566	583	534
O&M	GAS INTEGRITY PROGRAMS	SubTotal TIMP				Yes			31,581	---	---	---	31,581	10,683	11,003	11,333	11,673	10,683

SDG&E GAS INTEGRITY MANAGEMENT PROGRAMS O&M
Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Treadie	Rollup	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference ($)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
O&M	GAS INTEGRITY MANAGEMENT PROGRAMS	GASINTEGRITY MANAGEMENT PROGRAMS				Yes	21,530	(11,033)	(11,333)	(11,673)	21,530	200%	-100%	-100%	-100%	200%
O&M	GAS INTEGRITY PROGRAMS	DIMP	Incident Related to the Medium Pressure System (Excluding Dig-in)	Distribution Integrity Management Program (DIMP)	Plastic - Main (VIPP)	No	661	—	—	—	661	100%	—%	—%	—%	100%
O&M	GAS INTEGRITY PROGRAMS	SubTotal DIMP				Yes	661	—	—	—	661	100%	—%	—%	—%	100%
O&M	GAS INTEGRITY PROGRAMS	TIMP	Incident Related to the High Pressure System (Excluding Dig-in)	Integrity Assessments & Remediation (HCA and Non-HCA)	Transmission - HCA	No	20,781	(10,453)	(10,767)	(11,090)	20,781	203%	-100%	-100%	-100%	203%
O&M	GAS INTEGRITY PROGRAMS	TIMP	Incident Related to the High Pressure System (Excluding Dig-in)	Integrity Assessments & Remediation (HCA and Non-HCA)	Transmission - Non-HCA	No	97	(580)	(566)	(583)	97	18%	-100%	-100%	-100%	18%
O&M	GAS INTEGRITY PROGRAMS	SubTotal TIMP				Yes	20,878	(11,033)	(11,333)	(11,673)	20,878	195%	-100%	-100%	-100%	195%

SDG&E GAS INTEGRITY MANAGEMENT PROGRAMS O&M
Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Treatm	Roll-up	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
O&M	GAS INTEGRITY MANAGEMENT PROGRAMS	ESSENTIALS INTEGRITY MANAGEMENT PROGRAMS				Yes																					
O&M	GAS INTEGRITY PROGRAMS	DIMP	Incident Related to the Medium Pressure System (Excluding Dig-in)	Distribution Integrity Management Program (DIMP)	Plastic - Main (VIPP)	No	Workpaper activity includes managing and developing programs projects and activities to address risk (PAARs), risk analysis, data collection and management, database maintenance, and reporting. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																				
O&M	GAS INTEGRITY PROGRAMS	SubTotal DIMP				Yes																					
O&M	GAS INTEGRITY PROGRAMS	TIMP	Incident Related to the High Pressure System (Excluding Dig-in)	Integrity Assessments & Remediation (HCA and Non-HCA)	Transmission - HCA	No	Miles assessed	11				11	8				8	3	0	0	0	3	39%	0 %	0%	0 %	39%
O&M	GAS INTEGRITY PROGRAMS	TIMP	Incident Related to the High Pressure System (Excluding Dig-in)	Integrity Assessments & Remediation (HCA and Non-HCA)	Transmission - Non-HCA	No	Miles assessed	0				0	0				0	(0)	0	0	0	(0)	(60)%	0 %	0%	0 %	(60)%
O&M	GAS INTEGRITY PROGRAMS	SubTotal TIMP				Yes																					

SDG&E GAS INTEGRITY MANAGEMENT PROGRAMS O&M
Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Safety, Reliability, or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status	Status Variance Explanation Required?
O&M	GAS INTEGRITY MANAGEMENT PROGRAMS	GASINTEGRITY MANAGEMENT PROGRAMS				Yes										
O&M	GAS INTEGRITY PROGRAMS	DIMP	Incident Related to the Medium Pressure System (Excluding Dig-in)	Distribution Integrity Management Program (DIMP)	Plastic - Main (VIPP)	No	YES	YES	NO	DIMP complies with 49 CFR 192, Subpart P - Gas Distribution Pipeline Integrity Management and includes threat identification, risk assessment, and various programs to minimize threats and integrity concerns to reduce risk of pipeline incidents. The 2024 VIPP cost variance is driven by expenditures incurred to manage this program. While the TY 2024 GRC Decision (D.24-12-074) authorized SDG&E to execute VIPP replacements, it did not fund the necessary O&M activities to complete this work. SDG&E uses its Quantitative Risk Assessment (QRA) results to inform the prioritization of DREAMS VIPP replacements and costs were necessarily incurred for 2024 VIPP replacement activities. Actual O&M costs will continue to be incurred at a level necessary to conduct the safe operation and oversight of the VIPP.	N/A	On Target (T)	On Target (T)	Over (O)	Proceeding as Planned	NO
O&M	**GAS INTEGRITY PROGRAMS**	**SubTotal DIMP**				**Yes**	**YES**	**YES**								**NO**
O&M	GAS INTEGRITY PROGRAMS	TIMP	Incident Related to the High Pressure System (Excluding Dig-in)	Integrity Assessments & Remediation (HCA and Non-HCA)	Transmission - HCA	No	YES	YES	YES	TIMP complies with 49 CFR § 192, Subpart O—Gas Transmission Pipeline Integrity Management, and includes activities such as threat identification and risk assessment, pipeline assessments, remediation, and other actions that minimize threats and integrity concerns to reduce risk of pipeline failure. The number of assessment projects vary year to year primarily based on the timing and intervals of prior assessments and compliance dates. TIMP assessments may span both HCA and non-HCA segments and these tranches should be viewed in aggregate. Non-HCA pipeline segments include those in Class 3 and 4 locations, as well as Moderate Consequence Areas (MCAs), which are required under expanded PHMSA requirements per 49 CFR § 192.710. The allocation between the tranches is calculated based on the number of the actual 2024 completed assessment mileage. Furthermore, integrity assessments remain variable based on external factors (e.g., risks and threats) and individual project costs will differ. The 2024 variance in expenditures is primarily due to the expansion of the ILI program, as necessitated by the changes resulting from GTSR Part 1 (84 FR 52180). In order to assess manufacturing threats newly classified as active under 49 CFR § 192.917(e), SDG&E inspected previously unpiggable pipelines through the application of ILI technology.	TIMP complies with 49 CFR §192, Subpart O—Gas Transmission Pipeline Integrity Management, and includes activities such as threat identification and risk assessment, pipeline assessments, remediation, and other actions that minimize threats and integrity concerns to reduce risk of pipeline failure. Assessments vary year to year based on prescribed compliance-driven assessment cycles. TIMP assessments may span both HCA and non-HCA segments and these tranches should be viewed in aggregate. The allocation between the tranches is calculated based on the number of the actual 2024 completed assessment mileage. Due to regulatory changes in 49 CFR § 192.917(e) that resulted from the publication of the GTSR Part 1 (84 FR 52180), newly active manufacturing threats necessitated ILI assessments not forecasted at the time of the TY 2024 GRC application.	On Target (T)	On Target (T)	Over (O)	Proceeding as Planned	NO
O&M	GAS INTEGRITY PROGRAMS	TIMP	Incident Related to the High Pressure System (Excluding Dig-in)	Integrity Assessments & Remediation (HCA and Non-HCA)	Transmission - Non-HCA	No	YES	NO	YES	N/A	TIMP complies with 49 CFR §192, Subpart O—Gas Transmission Pipeline Integrity Management, and includes activities such as threat identification and risk assessment, pipeline assessments, remediation, and other actions that minimize threats and integrity concerns to reduce risk of pipeline failure. Assessments vary year to year based on prescribed compliance-driven assessment cycles. TIMP assessments may span both HCA and non-HCA segments and these tranches should be viewed in aggregate. Non-HCA pipeline segments include those in Class 3 and 4 locations, as well as Moderate Consequence Areas (MCAs), which are required under expanded PHMSA requirements per 49 CFR § 192.710. The allocation between the tranches is calculated based on the number of the actual 2024 completed assessment mileage. In 2024, most TIMP assessment activities during the year focused on High Consequence Area (HCA) pipeline segments. Based on risk evaluation and reassessment cycles, some of the non-HCA miles were deferred to future periods.	On Target (T)	On Target (T)	Over (O)	Proceeding as Planned	NO
O&M	**GAS INTEGRITY PROGRAMS**	**SubTotal TIMP**				**Yes**	**YES**	**YES**								**NO**

SDG&E GAS INTEGRITY MANAGEMENT PROGRAMS O&M
Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Treadie	Rollup	Status Variance Explanation	WP Activity Description	2024 GRC Testimony Location
O&M	GAS INTEGRITY MANAGEMENT PROGRAMS	GAS INTEGRITY MANAGEMENT PROGRAMS				Yes			
O&M	GAS INTEGRITY PROGRAMS	DIMP	Incident Related to the Medium Pressure System (Excluding Dig-in)	Distribution Integrity Management Program (DIMP)	Plastic - Main (VIPP)	No	N/A	DIMP activities and projects such as DREAMS, GIPP, SLIP, DRIP and other various activities in compliance with 49 CFR Part 192, Subpart P.	SDGE-09-R AK-TS-20 to AK-TS-32 WP ITDMO.000
O&M	GAS INTEGRITY PROGRAMS	SubTotal DIMP				Yes			
O&M	GAS INTEGRITY PROGRAMS	TIMP	Incident Related to the High Pressure System (Excluding Dig-in)	Integrity Assessments & Remediation (HCA and Non-HCA)	Transmission - HCA	No	N/A	TIMP assessments, remediation, preventative & mitigative measures, and other activities in compliance with 49 CFR Part 192, Subpart O, as well as new requirements of 49 CFR § 192.710.	SDGE-09-R AK-TS-19 to AK-TS-26 WP ITD001.000
O&M	GAS INTEGRITY PROGRAMS	TIMP	Incident Related to the High Pressure System (Excluding Dig-in)	Integrity Assessments & Remediation (HCA and Non-HCA)	Transmission - Non-HCA	No	N/A	TIMP assessments, remediation, preventative & mitigative measures, and other activities in compliance with 49 CFR Part 192, Subpart O, as well as new requirements of 49 CFR § 192.710.	SDGE-09-R AK-TS-19 to AK-TS-26 WP ITD001.000
O&M	GAS INTEGRITY PROGRAMS	SubTotal TIMP				Yes			

SDG&E CORPORATE CENTER - INSURANCE O&M
Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date ($)
O&M	CORPORATE CENTER -INSURANCE	CORPORATE CENTER - INSURANCE				Yes			196,668	--	--	--	196,668	2,33,718	240,725	247,947	255,386	2,33,718
O&M	CORPORATE CENTER - INSURANCE	EXCESS WORKERS COMPENSATION INSURANCE - FY25.1	Non-RAMP	Non-RAMP	Non-RAMP	No			2,004	--	--	--	2,004	3,757	3,870	3,986	4,106	3,757
O&M	**CORPORATE CENTER -INSURANCE**	**Sub Total EXCESS WORKERS COMPENSATION INSURANCE - FY25.1**				Yes			**2,004**	--	--	--	**2,004**	**3,757**	**3,870**	**3,986**	**4,106**	**3,757**
O&M	CORPORATE CENTER - INSURANCE	RSECC EXCESS LIABILITY INSURANCE -PLPD - FY25.0	Non-RAMP	Non-RAMP	Non-RAMP	No			44,458	--	--	--	44,458	54,132	55,756	57,429	59,152	54,132
O&M	**CORPORATE CENTER -INSURANCE**	**Sub Total RSECC EXCESS LIABILITY INSURANCE -PLPD - FY25.0**				Yes			**44,458**	--	--	--	**44,458**	**54,132**	**55,756**	**57,429**	**59,152**	**54,132**
O&M	CORPORATE CENTER - INSURANCE	RSECC EXCESS LIABILITY INSURANCE -PLPD - FY25.5 WILDFIRE	Non-RAMP	Non-RAMP	Non-RAMP	No			146,668	--	--	--	146,668	172,697	177,878	183,214	188,710	177,697
O&M	**CORPORATE CENTER -INSURANCE**	**Sub Total RSECC EXCESS LIABILITY INSURANCE -PLPD - FY25.5 WILDFIRE**				Yes			**146,668**	--	--	--	**146,668**	**172,697**	**177,878**	**183,214**	**188,710**	**177,697**
O&M	CORPORATE CENTER - INSURANCE	RSECC OTHER LIABILITY INSURANCE NON-NUCLEAR - FY25.3	Non-RAMP	Non-RAMP	Non-RAMP	No			2,576	--	--	--	2,576	3,129	3,225	3,321	3,420	3,129
O&M	**CORPORATE CENTER -INSURANCE**	**Sub Total RSECC OTHER LIABILITY INSURANCE NONNUCLEAR - FY25.3**				Yes			**2,576**	--	--	--	**2,576**	**3,129**	**3,225**	**3,321**	**3,420**	**3,129**

SDG&E CORPORATE CENTER - INSURANCE O&M
Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference ($)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
O&M	CORPORATE CENTER -INSURANCE	CORPORATE CENTER - INSURANCE				Yes	(10,110)	(7,164,727)	(7,167,564)	(268,300)	(91,110)	-16%	-100%	-100%	-100%	-16%
O&M	CORPORATE CENTER - INSURANCE	EXCESS WORKERS COMPENSATION INSURANCE - FY25.1	Non-RAMP	Non-RAMP	Non-RAMP	No	(853)	(5,870)	(3,806)	(4,106)	(853)	-23%	-100%	-100%	-100%	-23%
O&M	**CORPORATE CENTER -INSURANCE**	**Sub Total EXCESS WORKERS COMPENSATION INSURANCE - FY25.1**				Yes	**(853)**	**(5,870)**	**(3,806)**	**(4,106)**	**(853)**	**-23%**	**-100%**	**-100%**	**-100%**	**-23%**
O&M	CORPORATE CENTER - INSURANCE	RSECC EXCESS LIABILITY INSURANCE -PLPD - FY25.0	Non-RAMP	Non-RAMP	Non-RAMP	No	(9,674)	(55,756)	(57,429)	(59,152)	(9,674)	-18%	-100%	-100%	-100%	-18%
O&M	**CORPORATE CENTER -INSURANCE**	**Sub Total RSECC EXCESS LIABILITY INSURANCE -PLPD - FY25.0**				Yes	**(9,674)**	**(55,756)**	**(57,429)**	**(59,152)**	**(9,674)**	**-18%**	**-100%**	**-100%**	**-100%**	**-18%**
O&M	CORPORATE CENTER - INSURANCE	RSECC EXCESS LIABILITY INSURANCE -PLPD - FY25.5 WILDFIRE	Non-RAMP	Non-RAMP	Non-RAMP	No	(26,029)	(177,879)	(183,214)	(188,710)	(260.29)	-15%	-100%	-100%	-100%	-15%
O&M	**CORPORATE CENTER -INSURANCE**	**Sub Total RSECC EXCESS LIABILITY INSURANCE -PLPD - FY25.5 WILDFIRE**				Yes	**(26,029)**	**(177,879)**	**(183,214)**	**(188,710)**	**(260.29)**	**-15%**	**-100%**	**-100%**	**-100%**	**-15%**
O&M	CORPORATE CENTER - INSURANCE	RSECC OTHER LIABILITY INSURANCE NON-NUCLEAR - FY25.3	Non-RAMP	Non-RAMP	Non-RAMP	No	(553)	(3,223)	(3,321)	(3,420)	(553)	-18%	-100%	-100%	-100%	-18%
O&M	**CORPORATE CENTER -INSURANCE**	**Sub Total RSECC OTHER LIABILITY INSURANCE NONNUCLEAR - FY25.3**				Yes	**(553)**	**(3,223)**	**(3,321)**	**(3,420)**	**(553)**	**-18%**	**-100%**	**-100%**	**-100%**	**-18%**

SDG&E CORPORATE CENTER - INSURANCE O&M
Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
O&M	**CORPORATE CENTER-INSURANCE**	**CORPORATE CENTER - INSURANCE**				Yes																					
O&M	CORPORATE CENTER - INSURANCE	EXCESS WORKERS COMPENSATION INSURANCE - FP25.1	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	**CORPORATE CENTER - INSURANCE**	**Sub Total EXCESS WORKERS COMPENSATION INSURANCE - FP25.1**				Yes																					
O&M	CORPORATE CENTER - INSURANCE	RSECC EXCESS LIABILITY INSURANCE- PLPD - FP25.0	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	**CORPORATE CENTER - INSURANCE**	**Sub Total RSECC EXCESS LIABILITY INSURANCE PLPD - FP25.0**				Yes																					
O&M	CORPORATE CENTER - INSURANCE	RSECC EXCESS LIABILITY INSURANCE PLPD - FP25.5 WILDFIRE	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	**CORPORATE CENTER - INSURANCE**	**Sub Total RSECC EXCESS LIABILITY INSURANCE PLPD - FP25.5 WILDFIRE**				Yes																					
O&M	CORPORATE CENTER - INSURANCE	RSECC OTHER LIABILITY INSURANCE NON-NUCLEAR - FP25.3	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	**CORPORATE CENTER - INSURANCE**	**Sub Total RSECC OTHER LIABILITY INSURANCE NONNUCLEAR - FP25.3**				Yes																					

SDG&E CORPORATE CENTER - INSURANCE O&M
Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Safety, Reliability, or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status	Status Variance Explanation Required?
O&M	CORPORATE CENTER - INSURANCE	CORPORATE CENTER - INSURANCE				Yes										
O&M	CORPORATE CENTER - INSURANCE	EXCESS WORKERS COMPENSATION INSURANCE - FY25.1	Non-RAMP	Non -RAMP	Non-RAMP	No	NO	N/A	N/A							N/A
O&M	**CORPORATE CENTER - INSURANCE**	**Sub Total EXCESS WORKERS COMPENSATION INSURANCE - FY25.1**				Yes	NO	N/A	N/A							N/A
O&M	CORPORATE CENTER - INSURANCE	RSECC EXCESS LIABILITY INSURANCE- PLPD - FY25.0	Non-RAMP	Non -RAMP	Non-RAMP	No	NO	N/A	N/A							N/A
O&M	**CORPORATE CENTER - INSURANCE**	**Sub Total RSECC EXCESS LIABILITY INSURANCE PLPD - FY25.0**				Yes	NO	N/A	N/A							N/A
O&M	CORPORATE CENTER - INSURANCE	RSECC EXCESS LIABILITY INSURANCE PLPD - FY25.5 WILDFIRE	Non-RAMP	Non -RAMP	Non-RAMP	No	NO	N/A	N/A							N/A
O&M	**CORPORATE CENTER - INSURANCE**	**Sub Total RSECC EXCESS LIABILITY INSURANCE PLPD - FY25.5 WILDFIRE**				Yes	NO	N/A	N/A							N/A
O&M	CORPORATE CENTER - INSURANCE	RSECC OTHER LIABILITY INSURANCE NON-NUCLEAR - FY25.3	Non-RAMP	Non -RAMP	Non-RAMP	No	NO	N/A	N/A							N/A
O&M	**CORPORATE CENTER - INSURANCE**	**Sub Total RSECC OTHER LIABILITY INSURANCE NONNUCLEAR - FY25.3**				Yes	NO	N/A	N/A							N/A

SDG&E CORPORATE CENTER - INSURANCE O&M
Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Status Variance Explanation	WP Activity Description	2024 GRC Testimony Location
O&M	CORPORATE CENTER -INSURANCE	CORPORATE CENTER - INSURANCE				Yes			
O&M	CORPORATE CENTER - INSURANCE	EXCESS WORKERS COMPENSATION INSURANCE - FY25.1	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**CORPORATE CENTER -INSURANCE**	**Sub Total EXCESS WORKERS COMPENSATION INSURANCE - FY25.1**				Yes			
O&M	CORPORATE CENTER - INSURANCE	RSECC EXCESS LIABILITY INSURANCE- PLPD - FY25.0	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**CORPORATE CENTER -INSURANCE**	**Sub Total RSECC EXCESS LIABILITY INSURANCE- PLPD - FY25.0**				Yes			
O&M	CORPORATE CENTER - INSURANCE	RSECC EXCESS LIABILITY INSURANCE- PLPD - FY25.5 WILDFIRE	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**CORPORATE CENTER -INSURANCE**	**Sub Total RSECC EXCESS LIABILITY INSURANCE- PLPD - FY25.5 WILDFIRE**				Yes			
O&M	CORPORATE CENTER - INSURANCE	RSECC OTHER LIABILITY INSURANCE- NON-NUCLEAR - FY25.3	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**CORPORATE CENTER -INSURANCE**	**Sub Total RSECC OTHER LIABILITY INSURANCE- NON-NUCLEAR - FY25.3**				Yes			

SDG&E CORPORATE CENTER - PENSION AND POSTRETIREMENT BENEFITS OTHER THAN PENSION O&M
Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP/Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date ($)
O&M	CORPORATE CENTER - PENSION AND POSTRETIREMENT BENEFITS OTHER THAN PENSION	CORPORATE CENTER - PENSION AND POSTRETIREMENT BENEFITS OTHER THAN PENSION				No			34,927	—	—	—	34,927	34,928	35,976	37,055	38,167	34,928
O&M	CORPORATE CENTER - PENSION & PBOP	EMPLOYEE PBOP	Non-RAMP	Non-RAMP	Non-RAMP	No			220	—	—	—	220	347	357	368	379	347
O&M	**CORPORATE CENTER - PENSION & PBOP**	**SubTotal EMPLOYEE PBOP**				Yes			**220**	—	—	—	**220**	**3.47**	**357**	**3.68**	**379**	**3.47**
O&M	CORPORATE CENTER - PENSION & PBOP	EMPLOYEE PENSION	Non-RAMP	Non-RAMP	Non-RAMP	No			34,927	—	—	—	34,927	34,928	35,976	37,055	38,167	34,928
O&M	**CORPORATE CENTER - PENSION & PBOP**	**SubTotal EMPLOYEE PENSION**				Yes			**34,927**	—	—	—	**34,927**	**34,928**	**35,976**	**37,055**	**38,167**	**34,928**

SDG&E CORPORATE CENTER - PENSION AND POSTRETIREMENT BENEFITS OTHER THAN PENSION O&M
Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP/Risk Chapter	RAMP Mitigation Activity	RAMP Trouble	Roll-up	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference ($)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
O&M	CORPORATE CENTER - PENSION AND POSTRETIREMENT BENEFITS OTHER THAN PENSION	CORPORATE CENTER - PENSION AND POSTRETIREMENT BENEFITS OTHER THAN PENSION				Yes	(127)	(1,915)	(1,453)	(1,064)	(127)	-56%	-100%	-100%	-100%	-56%
O&M	CORPORATE CENTER - PENSION & PBOP	EMPLOYEE PBOP	Non-RAMP	Non-RAMP	Non-RAMP	No	(127)	(857)	(368)	(379)	(127)	-56%	-100%	-100%	-100%	-56%
O&M	**CORPORATE CENTER - PENSION & PBOP**	**SubTotal EMPLOYEE PBOP**				**Yes**	**(127)**	**(357)**	**(368)**	**(379)**	**(127)**	**-56%**	**-100%**	**-100%**	**-100%**	**-36%**
O&M	CORPORATE CENTER - PENSION & PBOP	EMPLOYEE PENSION	Non-RAMP	Non-RAMP	Non-RAMP	No	(1)	(55,976)	(37,055)	(38,167)	(1)	-9%	-100%	-100%	-100%	-9%
O&M	**CORPORATE CENTER - PENSION & PBOP**	**SubTotal EMPLOYEE PENSION**				**Yes**	**(1)**	**(35,976)**	**(37,055)**	**(38,167)**	**(1)**	**-9%**	**-100%**	**-100%**	**-100%**	**-9%**

SDG&E CORPORATE CENTER - PENSION AND POSTRETIREMENT BENEFITS OTHER THAN PENSION O&M
Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP/Risk Chapter	RAMP Mitigation Activity	RAMP Trandie	Roll-up	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
O&M	CORPORATE CENTER - PENSION AND POSTRETIREMENT BENEFITS OTHER THAN PENSION	CORPORATE CENTER - PENSION AND POSTRETIREMENT BENEFITS OTHER THAN PENSION				Yes																					
O&M	CORPORATE CENTER - PENSION & PBOP	EMPLOYEE PBOP	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	CORPORATE CENTER - PENSION & PBOP	SubTotal EMPLOYEE PBOP				Yes																					
O&M	CORPORATE CENTER - PENSION & PBOP	EMPLOYEE PENSION	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	CORPORATE CENTER - PENSION & PBOP	SubTotal EMPLOYEE PENSION				Yes																					

SDG&E CORPORATE CENTER - PENSION AND POSTRETIREMENT BENEFITS OTHER THAN PENSION O&M
Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP/Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Safety, Reliability, or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status	Status Variance Explanation Required?
O&M	CORPORATE CENTER - PENSION AND POSTRETIREMENT BENEFITS OTHER THAN PENSION	CORPORATE CENTER - PENSION AND POSTRETIREMENT BENEFITS OTHER THAN PENSION				Yes										
O&M	CORPORATE CENTER - PENSION & PBOP	EMPLOYEE PBOP	Non-RAMP	Non-RAMP	Non-RAMP	No	NO									
O&M	**CORPORATE CENTER - PENSION & PBOP**	**SubTotal EMPLOYEE PBOP**				Yes	NO									
O&M	CORPORATE CENTER - PENSION & PBOP	EMPLOYEE PENSION	Non-RAMP	Non-RAMP	Non-RAMP	No	NO									
O&M	**CORPORATE CENTER - PENSION & PBOP**	**SubTotal EMPLOYEE PENSION**				Yes	NO									

SDG&E CORPORATE CENTER - PENSION AND POSTRETIREMENT BENEFITS OTHER THAN PENSION O&M
Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Trendsetter	Roll-up	Status Variance Explanation	WP Activity Description	2024 GRC Testimony Location
O&M	CORPORATE CENTER - PENSION AND POSTRETIREMENT BENEFITS OTHER THAN PENSION	CORPORATE CENTER - PENSION AND POSTRETIREMENT BENEFITS OTHER THAN PENSION				Yes			
O&M	CORPORATE CENTER - PENSION & PBOP	EMPLOYEE PBOP	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**CORPORATE CENTER - PENSION & PBOP**	**SubTotal EMPLOYEE PBOP**				Yes			
O&M	CORPORATE CENTER - PENSION & PBOP	EMPLOYEE PENSION	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**CORPORATE CENTER - PENSION & PBOP**	**SubTotal EMPLOYEE PENSION**				Yes			

SDG&E ELECTRIC DISTRIBUTION Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Project Life(Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date ($)
Type	ELECTRIC DISTRIBUTION	FERGUSON REBUILD (FERG)				Yes			XXXXX				XXXXX	4182	4182	4182	4182	4182
Capital	ELECTRIC DISTRIBUTION	3 ROOTS TL690, TL677 TL668 CUST RELO	Non-RAMP	Non-RAMP		No			141	---	---	---	141	1	1	1	1	1
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal 3 ROOTS TL690,TL677,TL668 CUST RELO**				**Yes**			**141**	---	---	---	**141**	**1**	**1**	**1**	**1**	**1**
Capital	ELECTRIC DISTRIBUTION	CITY OF SAN DIEGO SUR CHARGE PROG (20SD)	Non-RAMP	Non-RAMP	Non-RAMP	No			7,004	---	---	---	7,004	23,848	24,563	25,300	26,059	23,848
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal CITY OF SAN DIEGO SURCHARGE PROG (20SD)**				**Yes**			**7,004**	---	---	---	**7,004**	**23,848**	**24,563**	**25,300**	**26,059**	**23,848**
Capital	ELECTRIC DISTRIBUTION	CONVERSION FROM OH TO UG RULE 20A	Non-RAMP	Non-RAMP	Non-RAMP	No			3,194	---	---	---	3,194	19,477	20,061	20,663	21,283	19,477
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal CONVERSION FROM OH TO UG RULE 20A**				**Yes**			**3,194**	---	---	---	**3,194**	**19,477**	**20,061**	**20,663**	**21,283**	**19,477**
Capital	ELECTRIC DISTRIBUTION	CONVERSION FROM OH UG RULE 20B NEW BUSIN	Non-RAMP	Non-RAMP	Non-RAMP	No			896	---	---	---	896	2,140	2,204	2,270	2,338	2,140
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal CONVERSION FROM OH-UG RULE 20B NEW BUSIN**				**Yes**			**896**	---	---	---	**896**	**2,140**	**2,204**	**2,270**	**2,338**	**2,140**
Capital	ELECTRIC DISTRIBUTION	CONVERSION FROM OH UG RULE 20C	Non-RAMP	Non-RAMP	Non-RAMP	No			2,300	---	---	---	2,300	2,554	2,630	2,709	2,790	2,554
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal CONVERSION FROM OH-UG RULE 20C**				**Yes**			**2,300**	---	---	---	**2,300**	**2,554**	**2,630**	**2,709**	**2,790**	**2,554**
Capital	ELECTRIC DISTRIBUTION	CORONADO 69/12KV TRANSFORMER REPLACEMENT	Electric Infrastructure Integrity	Substation Reliability for Distribution Components - Coronado 69/12kV Transformer Replacements	Substation	No	4	4	1,281	---	---	---	1,281	871	897	924	952	871
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal CORONADO 69/12KV TRANSFORMER REPLACEMENT**				**Yes**			**1,281**	---	---	---	**1,281**	**871**	**897**	**924**	**952**	**871**
Capital	ELECTRIC DISTRIBUTION	CUSTOMER REQUESTED UPGRADES AND SERVICES	Non-RAMP	Non-RAMP	Non-RAMP	No			21,449	---	---	---	21,449	16,835	17,340	17,860	18,396	16,835
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal CUSTOMER REQUESTED UPGRADES AND SERVICES**				**Yes**			**21,449**	---	---	---	**21,449**	**16,835**	**17,340**	**17,860**	**18,396**	**16,835**
Capital	ELECTRIC DISTRIBUTION	DISTRIBUTED GENERATION INTERCONNECT. PRO	Non-RAMP	Non-RAMP	Non-RAMP	No			771	---	---	---	771	2,210	2,265	2,354	2,423	2,210
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal DISTRIBUTED GENERATION INTERCONNECT. PRO**				**Yes**			**771**	---	---	---	**771**	**2,210**	**2,265**	**2,354**	**2,425**	**2,210**
Capital	ELECTRIC DISTRIBUTION	DISTRIBUTION SYSTEM CAPACITY IMPROVEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	75	---	---	---	75	3,998	4,118	4,242	4,369	3,998
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal DISTRIBUTION SYSTEM CAPACITY IMPROVEMENT**				**Yes**			**75**	---	---	---	**75**	**3,998**	**4,118**	**4,242**	**4,369**	**3,998**
Capital	ELECTRIC DISTRIBUTION	ELCT TRANS SMALL REALIBILITY LORE-NON WMP	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	179	---	---	---	178	1,034	1,065	1,097	1,130	1,034
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal ELCT TRANS SMALL REALIBILTY JOBS- NON WMP**				**Yes**			**179**	---	---	---	**178**	**1,034**	**1,065**	**1,097**	**1,130**	**1,034**
Capital	ELECTRIC DISTRIBUTION	ELECTRIC - CONVERSION FROM OH TO UG RULE 20B	Non-RAMP	Non-RAMP	Non-RAMP	No			178	---	---	---	178	59,671	61,461	63,305	65,204	59,671
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal ELECTRIC - CONVERSION FROM OH TO UG RULE 20B**				**Yes**			**178**	---	---	---	**178**	**59,671**	**61,461**	**63,305**	**65,204**	**59,671**
Capital	ELECTRIC DISTRIBUTION	ELEC TRIC DIST. STREET/HWY RELOCATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No			3,076	---	---	---	3,076	7,971	8,210	8,456	8,710	7,971
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal ELECTRIC DIST.STREET/HWY RELOCATIONS**				**Yes**			**3,076**	---	---	---	**3,076**	**7,971**	**8,210**	**8,456**	**8,710**	**7,971**
Capital	ELECTRIC DISTRIBUTION	ELEC TRIC DISTRIBUTION EASEMENTS	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	3,879	---	---	---	3,879	2,837	2,922	3,010	3,100	2,837
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal ELECTRIC DISTRIBUTION EASEMENTS**				**Yes**			**3,879**	---	---	---	**3,879**	**2,837**	**2,922**	**3,010**	**3,100**	**2,837**
Capital	ELECTRIC DISTRIBUTION	ELECTRIC DISTRIBUTION TOOLS/EQUIPMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	865	---	---	---	865	2,632	2,711	2,792	2,876	2,632
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal ELECTRIC DISTRIBUTION TOOLS/EQUIPMENT**				**Yes**			**865**	---	---	---	**865**	**2,632**	**2,711**	**2,792**	**2,876**	**2,632**
Capital	ELECTRIC DISTRIBUTION	ELECTRIC METERS & REGULATORS	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	9,745	---	---	---	9,745	6,637	6,836	7,041	7,252	6,637
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal ELECTRIC METERS & REGULATORS**				**Yes**			**9,745**	---	---	---	**9,745**	**6,637**	**6,836**	**7,041**	**7,252**	**6,637**
Capital	ELECTRIC DISTRIBUTION	ELECTRIC TRANSMISSION TOOLS & EQUIPMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	370	---	---	---	370	555	572	589	607	555
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal ELECTRIC TRANSMISSION TOOLS & EQUIPMENT**				**Yes**			**370**	---	---	---	**370**	**555**	**572**	**589**	**607**	**555**
Capital	ELECTRIC DISTRIBUTION	FIBER OPTIC FOR RELAY PROTECT & TELECOM	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	3,903	---	---	---	3,903	8,929	9,197	9,473	9,757	8,929
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal FIBER OPTIC FOR RELAY PROTECT & TELECOM**				**Yes**			**3,903**	---	---	---	**3,903**	**8,929**	**9,197**	**9,473**	**9,757**	**8,929**
Capital	ELECTRIC DISTRIBUTION	FIELD SHUNT CAPACITORS	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	86	---	---	---	86	871	897	924	952	871
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal FIELD SHUNT CAPACITORS**				**Yes**			**86**	---	---	---	**86**	**871**	**897**	**924**	**952**	**871**
Capital	ELECTRIC DISTRIBUTION	FUTURE CAPACITY PROJECTS	Non-RAMP	Non-RAMP	Non-RAMP	No			13,022	---	---	---	13,022	9,652	9,942	10,240	10,547	9,652
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal FUTURE CAPACITY PROJECTS**				**Yes**			**13,022**	---	---	---	**13,022**	**9,652**	**9,942**	**10,240**	**10,547**	**9,652**
Capital	ELECTRIC DISTRIBUTION	GRANITE SUBSTATION 69KV LOOP-IN	Non-RAMP	Non-RAMP		No	3	2	298	---	---	---	298	177	182	187	193	177
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal GRANITE SUBSTATION 69KV LOOP-IN**				**Yes**			**298**	---	---	---	**298**	**177**	**182**	**187**	**193**	**177**
Capital	ELECTRIC DISTRIBUTION	LA JOLLA 69/12KV TRANSFORMER REPLACEMENT	Electric Infrastructure Integrity	La Jolla 69/12kV Transformer Replacement	Substation	No	4	Cancelled	117	---	---	---	117	135	139	143	147	135
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal LA JOLLA 69/12KV TRANSFORMER REPLACEMENT**				**Yes**			**117**	---	---	---	**117**	**135**	**139**	**143**	**147**	**135**
Capital	ELECTRIC DISTRIBUTION	MISSION DCC REMODEL PROJECT	Non-RAMP	Non-RAMP	Non-RAMP	No	3	3	309	---	---	---	309	10,348	10,658	10,978	11,307	10,348
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal MISSION DCC REMODEL PROJECT**				**Yes**			**309**	---	---	---	**309**	**10,348**	**10,658**	**10,978**	**11,307**	**10,348**
Capital	ELECTRIC DISTRIBUTION	NEW BUSINESS INFRASTRUCTURE	Non-RAMP	Non-RAMP	Non-RAMP	No			4,121	---	---	---	4,121	6,465	6,659	6,859	7,064	6,465
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal NEW BUSINESS INFRASTRUCTURE**				**Yes**			**4,121**	---	---	---	**4,121**	**6,465**	**6,659**	**6,859**	**7,064**	**6,465**
Capital	ELECTRIC DISTRIBUTION	NEW SERVICE INSTALLATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No			10,468	---	---	---	10,468	8,718	8,980	9,250	9,527	8,718
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal NEW SERVICE INSTALLATIONS**				**Yes**			**10,468**	---	---	---	**10,468**	**8,718**	**8,980**	**9,250**	**9,527**	**8,718**
Capital	ELECTRIC DISTRIBUTION	OH NON-RESIDENTIAL NB	Non-RAMP	Non-RAMP	Non-RAMP	No			1,352	---	---	---	1,352	1,279	1,318	1,358	1,399	1,279
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal OH NON-RESIDENTIAL NB**				**Yes**			**1,352**	---	---	---	**1,352**	**1,279**	**1,318**	**1,358**	**1,399**	**1,279**
Capital	ELECTRIC DISTRIBUTION	OH RESIDENTIAL NB	Non-RAMP	Non-RAMP	Non-RAMP	No			1,098	---	---	---	1,098	1,050	1,081	1,113	1,146	1,050
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal OH RESIDENTIAL NB**				**Yes**			**1,098**	---	---	---	**1,098**	**1,050**	**1,081**	**1,113**	**1,146**	**1,050**
Capital	ELECTRIC DISTRIBUTION	PLANNED INVESTMENTS	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	1,929	---	---	---	1,929	4,433	4,566	4,703	4,844	4,433
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal PLANNED INVESTMENTS**				**Yes**			**1,929**	---	---	---	**1,929**	**4,433**	**4,566**	**4,703**	**4,844**	**4,433**
Capital	ELECTRIC DISTRIBUTION	RAMP - CORRECTIVE MAINTENANCE PROGRAM (CMP)	Electric Infrastructure Integrity	GO165 Corrective Maintenance Program Underground	UG Distribution	No	On-going	Annual	22,351	---	---	---	22,351	14,073	14,495	14,930	15,378	14,073
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP - CORRECTIVE MAINTENANCE PROGRAM (CMP)**				**Yes**			**22,351**	---	---	---	**22,351**	**14,073**	**14,495**	**14,930**	**15,378**	**14,073**
Capital	ELECTRIC DISTRIBUTION	RAMP - INSTALL SCADA ON LINE CAPACITORS	Electric Infrastructure Integrity	SCADA Capacitors	OH Distribution	No	On-going	Annual	158	---	---	---	158	864	890	917	944	864
Capital	ELECTRIC DISTRIBUTION	RAMP - INSTALL SCADA ON LINE CAPACITORS	Electric Infrastructure Integrity	SCADA Capacitors	UG Distribution	No	On-going	Annual	68	---	---	---	68	370	381	392	404	370
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP - INSTALL SCADA ON LINE CAPACITORS**				**Yes**			**225**	---	---	---	**225**	**1,234**	**1,271**	**1,309**	**1,348**	**1,234**

SDG&E ELECTRIC DISTRIBUTION Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	ReRun	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date ($)
Capital	ELECTRIC DISTRIBUTION	RAMP - MANHOLE, HANDHOLE, AND VAULT RESTORATION	Electric Infrastructure Integrity	GO 165 Manhole, Vault Restoration Program	Manhole/Handhole	No	On-going	Annual	4,110	—	—	—	4,110	5,405	5,567	5,734	5,906	5,405
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP - MANHOLE, HANDHOLE, AND VAULT RESTORATION**				**Yes**			**4,110**	**—**	**—**	**—**	**4,110**	**5,405**	**5,567**	**5,734**	**5,906**	**5,405**
Capital	ELECTRIC DISTRIBUTION	RAMP - POLE REPLACEMENT AND REINFORCEMENT	Electric Infrastructure Integrity	GO165 Pole Replacement Reinforcement	N/A	No	On-going	Annual	19,509	—	—	—	19,509	15,933	16,411	16,903	17,410	15,933
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP - POLE REPLACEMENT AND REINFORCEMENT**				**Yes**			**19,509**	**—**	**—**	**—**	**19,509**	**15,933**	**16,411**	**16,903**	**17,410**	**15,933**
Capital	ELECTRIC DISTRIBUTION	RAMP - REPLACE OBSOLETE SUBSTATION EQUIPMENT	Electric Infrastructure Integrity	Distribution Substation Obsolete Equipment	Substation	No	On-going	Annual	1,731	—	—	—	1,731	2,642	2,721	2,803	2,887	2,642
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP - REPLACE OBSOLETE SUBSTATION EQUIPMENT**				**Yes**			**1,731**	**—**	**—**	**—**	**1,731**	**2,642**	**2,721**	**2,803**	**2,887**	**2,642**
Capital	ELECTRIC DISTRIBUTION	RAMP - STUART 12KV TRANSFORMER REPLACEMENT	Electric Infrastructure Integrity	Stuart 12kV Transformer Replacement	Substation	No	2	2	—	—	—	—	—	1,091	1,124	1,158	1,193	1,091
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP - STUART 12KV TRANSFORMER REPLACEMENT**				**Yes**			**—**	**—**	**—**	**—**	**—**	**1,091**	**1,124**	**1,158**	**1,193**	**1,091**
Capital	ELECTRIC DISTRIBUTION	RAMP- 4KV MODERNIZATION	Electric Infrastructure Integrity	4kV Modernization Program Distribution	OH Distribution	No	On-going	Annual	223	—	—	—	223	8,202	8,448	8,701	8,962	8,202
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- 4KV MODERNIZATION**				**Yes**			**223**	**—**	**—**	**—**	**223**	**8,202**	**8,448**	**8,701**	**8,962**	**8,202**
Capital	ELECTRIC DISTRIBUTION	RAMP- AVIAN PROTECTION	Electric Infrastructure Integrity	Avian Protection Program	OH Distribution	No	On-going	Annual	14	—	—	—	14	234	241	248	255	234
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- AVIAN PROTECTION**				**Yes**			**14**	**—**	**—**	**—**	**14**	**234**	**241**	**248**	**255**	**234**
Capital	ELECTRIC DISTRIBUTION	RAMP- BERNARDO 12 KV BREAKERS AND TRANSFORMER	Electric Infrastructure Integrity	Substation Reliability for Distribution Components Bernardo 12kV Breakers Replacements	Substation	No	1	1	—	—	—	—	—	1,162	1,197	1,233	1,270	1,162
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- BERNARDO 12 KV BREAKERS AND TRANSFORMER**				**Yes**			**—**	**—**	**—**	**—**	**—**	**1,162**	**1,197**	**1,233**	**1,270**	**1,162**
Capital	ELECTRIC DISTRIBUTION	RAMP- CAPITAL RESTORATION OF SERVICE	Electric Infrastructure Integrity	Restoration of Service	N/A	No	On-going	Annual	10,934	—	—	—	10,934	11,938	12,296	12,665	13,045	11,938
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- CAPITAL RESTORATION OF SERVICE**				**Yes**			**10,934**	**—**	**—**	**—**	**10,934**	**11,938**	**12,296**	**12,665**	**13,045**	**11,938**
Capital	ELECTRIC DISTRIBUTION	RAMP- DISTRIBUTION CIRCUIT RELIABILITY CONSTRUCTION	Electric Infrastructure Integrity	Distribution Circuit Reliability	OH Distribution	No	On-going	Annual	692	—	—	—	692	2,068	2,131	2,194	2,261	2,068
Capital	ELECTRIC DISTRIBUTION	RAMP- DISTRIBUTION CIRCUIT RELIABILITY CONSTRUCTION	Electric Infrastructure Integrity	Distribution Circuit Reliability	UG Distribution	No	On-going	Annual	1,038	—	—	—	1,038	3,102	3,194	3,291	3,389	3,102
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- DISTRIBUTION CIRCUIT RELIABILITY CONSTRUCTION**				**Yes**			**1,729**	**—**	**—**	**—**	**1,729**	**5,170**	**5,325**	**5,485**	**5,650**	**5,170**
Capital	ELECTRIC DISTRIBUTION	RAMP- DISTRIBUTION SUBSTATION RELIABILITY	Electric Infrastructure Integrity	Minor Distribution Substation Reliability Projects	N/A	No	On-going	Annual	1,573	—	—	—	1,573	1,725	1,777	1,830	1,885	1,725
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- DISTRIBUTION SUBSTATION RELIABILITY**				**Yes**			**1,573**	**—**	**—**	**—**	**1,573**	**1,725**	**1,777**	**1,830**	**1,885**	**1,725**
Capital	ELECTRIC DISTRIBUTION	RAMP- DOE SWITCH REPLACEMENT	Electric Infrastructure Integrity	DOE Switch Replacement Underground	UG Distribution	No	On-going	Annual	2,325	—	—	—	2,325	7,249	7,466	7,690	7,921	7,249
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- DOE SWITCH REPLACEMENT**				**Yes**			**2,325**	**—**	**—**	**—**	**2,325**	**7,249**	**7,466**	**7,690**	**7,921**	**7,249**
Capital	ELECTRIC DISTRIBUTION	RAMP- EL CAJON 12KV BREAKER REPLACEMENTS	Non-RAMP	Non-RAMP	Non-RAMP	No	4	Completed	2,112	—	—	—	2,112	—	—	—	—	—
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- EL CAJON 12KV BREAKER REPLACEMENTS**				**Yes**			**2,112**	**—**	**—**	**—**	**2,112**	**—**	**—**	**—**	**—**	**—**
Capital	ELECTRIC DISTRIBUTION	RAMP- EMERGENCY TRANSFORMER & SWITCHGEAR	Electric Infrastructure Integrity	Emergency Transformer and Switchgear	N/A	No	On-going	Annual	961	—	—	—	961	419	432	445	458	419
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- EMERGENCY TRANSFORMER & SWITCHGEAR**				**Yes**			**961**	**—**	**—**	**—**	**961**	**419**	**432**	**445**	**458**	**419**
Capital	ELECTRIC DISTRIBUTION	RAMP- HIGH RISK SWITCH REPLACEMENT PROJECT	Electric Infrastructure Integrity	Distribution Overhead Switch Replacement Program	OH Distribution	No	On-going	Annual	352	—	—	—	352	1,043	1,074	1,106	1,139	1,043
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- HIGHRISK SWITCH REPLACEMENT PROJECT**				**Yes**			**352**	**—**	**—**	**—**	**352**	**1,043**	**1,074**	**1,106**	**1,139**	**1,043**
Capital	ELECTRIC DISTRIBUTION	RAMP- ENERGIZED TEST YARD	Non-RAMP	Non-RAMP	Non-RAMP	No	6	8	52	—	—	—	52	—	—	—	—	—
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- ENERGIZED TEST YARD**				**Yes**			**52**	**—**	**—**	**—**	**52**	**—**	**—**	**—**	**—**	**—**
Capital	ELECTRIC DISTRIBUTION	RAMP- MANAGEMENT OF OH DIST. SERVICE	Electric Infrastructure Integrity	Management of Overhead Distribution Service (Non-CMP)	N/A	No	On-going	Annual	10,644	—	—	—	10,644	10,176	10,481	10,795	11,119	10,176
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- MANAGEMENT OF OH DIST. SERVICE**				**Yes**			**10,644**	**—**	**—**	**—**	**10,644**	**10,176**	**10,481**	**10,795**	**11,119**	**10,176**
Capital	ELECTRIC DISTRIBUTION	RAMP- MANAGEMENT OF UG DIST. SERVICE	Electric Infrastructure Integrity	Management of Underground Distribution Service	N/A	No	On-going	Annual	6,217	—	—	—	6,217	4,204	4,330	4,460	4,594	4,204
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- MANAGEMENT OF UG DIST. SERVICE**				**Yes**			**6,217**	**—**	**—**	**—**	**6,217**	**4,204**	**4,330**	**4,460**	**4,594**	**4,204**
Capital	ELECTRIC DISTRIBUTION	RAMP- MIRAMAR 12KV REPLACEMENTS	Electric Infrastructure Integrity	Substation Reliability for Distribution Components Miramar 12kV Replacements	Substation	No	3	3	40	—	—	—	40	124	128	132	136	124
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- MIRAMAR 12KV REPLACEMENTS**				**Yes**			**40**	**—**	**—**	**—**	**40**	**124**	**128**	**132**	**136**	**124**
Capital	ELECTRIC DISTRIBUTION	RAMP- MISSION 12KV REPLACEMENTS	Non-RAMP	Non-RAMP	Non-RAMP	No	4	5	1,372	—	—	—	1,372	—	—	—	—	—
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- MISSION 12 KV REPLACEMENTS**				**Yes**			**1,372**	**—**	**—**	**—**	**1,372**	**—**	**—**	**—**	**—**	**—**
Capital	ELECTRIC DISTRIBUTION	RAMP- NORTH HARBOR	Electric Infrastructure Integrity	Underground Cable Replacement Program Proactive North Harbor Project	UG Distribution	No	2	2	—	—	—	—	—	9,730	10,022	10,323	10,633	9,730

SDG&E ELECTRIC DISTRIBUTION Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	RoRup	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date ($)
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- NORTH HARBOR**				**Yes**								**9,730**	**10,022**	**10,323**	**10,633**	**9,730**
Capital	ELECTRIC DISTRIBUTION	RAMP- OH PUBLIC SAFETY (OPS)	Electric Infrastructure Integrity	Overhead Public Safety (OPS) Program	OH Distribution	No	On-going	Annual	291	—	—	—	291	8,465	8,719	8,981	9,250	8,465
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- OH PUBLIC SAFETY (OPS)**				**Yes**			**291**	**—**	**—**	**—**	**291**	**8,465**	**8,719**	**8,981**	**9,250**	**8,465**
Capital	ELECTRIC DISTRIBUTION	RAMP- PLANNED CABLE REPLACEMENTS	Electric Infrastructure Integrity	Underground Cable Replacement Program Proactive	UG Distribution	No	On-going	Annual	3,308	—	—	—	3,308	4,301	4,430	4,563	4,700	4,301
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- PLANNED CABLE REPLACEMENTS**				**Yes**			**3,308**	**—**	**—**	**—**	**3,308**	**4,301**	**4,430**	**4,563**	**4,700**	**4,301**
Capital	ELECTRIC DISTRIBUTION	RAMP- POWER QUALITY PROGRAM	Electric Infrastructure Integrity	Power Quality Monitor Deployment and Replacement	N/A	No	On-going	Annual	285	—	—	—	285	2,884	2,970	3,059	3,151	2,884
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- POWER QUALITY PROGRAM**				**Yes**			**285**	**—**	**—**	**—**	**285**	**2,884**	**2,970**	**3,059**	**3,151**	**2,884**
Capital	ELECTRIC DISTRIBUTION	RAMP- PROACTIVE DEAD FRONT TERMINATOR DEPLOY	Electric Infrastructure Integrity	Replacement of Live Front Equipment - Proactive	UG Distribution	No	On-going	Annual	63	—	—	—	63	885	912	939	967	885
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- PROACTIVE DEAD FRONT TERMINATOR DEPLOY**				**Yes**			**63**	**—**	**—**	**—**	**63**	**885**	**912**	**939**	**967**	**885**
Capital	ELECTRIC DISTRIBUTION	RAMP- REPLACEMENT OF LIVE FRONT EQUIPMENT	Electric Infrastructure Integrity	Replacement of Live Front Equipment - Reactive	N/A	No	On-going	Annual	1	—	—	—	1	458	472	486	501	458
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- REPLACEMENT OF LIVE FRONT EQUIPMENT**				**Yes**			**1**	**—**	**—**	**—**	**1**	**458**	**472**	**486**	**501**	**458**
Capital	ELECTRIC DISTRIBUTION	RAMP- REPLACEMENT OF UNDERGROUND CABLES	Electric Infrastructure Integrity	Underground Cable Replacement Program Reactive	N/A	No	On-going	Annual	6,596	—	—	—	6,596	7,270	7,488	7,713	7,944	7,270
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- REPLACEMENT OF UNDERGROUND CABLES**				**Yes**			**6,596**	**—**	**—**	**—**	**6,596**	**7,270**	**7,488**	**7,713**	**7,944**	**7,270**
Capital	ELECTRIC DISTRIBUTION	RAMP- RTU MODERNIZATION	Electric Infrastructure Integrity	Field SCADA RTU Replacement	UG Distribution	No	On-going	Annual	771	—	—	—	771	792	816	840	865	792
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- RTU MODERNIZATION**				**Yes**			**771**	**—**	**—**	**—**	**771**	**792**	**816**	**840**	**865**	**792**
Capital	ELECTRIC DISTRIBUTION	RAMP- SAN MARCOS SUB REBUILD 69KV & 12KV	Electric Infrastructure Integrity	San Marcos Substation 69kV Rebuild & 12kV Switchgear	Substation	No		8 Cancelled	(408)	—	—	—	(408)	127	131	135	139	127
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- SAN MARCOS SUB REBUILD 69KV & 12 KV**				**Yes**			**(408)**	**—**	**—**	**—**	**(408)**	**127**	**131**	**135**	**139**	**127**
Capital	ELECTRIC DISTRIBUTION	RAMP- SUBSTATION SCADA EXPANSION-DISTRIBUTION	Electric Infrastructure Integrity	Distribution Substation SCADA Expansion	N/A	No	On-going	Annual	413	—	—	—	413	2,227	2,294	2,363	2,434	2,227
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- SUBSTATION SCADA EXPANSION-DISTRIBUTION**				**Yes**			**413**	**—**	**—**	**—**	**413**	**2,227**	**2,294**	**2,363**	**2,434**	**2,227**
Capital	ELECTRIC DISTRIBUTION	RAMP- SUBSTATION MOD TO SUPPORT FLISR	Non-RAMP	Non-RAMP	Non-RAMP	No		6 Completed	34	—	—	—	34	—	—	—	—	—
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- SUBSTATION MOD TO SUPPORT FLISR**				**Yes**			**34**	**—**	**—**	**—**	**34**	**—**	**—**	**—**	**—**	**—**
Capital	ELECTRIC DISTRIBUTION	RAMP- TEE MODERNIZATION PROGRAM	Electric Infrastructure Integrity	Tee Modernization Program	UG Distribution	No	On-going	Annual	4,922	—	—	—	4,922	4,432	4,565	4,702	4,843	4,432
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- TEE MODERNIZATION PROGRAM**				**Yes**			4,922	**—**	**—**	**—**	**4,922**	**4,432**	**4,565**	**4,702**	**4,843**	**4,432**
Capital	ELECTRIC DISTRIBUTION	RAMP- TORREY PINES 12KV BREAKER REPLACEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	5	5	859	—	—	—	859	—	—	—	—	—
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- TORREY PINES 12KV BREAKER REPLACEMENT**				**Yes**			**859**	**—**	**—**	**—**	**859**	**—**	**—**	**—**	**—**	**—**
Capital	ELECTRIC DISTRIBUTION	RAMP- URBAN SUBSTATION REBUILD	Non-RAMP	Non-RAMP	Non-RAMP	No	4	5	464	—	—	—	464	—	—	—	—	—
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- URBAN SUBSTATION REBUILD**				**Yes**			**464**	**—**	**—**	**—**	**464**	**—**	**—**	**—**	**—**	**—**
Capital	ELECTRIC DISTRIBUTION	RAMP-NON-HFTD WIRELESS FAULT INDICATORS	Electric Infrastructure Integrity	Non-HFTD Wireless Fault Indicator	OH Distribution	No	On-going	Annual	—	—	—	—	—	1,558	1,605	1,653	1,703	1,558
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP-NON-HFTD WIRELESS FAULT INDICATORS**				**Yes**			**—**	**—**	**—**	**—**	**—**	**1,558**	**1,605**	**1,653**	**1,703**	**1,558**
Capital	ELECTRIC DISTRIBUTION	RAMP-STRATEGIC POLE REPLACEMENT PROGRAM (NON-HFTD)	Electric Infrastructure Integrity	Strategic Pole Replacement Program (Non-HFTD)	OH Distribution	No	On-going	Annual	13	—	—	—	13	7,513	7,738	7,970	8,209	7,513
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP-STRATEGIC POLE REPLACEMENT PROGRAM (NON-HFTD)**				**Yes**			**13**	**—**	**—**	**—**	**13**	**7,513**	**7,738**	**7,970**	**8,209**	**7,513**
Capital	ELECTRIC DISTRIBUTION	REACTIVE SMALL CAPITAL PROJECTS	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	3,110	—	—	—	3,110	1,577	1,624	1,673	1,723	1,577
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal REACTIVE SMALL CAPITAL PROJECTS**				**Yes**			**3,110**	**—**	**—**	**—**	**3,110**	**1,577**	**1,624**	**1,673**	**1,723**	**1,577**
Capital	ELECTRIC DISTRIBUTION	SF6 SWITCH REPLACEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	67	—	—	—	67	7,876	8,112	8,355	8,606	7,876
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal SF6 SWITCH REPLACEMENT**				**Yes**			**67**	**—**	**—**	**—**	**67**	**7,876**	**8,112**	**8,355**	**8,606**	**7,876**
Capital	ELECTRIC DISTRIBUTION	SOUTH ORANGE COUNTY RELIABILITY ENHANCEMENT (SOCRE)	Non-RAMP	Non-RAMP	Non-RAMP	No	8	8	268	—	—	—	268	113	117	121	125	113
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal SOUTH ORANGE COUNTY RELIABILITY ENHANCEMENT (SOCRE)**				**Yes**			**268**	**—**	**—**	**—**	**268**	**113**	**117**	**121**	**125**	**113**
Capital	ELECTRIC DISTRIBUTION	STREAMVIEW 69/12KV SUB REBUILD-PRE ENG	Non-RAMP	Non-RAMP	Non-RAMP	No	8	8	3,024	—	—	—	3,024	199	205	211	217	199
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal STREAMVIEW 69/12KV SUB REBUILD-PRE ENG**				**Yes**			**3,024**	**—**	**—**	**—**	**3,024**	**199**	**205**	**211**	**217**	**199**
Capital	ELECTRIC DISTRIBUTION	STREET LIGHT MODERNIZATION	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	858	—	—	—	858	4,463	4,597	4,735	4,877	4,463
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal STREET LIGHT MODERNIZATION**				**Yes**			**858**	**—**	**—**	**—**	**858**	**4,463**	**4,597**	**4,735**	**4,877**	**4,463**
Capital	ELECTRIC DISTRIBUTION	SUBSTATION 12KV CAPACITOR UPGRADES	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	703	—	—	—	703	1,611	1,659	1,709	1,760	1,611
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal SUBSTATION 12KV CAPACITOR UPGRADES**				**Yes**			**703**	**—**	**—**	**—**	**703**	**1,611**	**1,659**	**1,709**	**1,760**	**1,611**
Capital	ELECTRIC DISTRIBUTION	TRANSFORMER & METER INSTALLATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No			9,478	—	—	—	9,478	11,717	12,069	12,431	12,804	11,717
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal TRANSFORMER & METER INSTALLATIONS**				**Yes**			**9,478**	**—**	**—**	**—**	**9,478**	**11,717**	**12,069**	**12,431**	**12,804**	**11,717**

SDG&E ELECTRIC DISTRIBUTION Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	RyRup	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date ($)
Capital	ELECTRIC DISTRIBUTION	TRANSFORMERS	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	83,157	---	---	---	83,157	33,174	34,169	35,194	36,250	33,174
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal TRANSFORMERS**				**Yes**			**83,157**	---	---	---	**83,157**	**33,174**	**34,169**	**35,194**	**36,250**	**33,174**
Capital	ELECTRIC DISTRIBUTION	TRANSMISSION CORRECTIVE MAINTENANCE PROGRAM	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	2,474	---	---	---	2,474	3,770	3,883	3,999	4,119	3,770
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal TRANSMISSION CORRECTIVE MAINTENANCE PROGRAM**				**Yes**			**2,474**	---	---	---	**2,474**	**3,770**	**3,883**	**3,999**	**4,119**	**3,770**
Capital	ELECTRIC DISTRIBUTION	UG NON-RESIDENTIAL NB	Non-RAMP	Non-RAMP	Non-RAMP	No			12,609	---	---	---	12,609	9,694	9,985	10,285	10,594	9,694
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal UG NON-RESIDENTIAL NB**				**Yes**			**12,609**	---	---	---	**12,609**	**9,694**	**9,985**	**10,285**	**10,594**	**9,694**
Capital	ELECTRIC DISTRIBUTION	UG RESIDENTIAL NB	Non-RAMP	Non-RAMP	Non-RAMP	No			13,356	---	---	---	13,356	9,092	9,365	9,646	9,935	9,092
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal UG RESIDENTIAL NB**				**Yes**			**13,356**	---	---	---	**13,356**	**9,092**	**9,365**	**9,646**	**9,935**	**9,092**

SDG&E ELECTRIC DISTRIBUTION Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	ReRun	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date ($)
Capital	ELECTRIC DISTRIBUTION	ARTESIAN 230KV EXPANSION	Non-RAMP	Non-RAMP	Non-RAMP	No	5	7	13	---	---	---	13	---	---	---	---	---
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal ARTESIAN 230KV EXPANSION**				**Yes**			**13**	**---**	**---**	**---**	**13**	**---**	**---**	**---**	**---**	**---**
Capital	ELECTRIC DISTRIBUTION	BORREGO SPRINGS MICROGRID GENERATOR REPL	Non-RAMP	Non-RAMP	Non-RAMP	No	Emergent	1	3,487	---	---	---	3,487	---	---	---	---	---
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal BORREGOSPRINGS MICROGRID GENERATOR REPL**				**Yes**			**3,487**	**---**	**---**	**---**	**3,487**	**---**	**---**	**---**	**---**	**---**
Capital	ELECTRIC DISTRIBUTION	C1 162, BD: NEW C1 162	Non-RAMP	Non-RAMP	Non-RAMP	No	2	3	24	---	---	---	24	---	---	---	---	---
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal C1 162, BD: NEW C1 162**				**Yes**			**24**	**---**	**---**	**---**	**24**	**---**	**---**	**---**	**---**	**---**
Capital	ELECTRIC DISTRIBUTION	C3 69, S: NEW 12KV TWIN CIRCUIT	Non-RAMP	Non-RAMP	Non-RAMP	No	2	3	69	---	---	---	69	---	---	---	---	---
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal C3 69, S: NEW 12KV TWIN CIRCUIT**				**Yes**			**69**	**---**	**---**	**---**	**69**	**---**	**---**	**---**	**---**	**---**
Capital	ELECTRIC DISTRIBUTION	TRANSMISSION SUBSTATION RELIABILITY	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	56	---	---	---	56	---	---	---	---	---
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal TRANSMISSION SUBSTATION RELIABILITY**				**Yes**			**56**	**---**	**---**	**---**	**56**	**---**	**---**	**---**	**---**	**---**
Capital	ELECTRIC DISTRIBUTION	C50, PTL: RECO AND CAPACITOR	Non-RAMP	Non-RAMP	Non-RAMP	No	2	4	21	---	---	---	21	---	---	---	---	---
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal C50, PTL: RECO AND CAPACITOR**				**Yes**			**21**	**---**	**---**	**---**	**21**	**---**	**---**	**---**	**---**	**---**
Capital	ELECTRIC DISTRIBUTION	CBM - 4.2 FIRMWARE UPGRADE FOR TRANSFORM	Non-RAMP	Non-RAMP	Non-RAMP	No	2	4	15	---	---	---	15	---	---	---	---	---
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal CBM - 4.2 FIRMWARE UPGRADE FOR TRANSFORM**				**Yes**			**15**	**---**	**---**	**---**	**15**	**---**	**---**	**---**	**---**	**---**
Capital	ELECTRIC DISTRIBUTION	COLLECTIBLE - CAMP PENDLETON - STUART MESA HOUSING	Non-RAMP	Non-RAMP	Non-RAMP	No			37	---	---	---	37	---	---	---	---	---
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal COLLECTIBLE - CAMP PENDLETON - STUART MESA HOUSING**				**Yes**			**37**	**---**	**---**	**---**	**37**	**---**	**---**	**---**	**---**	**---**
Capital	ELECTRIC DISTRIBUTION	TRANSMISSION SYSTEM AUTOMATION	Non-RAMP	Non-RAMP	Non-RAMP	No	Emergent	Annual	81	---	---	---	81	---	---	---	---	---
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal TRANSMISSION SYSTEM AUTOMATION**				**Yes**			**81**	**---**	**---**	**---**	**81**	**---**	**---**	**---**	**---**	**---**
Capital	ELECTRIC DISTRIBUTION	VALENCIA POINTE RELOCATION	Non-RAMP	Non-RAMP	Non-RAMP	No			(4)	---	---	---	(4)	---	---	---	---	---
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal VALENCIA POINTE RELOCATION**				**Yes**			**(4)**	**---**	**---**	**---**	**(4)**	**---**	**---**	**---**	**---**	**---**
Capital	ELECTRIC DISTRIBUTION	CRITICAL ASSET SECURITY	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	(26)	---	---	---	(26)	---	---	---	---	---
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal CRITICAL ASSET SECURITY**				**Yes**			**(26)**	**---**	**---**	**---**	**(26)**	**---**	**---**	**---**	**---**	**---**
Capital	ELECTRIC DISTRIBUTION	DPM DIGITAL LAYER	Non-RAMP	Non-RAMP	Non-RAMP	No			1,174	---	---	---	1,174	---	---	---	---	---
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal DPM DIGITAL LAYER**				**Yes**			**1,174**	**---**	**---**	**---**	**1,174**	**---**	**---**	**---**	**---**	**---**
Capital	ELECTRIC DISTRIBUTION	ELEC TRANS LINE RELOCATION PROJECTS	Non-RAMP	Non-RAMP	Non-RAMP	No			5	---	---	---	5	---	---	---	---	---
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal ELEC TRANS LINE RELOCATION PROJECTS**				**Yes**			**5**	**---**	**---**	**---**	**5**	**---**	**---**	**---**	**---**	**---**
Capital	ELECTRIFICATION SUBSTATIONS	ELECTRIFICATION SUBSTATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	Emergent	1	9	---	---	---	9	---	---	---	---	---
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal ELECTRIFICATION SUBSTATIONS**				**Yes**			**9**	**---**	**---**	**---**	**9**	**---**	**---**	**---**	**---**	**---**
Capital	ELECTRIC DISTRIBUTION	ENCINA DECOMMISSION-REMOVAL 138KV SUBSTA	Non-RAMP	Non-RAMP	Non-RAMP	No	Emergent	Completed	2	---	---	---	2	---	---	---	---	---
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal ENCINA DECOMMISSION-REMOVAL 138KV SUBSTA**				**Yes**			**2**	**---**	**---**	**---**	**2**	**---**	**---**	**---**	**---**	**---**
Capital	ELECTRIC DISTRIBUTION	GENERATION INTERCONNECTION PROJECTS	Non-RAMP	Non-RAMP	Non-RAMP	No			472	---	---	---	472	---	---	---	---	---
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal GENERATION INTERCONNECTION PROJECTS**				**Yes**			**472**	**---**	**---**	**---**	**472**	**---**	**---**	**---**	**---**	**---**
Capital	ELECTRIC DISTRIBUTION	GRANITE 12KV BREAKER AND SWITCHGEAR REPL	Non-RAMP	Non-RAMP	Non-RAMP	No	Emergent	5	1,103	---	---	---	1,103	---	---	---	---	---
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal GRANITE 12KV BREAKER AND SWITCHGEAR REPL**				**Yes**			**1,103**	**---**	**---**	**---**	**1,103**	**---**	**---**	**---**	**---**	**---**
Capital	ELECTRIC DISTRIBUTION	NORTH VALLEY 69-12KV SUBSTATION REBUILD	Electric Infrastructure Intensity	North Valley (Monte Hill) Substation Rebuild	Substation	No	Emergent	1	245	---	---	---	245	---	---	---	---	---
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal NORTH VALLEY 69/12KV SUBSTATION REBUILD**				**Yes**			**245**	**---**	**---**	**---**	**245**	**---**	**---**	**---**	**---**	**---**
Capital	ELECTRIC DISTRIBUTION	WORKLOAD MANAGEMENT APPLICATION	Non-RAMP	Non-RAMP	Non-RAMP	No			1,218	---	---	---	1,218	---	---	---	---	---
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal WORKLOAD MANAGEMENT APPLICATION**				**Yes**			**1,218**	**---**	**---**	**---**	**1,218**	**---**	**---**	**---**	**---**	**---**
Capital	ELECTRIC DISTRIBUTION	KETTNER REBUILD	Non-RAMP	Non-RAMP	Non-RAMP	No	4	5	614	---	---	---	614	---	---	---	---	---
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal KETTNER REBUILD**				**Yes**			**614**	**---**	**---**	**---**	**614**	**---**	**---**	**---**	**---**	**---**
Capital	ELECTRIC DISTRIBUTION	INCIDENT RESPONSE- NON-INCREMENTAL	Non-RAMP	Non-RAMP	Non-RAMP	No	Emergent	Annual	80	---	---	---	80	---	---	---	---	---
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal INCIDENT RESPONSE- NON-INCREMENTAL**				**Yes**			**80**	**---**	**---**	**---**	**80**	**---**	**---**	**---**	**---**	**---**
Capital	ELECTRIC DISTRIBUTION	MID-COAST TROLLEY EXTENSION	Non-RAMP	Non-RAMP	Non-RAMP	No			1	---	---	---	1	---	---	---	---	---
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal MID-COAST TROLLEY EXTENSION**				**Yes**			**1**	**---**	**---**	**---**	**1**	**---**	**---**	**---**	**---**	**---**
Capital	ELECTRIC DISTRIBUTION	MISSION 138KV & 69KV SUB REBUILD	Non-RAMP	Non-RAMP	Non-RAMP	No	Emergent	4	348	---	---	---	348	---	---	---	---	---
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal MISSION 138KV & 69KV SUB REBUILD**				**Yes**			**348**	**---**	**---**	**---**	**348**	**---**	**---**	**---**	**---**	**---**
Capital	ELECTRIC DISTRIBUTION	NARROWS REBUILD	Non-RAMP	Non-RAMP	Non-RAMP	No	Emergent	2	2	---	---	---	2	---	---	---	---	---
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal NARROWS REBUILD**				**Yes**			**2**	**---**	**---**	**---**	**2**	**---**	**---**	**---**	**---**	**---**
Capital	ELECTRIC DISTRIBUTION	NEW DOWNTOWN 69/12KV SUBSTATION	Non-RAMP	Non-RAMP	Non-RAMP	No	Emergent	1	27	---	---	---	27	---	---	---	---	---
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal NEW DOWNTOWN 69/12KV SUBSTATION**				**Yes**			**27**	**---**	**---**	**---**	**27**	**---**	**---**	**---**	**---**	**---**
Capital	ELECTRIC DISTRIBUTION	POLE LOADING REMEDIATION (NON-WMP)	Non-RAMP	Non-RAMP	Non-RAMP	No	Emergent	Annual	385	---	---	---	385	---	---	---	---	---
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal POLE LOADING REMEDIATION (NON-WMP)**				**Yes**			**385**	**---**	**---**	**---**	**385**	**---**	**---**	**---**	**---**	**---**
Capital	ELECTRIC DISTRIBUTION	PURE WATER ELECTRIC	Non-RAMP	Non-RAMP	Non-RAMP	No			(561)	---	---	---	(561)	---	---	---	---	---
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal PURE WATER ELECTRIC**				**Yes**			**(561)**	**---**	**---**	**---**	**(561)**	**---**	**---**	**---**	**---**	**---**
Capital	ELECTRIC DISTRIBUTION	REBUILDING OF SKILLS TRAINING YARD	Non-RAMP	Non-RAMP	Non-RAMP	No	3	4	1,270	---	---	---	1,270	---	---	---	---	---
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal REBUILDING OF SKILLS TRAINING YARD**				**Yes**			**1,270**	**---**	**---**	**---**	**1,270**	**---**	**---**	**---**	**---**	**---**
Capital	ELECTRIC DISTRIBUTION	RFS JAPANESE MESA SUBSTATION	Non-RAMP	Non-RAMP	Non-RAMP	No	Emergent	4	108	---	---	---	108	---	---	---	---	---
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RFS JAPANESE MESA SUBSTATION**				**Yes**			**108**	**---**	**---**	**---**	**108**	**---**	**---**	**---**	**---**	**---**
Capital	ELECTRIC DISTRIBUTION	SCADA EXPANSION-TRANSMISSION	Non-RAMP	Non-RAMP	Non-RAMP	No	Emergent	Annual	5	---	---	---	5	---	---	---	---	---
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal SCADA EXPANSION-TRANSMISSION**				**Yes**			**5**	**---**	**---**	**---**	**5**	**---**	**---**	**---**	**---**	**---**
Capital	ELECTRIC DISTRIBUTION	SCADA HEAD-END REPLACEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	6	8	22	---	---	---	22	---	---	---	---	---
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal SCADA HEAD-END REPLACEMENT**				**Yes**			**22**	**---**	**---**	**---**	**22**	**---**	**---**	**---**	**---**	**---**
Capital	ELECTRIC DISTRIBUTION	SUB EXTERNALLY ROUTABLE CONNECTIV (SERC)	Non-RAMP	Non-RAMP	Non-RAMP	No	Emergent	Annual	53	---	---	---	53	---	---	---	---	---
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal SUB EXTERNALLY ROUTABLE CONNECTIV (SERC)**				**Yes**			**53**	**---**	**---**	**---**	**53**	**---**	**---**	**---**	**---**	**---**
Capital	ELECTRIC DISTRIBUTION	SUBSTATION DC RELIABILITY UPGRADE PROJ	Non-RAMP	Non-RAMP	Non-RAMP	No	Emergent	Annual	5	---	---	---	5	---	---	---	---	---
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal SUBSTATION DC RELIABILITY UPGRADE PROJ**				**Yes**			**5**	**---**	**---**	**---**	**5**	**---**	**---**	**---**	**---**	**---**
Capital	ELECTRIC DISTRIBUTION	SUBSTATION SECURITY PROJ UNDER $500K	Non-RAMP	Non-RAMP	Non-RAMP	No	Emergent	Annual	328	---	---	---	328	---	---	---	---	---
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal SUBSTATION SECURITY PROJ UNDER $500K**				**Yes**			**328**	**---**	**---**	**---**	**328**	**---**	**---**	**---**	**---**	**---**

SDG&E ELECTRIC DISTRIBUTION Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date ($)
Capital	ELECTRIC DISTRIBUTION	SYNCHRONIZED PHASOR MEASUREMENT SYSTEM	Non-RAMP	Non-RAMP	Non-RAMP	No	Emergent	Annual	(36)	---	---	---	(36)	---	---	---	---	---
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal 15 SYNCHRONIZED PHASOR MEASUREMENT SYSTEM**				Yes			(36)	---	---	---	(36)	---	---	---	---	---
Capital	ELECTRIC DISTRIBUTION	TL23001 TL23004 INSULATOR AND HARDWARE R	Non-RAMP	Non-RAMP	Non-RAMP	No	Emergent	Completed	6	---	---	---	6	---	---	---	---	---
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal TL23001 TL23004 INSULATOR AND HARDWARE R**				Yes			6	---	---	---	6	---	---	---	---	---
Capital	ELECTRIC DISTRIBUTION	TL610 - RELIABILITY POLE REPLACEMENTS	Non-RAMP	Non-RAMP	Non-RAMP	No	6	Completed	93	---	---	---	93	---	---	---	---	---
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal TL 610 - RELIABILITY POLE REPLACEMENTS**				Yes			93	---	---	---	93	---	---	---	---	---
Capital	ELECTRIC DISTRIBUTION	TL603 B SWEETWATER TAP REMOVAL	Non-RAMP	Non-RAMP	Non-RAMP	No	Emergent	8	1	---	---	---	1	---	---	---	---	---
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal TL 603 B SWEETWATER TAP REMOVAL**				Yes			1	---	---	---	1	---	---	---	---	---
Capital	ELECTRIC DISTRIBUTION	TL605 RECONDUCTOR: SILVERGATE - URBAN	Non-RAMP	Non-RAMP	Non-RAMP	No	Emergent	9	211	---	---	---	211	---	---	---	---	---
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal TL 605 RECONDUCTOR: SILVERGATE - URBAN**				Yes			211	---	---	---	211	---	---	---	---	---
Capital	ELECTRIC DISTRIBUTION	TL634 JUNIPER STREET CUSTOMER RELOCATION	Non-RAMP	Non-RAMP	Non-RAMP	No			158	---	---	---	158	---	---	---	---	---
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal TL 634 JUNIPER STREET CUSTOMER RELOCATION**				Yes			158	---	---	---	158	---	---	---	---	---
Capital	ELECTRIC DISTRIBUTION	TRANSMISSION EMS/SCADA RELIANCE UPGRADE	Non-RAMP	Non-RAMP	Non-RAMP	No	Emergent	Completed	374	---	---	---	374	---	---	---	---	---
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal TRANSMISSION EMS/SCADA RELIANCE UPGRADE**				Yes			374	---	---	---	374	---	---	---	---	---
Capital	ELECTRIC DISTRIBUTION	TL667 SAN DIEGUITO RELOCATION	Non-RAMP	Non-RAMP	Non-RAMP	No			10	---	---	---	10	---	---	---	---	---
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal TL 667 SAN DIEGUITO RELOCATION**				Yes			10	---	---	---	10	---	---	---	---	---
Capital	ELECTRIC DISTRIBUTION	TL673 RN-LJ DB CABLE REPLACE	Non-RAMP	Non-RAMP	Non-RAMP	No	Emergent	Completed	1	---	---	---	1	---	---	---	---	---
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal TL 673 RN-LJ DB CABLE REPLACE**				Yes			1	---	---	---	1	---	---	---	---	---
Capital	ELECTRIC DISTRIBUTION	TL674 A DEL MAR RECONFIGURE/TL666 D RFS	Non-RAMP	Non-RAMP	Non-RAMP	No	7	Completed	159	---	---	---	159	---	---	---	---	---
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal TL 674 A DEL MAR RECONFIGURE/TL 666D RFS**				Yes			159	---	---	---	159	---	---	---	---	---
Capital	ELECTRIC DISTRIBUTION	TRANSMISSION INFRASTRUCTURE IMPROVEMENTS	Non-RAMP	Non-RAMP	Non-RAMP	No	Emergent	Annual	28	---	---	---	28	---	---	---	---	---
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal TRANSMISSION INFRASTRUCTURE IMPROVEMENTS**				Yes			28	---	---	---	28	---	---	---	---	---
Capital	ELECTRIC DISTRIBUTION	TL697.5 ESCONDIDO - SAN MARCOS	Non-RAMP	Non-RAMP	Non-RAMP	No	Emergent	Completed	26	---	---	---	26	---	---	---	---	---
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal TL 697.5 ESCONDIDO - SAN MARCOS**				Yes			26	---	---	---	26	---	---	---	---	---
Capital	ELECTRIC DISTRIBUTION	TL698 MEADOWOOD RELOCATION	Non-RAMP	Non-RAMP	Non-RAMP	No			(23)	---	---	---	(23)	---	---	---	---	---
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal TL 698 MEADOWOOD RELOCATION**				Yes			(23)	---	---	---	(23)	---	---	---	---	---

SDG&E ELECTRIC DISTRIBUTION Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	ReRun	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference ($)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
Capital	ELECTRIC DISTRIBUTION	ELECTRIC DISTRIBUTION				Yes	(9,531)	(14,217)	(17,561)	(21,261)	(63,161)	-21%	-100%	-100%	-100%	-21%
Capital	ELECTRIC DISTRIBUTION	3 ROOTS TL699, TL677 TL668 CUST RELO	Non-RAMP	Non-RAMP	Non-RAMP	No	140	(1)	(1)	(1)	140	139595%	-100%	-100%	-100%	139595%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal:3 ROOTS TL699,TL677,TL668 CUST RELO**				**Yes**	**140**	**(1)**	**(1)**	**(1)**	**140**	**139595%**	**-100%**	**-100%**	**-100%**	**139595%**
Capital	ELECTRIC DISTRIBUTION	CITY OF SAN DIEGO SUR CHARGE PROG (20SD)	Non-RAMP	Non-RAMP	Non-RAMP	No	(16,844)	(24,563)	(25,301)	(26,059)	(16,844)	-71%	-100%	-100%	-100%	-71%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal:CITY OF SAN DIEGO SURCHARGE PROG (20SD)**				**Yes**	**(16,844)**	**(24,563)**	**(25,301)**	**(26,059)**	**(16,844)**	**-71%**	**-100%**	**-100%**	**-100%**	**-71%**
Capital	ELECTRIC DISTRIBUTION	CONVERSION FROM OH TO UG RULE 20A	Non-RAMP	Non-RAMP	Non-RAMP	No	(16,283)	(20,061)	(20,663)	(21,283)	(16,283)	-84%	-100%	-100%	-100%	-84%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal:CONVERSION FROM OH TO UG RULE 20A**				**Yes**	**(16,283)**	**(20,061)**	**(20,663)**	**(21,283)**	**(16,283)**	**-84%**	**-100%**	**-100%**	**-100%**	**-84%**
Capital	ELECTRIC DISTRIBUTION	CONVERSION FROM OH UG RULE 20B NEW BUSIN	Non-RAMP	Non-RAMP	Non-RAMP	No	(1,244)	(2,304)	(2,373)	(2,333)	(1,244)	-58%	-100%	-100%	-100%	-58%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal:CONVERSION FROM OH-UG RULE 20B NEW BUSIN**				**Yes**	**(1,244)**	**(2,304)**	**(2,373)**	**(2,333)**	**(1,244)**	**-58%**	**-100%**	**-100%**	**-100%**	**-58%**
Capital	ELECTRIC DISTRIBUTION	CONVERSION FROM OH-UG RULE 20C	Non-RAMP	Non-RAMP	Non-RAMP	No	(254)	(2,630)	(2,709)	(2,790)	(254)	-10%	-100%	-100%	-100%	-10%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal:CONVERSION FROM OH-UG RULE 20C**				**Yes**	**(254)**	**(2,630)**	**(2,709)**	**(2,790)**	**(254)**	**-10%**	**-100%**	**-100%**	**-100%**	**-10%**
Capital	ELECTRIC DISTRIBUTION	CORONADO 69/12KV TRANSFORMER REPLACEMENT	Electric Infrastructure Integrity	Substation Reliability for Distribution Components - Coronado 69/12kV Transformer Replacements	Substation	No	410	(897)	(924)	(952)	410	47%	-100%	-100%	-100%	47%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal:CORONADO 69/12KV TRANSFORMER REPLACEMENT**				**Yes**	**410**	**(897)**	**(924)**	**(952)**	**410**	**47%**	**-100%**	**-100%**	**-100%**	**47%**
Capital	ELECTRIC DISTRIBUTION	CUSTOMER REQUESTED UPGRADES AND SERVICES	Non-RAMP	Non-RAMP	Non-RAMP	No	4,614	(17,340)	(17,860)	(18,396)	4,614	27%	-100%	-100%	-100%	27%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal:CUSTOMER REQUESTED UPGRADES AND SERVICES**				**Yes**	**4,614**	**(17,340)**	**(17,860)**	**(18,396)**	**4,614**	**27%**	**-100%**	**-100%**	**-100%**	**27%**
Capital	ELECTRIC DISTRIBUTION	DISTRIBUTED GENERATION INTERCONNECT. PRO	Non-RAMP	Non-RAMP	Non-RAMP	No	(1,447)	(2,285)	(2,354)	(2,425)	(1,447)	-65%	-100%	-100%	-100%	-65%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal:DISTRIBUTED GENERATION INTERCONNECT. PRO**				**Yes**	**(1,447)**	**(2,285)**	**(2,354)**	**(2,425)**	**(1,447)**	**-65%**	**-100%**	**-100%**	**-100%**	**-65%**
Capital	ELECTRIC DISTRIBUTION	DISTRIBUTION SYSTEM CAPACITY IMPROVEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	(3,923)	(4,118)	(4,242)	(4,369)	(3,923)	-98%	-100%	-100%	-100%	-98%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal:DISTRIBUTION SYSTEM CAPACITY IMPROVEMENT**				**Yes**	**(3,923)**	**(4,118)**	**(4,242)**	**(4,369)**	**(3,923)**	**-98%**	**-100%**	**-100%**	**-100%**	**-98%**
Capital	ELECTRIC DISTRIBUTION	ELCT TRANS SMALL REALIBILITY FORE-NON WMP	Non-RAMP	Non-RAMP	Non-RAMP	No	(855)	(1,063)	(1,097)	(1,133)	(855)	-83%	-100%	-100%	-100%	-83%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal:ELCT TRANS SMALL REALIBILTY2OHS- NON WMP**				**Yes**	**(855)**	**(1,063)**	**(1,097)**	**(1,133)**	**(855)**	**-83%**	**-100%**	**-100%**	**-100%**	**-83%**
Capital	ELECTRIC DISTRIBUTION	ELECTRIC - CONVERSION FROM OH TO UG RULE 20B	Non-RAMP	Non-RAMP	Non-RAMP	No	(59,493)	(61,461)	(63,305)	(65,204)	(59,493)	-100%	-100%	-100%	-100%	-100%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal:ELECTRIC - CONVERSION FROM OH TO UG RULE 20B**				**Yes**	**(59,493)**	**(61,461)**	**(63,305)**	**(65,204)**	**(59,493)**	**-100%**	**-100%**	**-100%**	**-100%**	**-100%**
Capital	ELECTRIC DISTRIBUTION	ELECTRIC DIST. STREET/HWY RELOCATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	(4,095)	(4,218)	(4,345)	(4,710)	(4,095)	-61%	-100%	-100%	-100%	-61%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal:ELECTRIC DIST.STREET/HWY RELOCATIONS**				**Yes**	**(4,095)**	**(4,218)**	**(4,345)**	**(4,710)**	**(4,095)**	**-61%**	**-100%**	**-100%**	**-100%**	**-61%**
Capital	ELECTRIC DISTRIBUTION	ELECTRIC DISTRIBUTION EASEMENTS	Non-RAMP	Non-RAMP	Non-RAMP	No	1,042	(2,922)	(3,010)	(3,100)	1,042	37%	-100%	-100%	-100%	37%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal:ELECTRIC DISTRIBUTION EASEMENTS**				**Yes**	**1,042**	**(2,922)**	**(3,010)**	**(3,100)**	**1,042**	**37%**	**-100%**	**-100%**	**-100%**	**37%**
Capital	ELECTRIC DISTRIBUTION	ELECTRIC DISTRIBUTION TOOLS/EQUIPMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	(1,767)	(2,711)	(2,792)	(2,876)	(1,767)	-67%	-100%	-100%	-100%	-67%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal:ELECTRIC DISTRIBUTION TOOLS/EQUIPMENT**				**Yes**	**(1,767)**	**(2,711)**	**(2,792)**	**(2,876)**	**(1,767)**	**-67%**	**-100%**	**-100%**	**-100%**	**-67%**
Capital	ELECTRIC DISTRIBUTION	ELECTRIC METERS & REGULATORS	Non-RAMP	Non-RAMP	Non-RAMP	No	3,108	(6,836)	(7,041)	(7,252)	3,108	47%	-100%	-100%	-100%	47%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal:ELECTRIC METERS & REGULATORS**				**Yes**	**3,108**	**(6,836)**	**(7,041)**	**(7,252)**	**3,108**	**47%**	**-100%**	**-100%**	**-100%**	**47%**
Capital	ELECTRIC DISTRIBUTION	ELECTRIC TRANSMISSION TOOLS & EQUIPMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	(185)	(572)	(589)	(607)	(185)	-33%	-100%	-100%	-100%	-33%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal:ELECTRIC TRANSMISSION TOOLS & EQUIPMENT**				**Yes**	**(185)**	**(572)**	**(589)**	**(607)**	**(185)**	**-33%**	**-100%**	**-100%**	**-100%**	**-33%**
Capital	ELECTRIC DISTRIBUTION	FIBER OPTIC FOR RELAY PROTECT & TELECOM	Non-RAMP	Non-RAMP	Non-RAMP	No	(5,026)	(9,197)	(9,473)	(9,757)	(5,026)	-56%	-100%	-100%	-100%	-56%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal:FIBER OPTIC FOR RELAY PROTECT & TELECOM**				**Yes**	**(5,026)**	**(9,197)**	**(9,473)**	**(9,757)**	**(5,026)**	**-56%**	**-100%**	**-100%**	**-100%**	**-56%**
Capital	ELECTRIC DISTRIBUTION	FIELD SHUNT CAPACITORS	Non-RAMP	Non-RAMP	Non-RAMP	No	(785)	(897)	(924)	(952)	(785)	-90%	-100%	-100%	-100%	-90%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal:FIELD SHUNT CAPACITORS**				**Yes**	**(785)**	**(897)**	**(924)**	**(952)**	**(785)**	**-90%**	**-100%**	**-100%**	**-100%**	**-90%**
Capital	ELECTRIC DISTRIBUTION	FUTURE CAPACITY PROJECTS	Non-RAMP	Non-RAMP	Non-RAMP	No	3,370	(9,942)	(10,240)	(10,547)	3,370	35%	-100%	-100%	-100%	35%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal:FUTURE CAPACITY PROJECTS**				**Yes**	**3,370**	**(9,942)**	**(10,240)**	**(10,547)**	**3,370**	**35%**	**-100%**	**-100%**	**-100%**	**35%**
Capital	ELECTRIC DISTRIBUTION	GRANITE SUBSTATION 69KV LOOP-IN	Non-RAMP	Non-RAMP	Non-RAMP	No	121	(182)	(187)	(193)	121	68%	-100%	-100%	-100%	68%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal:GRANITE SUBSTATION 69KV LOOP-IN**				**Yes**	**121**	**(182)**	**(187)**	**(193)**	**121**	**68%**	**-100%**	**-100%**	**-100%**	**68%**
Capital	ELECTRIC DISTRIBUTION	LA JOLLA 69/12KV TRANSFORMER REPLACEMENT	Electric Infrastructure Integrity	La Jolla 69/12kV Transformer Replacement	Substation	No	(118)	(139)	(143)	(147)	(118)	-14%	-100%	-100%	-100%	-14%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal:LA JOLLA 69/12KV TRANSFORMER REPLACEMENT**				**Yes**	**(118)**	**(139)**	**(143)**	**(147)**	**(118)**	**-14%**	**-100%**	**-100%**	**-100%**	**-14%**
Capital	ELECTRIC DISTRIBUTION	MISSION DCC REMODEL PROJECT	Non-RAMP	Non-RAMP	Non-RAMP	No	(10,039)	(10,658)	(10,978)	(11,307)	(10,039)	-97%	-100%	-100%	-100%	-97%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal:MISSION DCC REMODEL PROJECT**				**Yes**	**(10,039)**	**(10,658)**	**(10,978)**	**(11,307)**	**(10,039)**	**-97%**	**-100%**	**-100%**	**-100%**	**-97%**
Capital	ELECTRIC DISTRIBUTION	NEW BUSINESS INFRASTRUCTURE	Non-RAMP	Non-RAMP	Non-RAMP	No	(2,344)	(6,659)	(6,859)	(7,064)	(2,344)	-36%	-100%	-100%	-100%	-36%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal:NEW BUSINESS INFRASTRUCTURE**				**Yes**	**(2,344)**	**(6,659)**	**(6,859)**	**(7,064)**	**(2,344)**	**-36%**	**-100%**	**-100%**	**-100%**	**-36%**
Capital	ELECTRIC DISTRIBUTION	NEW SERVICE INSTALLATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	1,750	(8,980)	(9,250)	(9,527)	1,750	20%	-100%	-100%	-100%	20%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal:NEW SERVICE INSTALLATIONS**				**Yes**	**1,750**	**(8,980)**	**(9,250)**	**(9,527)**	**1,750**	**20%**	**-100%**	**-100%**	**-100%**	**20%**
Capital	ELECTRIC DISTRIBUTION	OH NON-RESIDENTIAL NB	Non-RAMP	Non-RAMP	Non-RAMP	No	73	(1,313)	(1,353)	(1,393)	73	6%	-100%	-100%	-100%	6%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal:OH NON-RESIDENTIAL NB**				**Yes**	**73**	**(1,313)**	**(1,353)**	**(1,393)**	**73**	**6%**	**-100%**	**-100%**	**-100%**	**6%**
Capital	ELECTRIC DISTRIBUTION	OH RESIDENTIAL NB	Non-RAMP	Non-RAMP	Non-RAMP	No	848	(1,081)	(1,113)	(1,146)	848	81%	-100%	-100%	-100%	81%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal:OH RESIDENTIAL NB**				**Yes**	**848**	**(1,081)**	**(1,113)**	**(1,146)**	**848**	**81%**	**-100%**	**-100%**	**-100%**	**81%**
Capital	ELECTRIC DISTRIBUTION	PLANNED INVESTMENTS	Non-RAMP	Non-RAMP	Non-RAMP	No	(2,304)	(4,566)	(4,703)	(4,844)	(2,304)	-56%	-100%	-100%	-100%	-56%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal:PLANNED INVESTMENTS**				**Yes**	**(2,304)**	**(4,566)**	**(4,703)**	**(4,844)**	**(2,304)**	**-56%**	**-100%**	**-100%**	**-100%**	**-56%**
Capital	ELECTRIC DISTRIBUTION	RAMP - CORRECTIVE MAINTENANCE PROGRAM (CMP)	Electric Infrastructure Integrity	GO165 Corrective Maintenance Program Underground	UG Distribution	No	8,278	(14,495)	(14,930)	(15,378)	8,278	59%	-100%	-100%	-100%	59%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal:RAMP - CORRECTIVE MAINTENANCE PROGRAM (CMP)**				**Yes**	**8,278**	**(14,495)**	**(14,930)**	**(15,378)**	**8,278**	**59%**	**-100%**	**-100%**	**-100%**	**59%**
Capital	ELECTRIC DISTRIBUTION	RAMP - INSTALL SCADA ON LINE CAPACITORS	Electric Infrastructure Integrity	SCADA Capacitors	OH Distribution	No	(706)	(890)	(917)	(944)	(706)	-82%	-100%	-100%	-100%	-82%
Capital	ELECTRIC DISTRIBUTION	RAMP - INSTALL SCADA ON LINE CAPACITORS	Electric Infrastructure Integrity	SCADA Capacitors	UG Distribution	No	(302)	(381)	(392)	(404)	(302)	-82%	-100%	-100%	-100%	-82%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal:RAMP - INSTALL SCADA ON LINE CAPACITORS**				**Yes**	**(1,009)**	**(1,271)**	**(1,309)**	**(1,348)**	**(1,009)**	**-82%**	**-100%**	**-100%**	**-100%**	**-82%**

SDG&E ELECTRIC DISTRIBUTION Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	ByRup	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference ($)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
Capital	ELECTRIC DISTRIBUTION	RAMP - MANHOLE, HANDHOLE, AND VAULT RESTORATION	Electric Infrastructure Integrity	GO 165 Manhole, Vault Restoration Program	Manhole/Handhole	No	(1,295)	(5,567)	(5,734)	(5,906)	(1,295)	-24%	-100%	-100%	-100%	-24%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP - MANHOLE, HANDHOLE, AND VAULT RESTORATION**				**Yes**	**(1,295)**	**(5,567)**	**(5,734)**	**(5,906)**	**(1,295)**	**-24%**	**-100%**	**-100%**	**-100%**	**-24%**
Capital	ELECTRIC DISTRIBUTION	RAMP - POLE REPLACEMENT AND REINFORCEMENT	Electric Infrastructure Integrity	GO165 Pole Replacement Reinforcement	N/A	No	3,576	(16,411)	(16,903)	(17,410)	3,576	22%	-100%	-100%	-100%	22%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP - POLE REPLACEMENT AND REINFORCEMENT**				**Yes**	**3,576**	**(16,411)**	**(16,903)**	**(17,410)**	**3,576**	**22%**	**-100%**	**-100%**	**-100%**	**22%**
Capital	ELECTRIC DISTRIBUTION	RAMP - REPLACE OBSOLETE SUBSTATION EQUIPMENT	Electric Infrastructure Integrity	Distribution Substation Obsolete Equipment	Substation	No	(911)	(2,721)	(2,803)	(2,887)	(911)	-34%	-100%	-100%	-100%	-34%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP - REPLACE OBSOLETE SUBSTATION EQUIPMENT**				**Yes**	**(911)**	**(2,721)**	**(2,803)**	**(2,887)**	**(911)**	**-34%**	**-100%**	**-100%**	**-100%**	**-34%**
Capital	ELECTRIC DISTRIBUTION	RAMP - STUART 12KV TRANSFORMER REPLACEMENT	Electric Infrastructure Integrity	Stuart 12kV Transformer Replacement	Substation	No	(1,091)	(1,124)	(1,158)	(1,193)	(1,091)	-100%	-100%	-100%	-100%	-100%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP - STUART 12KV TRANSFORMER REPLACEMENT**				**Yes**	**(1,091)**	**(1,124)**	**(1,158)**	**(1,193)**	**(1,091)**	**-100%**	**-100%**	**-100%**	**-100%**	**-100%**
Capital	ELECTRIC DISTRIBUTION	RAMP- 4KV MODERNIZATION	Electric Infrastructure Integrity	4kV Modernization Program Distribution	OH Distribution	No	(7,979)	(8,448)	(8,701)	(8,962)	(7,979)	-97%	-100%	-100%	-100%	-97%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- 4KV MODERNIZATION**				**Yes**	**(7,979)**	**(8,448)**	**(8,701)**	**(8,962)**	**(7,979)**	**-97%**	**-100%**	**-100%**	**-100%**	**-97%**
Capital	ELECTRIC DISTRIBUTION	RAMP- AVIAN PROTECTION	Electric Infrastructure Integrity	Avian Protection Program	OH Distribution	No	(220)	(241)	(248)	(255)	(220)	-94%	-100%	-100%	-100%	-94%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- AVIAN PROTECTION**				**Yes**	**(220)**	**(241)**	**(248)**	**(255)**	**(220)**	**-94%**	**-100%**	**-100%**	**-100%**	**-94%**
Capital	ELECTRIC DISTRIBUTION	RAMP- BERNARDO 12 KV BREAKERS AND TRANSFORMER	Electric Infrastructure Integrity	Substation Reliability for Distribution Components Bernardo 12kV Breakers Replacements	Substation	No	(1,162)	(1,197)	(1,233)	(1,270)	(1,162)	-100%	-100%	-100%	-100%	-100%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- BERNARDO 12 KV BREAKERS AND TRANSFORMER**				**Yes**	**(1,162)**	**(1,197)**	**(1,233)**	**(1,270)**	**(1,162)**	**-100%**	**-100%**	**-100%**	**-100%**	**-100%**
Capital	ELECTRIC DISTRIBUTION	RAMP- CAPITAL RESTORATION OF SERVICE	Electric Infrastructure Integrity	Restoration of Service	N/A	No	(1,004)	(12,296)	(12,665)	(13,045)	(1,004)	-8%	-100%	-100%	-100%	-8%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- CAPITAL RESTORATION OF SERVICE**				**Yes**	**(1,004)**	**(12,296)**	**(12,665)**	**(13,045)**	**(1,004)**	**-8%**	**-100%**	**-100%**	**-100%**	**-8%**
Capital	ELECTRIC DISTRIBUTION	RAMP- DISTRIBUTION CIRCUIT RELIABILITY CONSTRUCTION	Electric Infrastructure Integrity	Distribution Circuit Reliability	OH Distribution	No	(1,376)	(2,131)	(2,194)	(2,261)	(1,376)	-67%	-100%	-100%	-100%	-67%
Capital	ELECTRIC DISTRIBUTION	RAMP- DISTRIBUTION CIRCUIT RELIABILITY CONSTRUCTION	Electric Infrastructure Integrity	Distribution Circuit Reliability	UG Distribution	No	(2,064)	(3,194)	(3,291)	(3,389)	(2,064)	-67%	-100%	-100%	-100%	-67%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- DISTRIBUTION CIRCUIT RELIABILITY CONSTRUCTION**				**Yes**	**(3,441)**	**(5,325)**	**(5,485)**	**(5,650)**	**(3,441)**	**-67%**	**-100%**	**-100%**	**-100%**	**-67%**
Capital	ELECTRIC DISTRIBUTION	RAMP- DISTRIBUTION SUBSTATION RELIABILITY	Electric Infrastructure Integrity	Minor Distribution Substation Reliability Projects	N/A	No	(152)	(1,777)	(1,830)	(1,885)	(152)	-9%	-100%	-100%	-100%	-9%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- DISTRIBUTION SUBSTATION RELIABILITY**				**Yes**	**(152)**	**(1,777)**	**(1,830)**	**(1,885)**	**(152)**	**-9%**	**-100%**	**-100%**	**-100%**	**-9%**
Capital	ELECTRIC DISTRIBUTION	RAMP- DOE SWITCH REPLACEMENT	Electric Infrastructure Integrity	DOE Switch Replacement Underground	UG Distribution	No	(4,924)	(7,466)	(7,690)	(7,921)	(4,924)	-68%	-100%	-100%	-100%	-68%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- DOE SWITCH REPLACEMENT**				**Yes**	**(4,924)**	**(7,466)**	**(7,690)**	**(7,921)**	**(4,924)**	**-68%**	**-100%**	**-100%**	**-100%**	**-68%**
Capital	ELECTRIC DISTRIBUTION	RAMP- EL CAJON 12KV BREAKER REPLACEMENTS	Non-RAMP	Non-RAMP	Non-RAMP	No	2,112	—	—	—	2,112	100%	—%	—%	—%	100%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- EL CAJON 12KV BREAKER REPLACEMENTS**				**Yes**	**2,112**	**—**	**—**	**—**	**2,112**	**100%**	**—%**	**—%**	**—%**	**100%**
Capital	ELECTRIC DISTRIBUTION	RAMP- EMERGENCY TRANSFORMER & SWITCHGEAR	Electric Infrastructure Integrity	Emergency Transformer and Switchgear	N/A	No	542	(432)	(445)	(458)	542	129%	-100%	-100%	-100%	129%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- EMERGENCY TRANSFORMER & SWITCHGEAR**				**Yes**	**542**	**(432)**	**(445)**	**(458)**	**542**	**129%**	**-100%**	**-100%**	**-100%**	**129%**
Capital	ELECTRIC DISTRIBUTION	RAMP- HIGH RISK SWITCH REPLACEMENT PROJECT	Electric Infrastructure Integrity	Distribution Overhead Switch Replacement Program	OH Distribution	No	(691)	(1,074)	(1,106)	(1,139)	(691)	-66%	-100%	-100%	-100%	-66%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- HIGHRISK SWITCH REPLACEMENT PROJECT**				**Yes**	**(691)**	**(1,074)**	**(1,106)**	**(1,139)**	**(691)**	**-66%**	**-100%**	**-100%**	**-100%**	**-66%**
Capital	ELECTRIC DISTRIBUTION	RAMP- ENERGIZED TEST YARD	Non-RAMP	Non-RAMP	Non-RAMP	No	52	—	—	—	52	100%	—%	—%	—%	100%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- ENERGIZED TEST YARD**				**Yes**	**52**	**—**	**—**	**—**	**52**	**100%**	**—%**	**—%**	**—%**	**100%**
Capital	ELECTRIC DISTRIBUTION	RAMP- MANAGEMENT OF OH DIST. SERVICE	Electric Infrastructure Integrity	Management of Overhead Distribution Service (Non-CMP)	N/A	No	468	(10,481)	(10,795)	(11,119)	468	5%	-100%	-100%	-100%	5%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- MANAGEMENT OF OH DIST. SERVICE**				**Yes**	**468**	**(10,481)**	**(10,795)**	**(11,119)**	**468**	**5%**	**-100%**	**-100%**	**-100%**	**5%**
Capital	ELECTRIC DISTRIBUTION	RAMP- MANAGEMENT OF UG DIST. SERVICE	Electric Infrastructure Integrity	Management of Underground Distribution Service	N/A	No	2,013	(4,330)	(4,460)	(4,594)	2,013	48%	-100%	-100%	-100%	48%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- MANAGEMENT OF UG DIST. SERVICE**				**Yes**	**2,013**	**(4,330)**	**(4,460)**	**(4,594)**	**2,013**	**48%**	**-100%**	**-100%**	**-100%**	**48%**
Capital	ELECTRIC DISTRIBUTION	RAMP- MIRAMAR 12KV REPLACEMENTS	Electric Infrastructure Integrity	Substation Reliability for Distribution Components Miramar 12kV Replacements	Substation	No	(84)	(128)	(132)	(136)	(84)	-68%	-100%	-100%	-100%	-68%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- MIRAMAR 12KV REPLACEMENTS**				**Yes**	**(84)**	**(128)**	**(132)**	**(136)**	**(84)**	**-68%**	**-100%**	**-100%**	**-100%**	**-68%**
Capital	ELECTRIC DISTRIBUTION	RAMP- MISSION 12KV REPLACEMENTS	Non-RAMP	Non-RAMP	Non-RAMP	No	1,372	—	—	—	1,372	100%	—%	—%	—%	100%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- MISSION 12 KV REPLACEMENTS**				**Yes**	**1,372**	**—**	**—**	**—**	**1,372**	**100%**	**—%**	**—%**	**—%**	**100%**
Capital	ELECTRIC DISTRIBUTION	RAMP- NORTH HARBOR	Electric Infrastructure Integrity	Underground Cable Replacement Program Proactive North Harbor Project	UG Distribution	No	(9,730)	(10,022)	(10,323)	(10,633)	(9,730)	-100%	-100%	-100%	-100%	-100%

SDG&E ELECTRIC DISTRIBUTION Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	ByRoup	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference ($)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- NORTH HARBOR**				**Yes**	**(9,710)**	**(10,022)**	**(10,323)**	**(10,633)**	**(9,710)**	**-100%**	**-100%**	**-100%**	**-100%**	**-100%**
Capital	ELECTRIC DISTRIBUTION	RAMP- OH PUBLIC SAFETY (OPS)	Electric Infrastructure Integrity	Overhead Public Safety (OPS) Program	OH Distribution	No	(8,174)	(8,719)	(8,981)	(9,250)	(8,174)	-97%	-100%	-100%	-100%	-97%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- OH PUBLIC SAFETY (OPS)**				**Yes**	**(8,174)**	**(8,719)**	**(8,981)**	**(9,250)**	**(8,174)**	**-97%**	**-100%**	**-100%**	**-100%**	**-97%**
Capital	ELECTRIC DISTRIBUTION	RAMP- PLANNED CABLE REPLACEMENTS	Electric Infrastructure Integrity	Underground Cable Replacement Program Proactive	UG Distribution	No	(99.3)	(4,430)	(4,563)	(4,700)	(99.3)	-23%	-100%	-100%	-100%	-23%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- PLANNED CABLE REPLACEMENTS**				**Yes**	**(99.3)**	**(4,430)**	**(4,563)**	**(4,700)**	**(99.3)**	**-23%**	**-100%**	**-100%**	**-100%**	**-23%**
Capital	ELECTRIC DISTRIBUTION	RAMP- POWER QUALITY PROGRAM	Electric Infrastructure Integrity	Power Quality Monitor Deployment and Replacement	N/A	No	(2,599)	(2,970)	(3,059)	(3,151)	(2,599)	-90%	-100%	-100%	-100%	-90%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- POWER QUALITY PROGRAM**				**Yes**	**(2,599)**	**(2,970)**	**(3,059)**	**(3,151)**	**(2,599)**	**-90%**	**-100%**	**-100%**	**-100%**	**-90%**
Capital	ELECTRIC DISTRIBUTION	RAMP- PROACTIVE DEAD FRONT TERMINATOR DEPLOY	Electric Infrastructure Integrity	Replacement of Live Front Equipment - Proactive	UG Distribution	No	(82.2)	(91.2)	(93.9)	(96.7)	(82.2)	-93%	-100%	-100%	-100%	-93%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- PROACTIVE DEAD FRONT TERMINATOR DEPLOY**				**Yes**	**(82.2)**	**(91.2)**	**(93.9)**	**(96.7)**	**(82.2)**	**-93%**	**-100%**	**-100%**	**-100%**	**-93%**
Capital	ELECTRIC DISTRIBUTION	RAMP- REPLACEMENT OF LIVE FRONT EQUIPMENT	Electric Infrastructure Integrity	Replacement of Live Front Equipment - Reactive	N/A	No	(45.7)	(47.2)	(48.6)	(50.1)	(45.7)	-100%	-100%	-100%	-100%	-100%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- REPLACEMENT OF LIVE FRONT EQUIPMENT**				**Yes**	**(45.7)**	**(47.2)**	**(48.6)**	**(50.1)**	**(45.7)**	**-100%**	**-100%**	**-100%**	**-100%**	**-100%**
Capital	ELECTRIC DISTRIBUTION	RAMP- REPLACEMENT OF UNDERGROUND CABLES	Electric Infrastructure Integrity	Underground Cable Replacement Program Reactive	N/A	No	(67.4)	(7,488)	(7,713)	(7,944)	(67.4)	-9%	-100%	-100%	-100%	-9%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- REPLACEMENT OF UNDERGROUND CABLES**				**Yes**	**(67.4)**	**(7,488)**	**(7,713)**	**(7,944)**	**(67.4)**	**-9%**	**-100%**	**-100%**	**-100%**	**-9%**
Capital	ELECTRIC DISTRIBUTION	RAMP- RTU MODERNIZATION	Electric Infrastructure Integrity	Field SCADA RTU Replacement	UG Distribution	No	(2.1)	(81.6)	(84.0)	(86.5)	(2.1)	-3%	-100%	-100%	-100%	-3%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- RTU MODERNIZATION**				**Yes**	**(2.1)**	**(81.6)**	**(84.0)**	**(86.5)**	**(2.1)**	**-3%**	**-100%**	**-100%**	**-100%**	**-3%**
Capital	ELECTRIC DISTRIBUTION	RAMP- SAN MARCOS SUB REBUILD 69KV & 12KV	Electric Infrastructure Integrity	San Marcos Substation 69kV Rebuild & 12kV Switchgear	Substation	No	(53.5)	(13.1)	(13.5)	(13.9)	(53.5)	-421%	-100%	-100%	-100%	-421%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- SAN MARCOS SUB REBUILD 69KV & 12 KV**				**Yes**	**(53.5)**	**(13.1)**	**(13.5)**	**(13.9)**	**(53.5)**	**-421%**	**-100%**	**-100%**	**-100%**	**-421%**
Capital	ELECTRIC DISTRIBUTION	RAMP- SUBSTATION SCADA EXPANSION-DISTRIBUTION	Electric Infrastructure Integrity	Distribution Substation SCADA Expansion	N/A	No	(1,814)	(2,294)	(2,363)	(2,434)	(1,814)	-81%	-100%	-100%	-100%	-81%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- SUBSTATION SCADA EXPANSION-DISTRIBUTION**				**Yes**	**(1,814)**	**(2,294)**	**(2,363)**	**(2,434)**	**(1,814)**	**-81%**	**-100%**	**-100%**	**-100%**	**-81%**
Capital	ELECTRIC DISTRIBUTION	RAMP- SUBSTATION MOD TO SUPPORT FLISR	Non-RAMP	Non-RAMP	Non-RAMP	No	34	---	---	---	34	100%	--%	--%	--%	100%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- SUBSTATION MOD TO SUPPORT FLISR**				**Yes**	**34**	**---**	**---**	**---**	**34**	**100%**	**--%**	**--%**	**--%**	**100%**
Capital	ELECTRIC DISTRIBUTION	RAMP- TEE MODERNIZATION PROGRAM	Electric Infrastructure Integrity	Tee Modernization Program	UG Distribution	No	490	(4,565)	(4,702)	(4,843)	490	11%	-100%	-100%	-100%	11%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- TEE MODERNIZATION PROGRAM**				**Yes**	**490**	**(4,565)**	**(4,702)**	**(4,843)**	**490**	**11%**	**-100%**	**-100%**	**-100%**	**11%**
Capital	ELECTRIC DISTRIBUTION	RAMP- TORREY PINES 12KV BREAKER REPLACEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	859	---	---	---	859	100%	--%	--%	--%	100%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- TORREY PINES 12KV BREAKER REPLACEMENT**				**Yes**	**859**	**---**	**---**	**---**	**859**	**100%**	**--%**	**--%**	**--%**	**100%**
Capital	ELECTRIC DISTRIBUTION	RAMP- URBAN SUBSTATION REBUILD	Non-RAMP	Non-RAMP	Non-RAMP	No	464	---	---	---	464	100%	--%	--%	--%	100%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- URBAN SUBSTATION REBUILD**				**Yes**	**464**	**---**	**---**	**---**	**464**	**100%**	**--%**	**--%**	**--%**	**100%**
Capital	ELECTRIC DISTRIBUTION	RAMP-NON-HFTD WIRELESS FAULT INDICATORS	Electric Infrastructure Integrity	Non-HFTD Wireless Fault Indicator	OH Distribution	No	(1,558)	(1,605)	(1,653)	(1,703)	(1,558)	-100%	-100%	-100%	-100%	-100%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP-NON-HFTD WIRELESS FAULT INDICATORS**				**Yes**	**(1,558)**	**(1,605)**	**(1,653)**	**(1,703)**	**(1,558)**	**-100%**	**-100%**	**-100%**	**-100%**	**-100%**
Capital	ELECTRIC DISTRIBUTION	RAMP-STRATEGIC POLE REPLACEMENT PROGRAM (NON-HFTD)	Electric Infrastructure Integrity	Strategic Pole Replacement Program (Non-HFTD)	OH Distribution	No	(7,500)	(7,718)	(7,970)	(8,209)	(7,500)	-100%	-100%	-100%	-100%	-100%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP-STRATEGIC POLE REPLACEMENT PROGRAM (NON-HFTD)**				**Yes**	**(7,500)**	**(7,718)**	**(7,970)**	**(8,209)**	**(7,500)**	**-100%**	**-100%**	**-100%**	**-100%**	**-100%**
Capital	ELECTRIC DISTRIBUTION	REACTIVE SMALL CAPITAL PROJECTS	Non-RAMP	Non-RAMP	Non-RAMP	No	1,533	(1,624)	(1,673)	(1,723)	1,533	97%	-100%	-100%	-100%	97%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal REACTIVE SMALL CAPITAL PROJECTS**				**Yes**	**1,533**	**(1,624)**	**(1,673)**	**(1,723)**	**1,533**	**97%**	**-100%**	**-100%**	**-100%**	**97%**
Capital	ELECTRIC DISTRIBUTION	SF6 SWITCH REPLACEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	(7,809)	(8,112)	(8,355)	(8,606)	(7,809)	-99%	-100%	-100%	-100%	-99%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal SF6 SWITCH REPLACEMENT**				**Yes**	**(7,809)**	**(8,112)**	**(8,355)**	**(8,606)**	**(7,809)**	**-99%**	**-100%**	**-100%**	**-100%**	**-99%**
Capital	ELECTRIC DISTRIBUTION	SOUTH ORANGE COUNTY RELIABILITY ENHANCEMENT (SOCRE)	Non-RAMP	Non-RAMP	Non-RAMP	No	155	(117)	(121)	(125)	155	137%	-100%	-100%	-100%	137%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal SOUTH ORANGE COUNTY RELIABILITY ENHANCEMENT (SOCRE)**				**Yes**	**155**	**(117)**	**(121)**	**(125)**	**155**	**137%**	**-100%**	**-100%**	**-100%**	**137%**
Capital	ELECTRIC DISTRIBUTION	STREAMVIEW 69/12KV SUB REBUILD-PRE ENG	Non-RAMP	Non-RAMP	Non-RAMP	No	2,825	(205)	(211)	(217)	2,825	1420%	-100%	-100%	-100%	1420%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal STREAMVIEW 69/12KV SUB REBUILD-PRE ENG**				**Yes**	**2,825**	**(205)**	**(211)**	**(217)**	**2,825**	**1420%**	**-100%**	**-100%**	**-100%**	**1420%**
Capital	ELECTRIC DISTRIBUTION	STREET LIGHT MODERNIZATION	Non-RAMP	Non-RAMP	Non-RAMP	No	(3,605)	(4,597)	(4,735)	(4,877)	(3,605)	-81%	-100%	-100%	-100%	-81%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal STREET LIGHT MODERNIZATION**				**Yes**	**(3,605)**	**(4,597)**	**(4,735)**	**(4,877)**	**(3,605)**	**-81%**	**-100%**	**-100%**	**-100%**	**-81%**
Capital	ELECTRIC DISTRIBUTION	SUBSTATION 12KV CAPACITOR UPGRADES	Non-RAMP	Non-RAMP	Non-RAMP	No	(908)	(1,659)	(1,709)	(1,760)	(908)	-56%	-100%	-100%	-100%	-56%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal SUBSTATION 12KV CAPACITOR UPGRADES**				**Yes**	**(908)**	**(1,659)**	**(1,709)**	**(1,760)**	**(908)**	**-56%**	**-100%**	**-100%**	**-100%**	**-56%**
Capital	ELECTRIC DISTRIBUTION	TRANSFORMER & METER INSTALLATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	(2,219)	(12,069)	(12,431)	(12,804)	(2,219)	-19%	-100%	-100%	-100%	-19%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal TRANSFORMER & METER INSTALLATIONS**				**Yes**	**(2,219)**	**(12,069)**	**(12,431)**	**(12,804)**	**(2,219)**	**-19%**	**-100%**	**-100%**	**-100%**	**-19%**

SDG&E ELECTRIC DISTRIBUTION Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	ByRoup	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference ($)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
Capital	ELECTRIC DISTRIBUTION	TRANSFORMERS	Non-RAMP	Non-RAMP	Non-RAMP	No	49,983	(34,169)	(35,194)	(36,250)	49,983	1.51%	-1.00%	-1.00%	-1.00%	1.51%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal TRANSFORMERS**				**Yes**	**49,983**	**(34,169)**	**(35,194)**	**(36,250)**	**49,983**	**1.51%**	**-1.00%**	**-1.00%**	**-1.00%**	**1.51%**
Capital	ELECTRIC DISTRIBUTION	TRANSMISSION CORRECTIVE MAINTENANCE PROGRAM	Non-RAMP	Non-RAMP	Non-RAMP	No	(1,296)	(3,883)	(3,999)	(4,119)	(1,296)	-34%	-100%	-100%	-100%	-34%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal TRANSMISSION CORRECTIVE MAINTENANCE PROGRAM**				**Yes**	**(1,296)**	**(3,883)**	**(3,999)**	**(4,119)**	**(1,296)**	**-34%**	**-100%**	**-100%**	**-100%**	**-34%**
Capital	ELECTRIC DISTRIBUTION	UG NON-RESIDENTIAL NB	Non-RAMP	Non-RAMP	Non-RAMP	No	2,915	(9,985)	(10,285)	(10,594)	2,915	30%	-100%	-100%	-100%	30%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal UG NON-RESIDENTIAL NB**				**Yes**	**2,915**	**(9,985)**	**(10,285)**	**(10,594)**	**2,915**	**30%**	**-100%**	**-100%**	**-100%**	**30%**
Capital	ELECTRIC DISTRIBUTION	UG RESIDENTIAL NB	Non-RAMP	Non-RAMP	Non-RAMP	No	4,264	(9,365)	(9,646)	(9,935)	4,264	47%	-100%	-100%	-100%	47%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal UG RESIDENTIAL NB**				**Yes**	**4,264**	**(9,365)**	**(9,646)**	**(9,935)**	**4,264**	**47%**	**-100%**	**-100%**	**-100%**	**47%**

SDG&E ELECTRIC DISTRIBUTION Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	ByRup	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference ($)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
Capital	ELECTRIC DISTRIBUTION	ARTESIAN 230KV EXPANSION	Non-RAMP	Non-RAMP	Non-RAMP	No	13	--	--	--	13	100%	--%	--%	--%	100%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal ARTESIAN 230KV EXPANSION**				**Yes**	**13**	**--**	**--**	**--**	**13**	**100%**	**--%**	**--%**	**--%**	**100%**
Capital	ELECTRIC DISTRIBUTION	BORREGO SPRINGS MICROGRID GENERATOR REPL	Non-RAMP	Non-RAMP	Non-RAMP	No	3,487	--	--	--	3,487	100%	--%	--%	--%	100%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal BORREGOSPRINGS MICROGRID GENERATOR REPL**				**Yes**	**3,487**	**--**	**--**	**--**	**3,487**	**100%**	**--%**	**--%**	**--%**	**100%**
Capital	ELECTRIC DISTRIBUTION	C1 162, BD: NEW C1 162	Non-RAMP	Non-RAMP	Non-RAMP	No	24	--	--	--	24	100%	--%	--%	--%	100%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal C1 162, BD: NEW C1 162**				**Yes**	**24**	**--**	**--**	**--**	**24**	**100%**	**--%**	**--%**	**--%**	**100%**
Capital	ELECTRIC DISTRIBUTION	C3 69, S: NEW 12KV TWIN CIRCUIT	Non-RAMP	Non-RAMP	Non-RAMP	No	69	--	--	--	69	100%	--%	--%	--%	100%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal C3 69, S: NEW 12KV TWIN CIRCUIT**				**Yes**	**69**	**--**	**--**	**--**	**69**	**100%**	**--%**	**--%**	**--%**	**100%**
Capital	ELECTRIC DISTRIBUTION	TRANSMISSION SUBSTATION RELIABILITY	Non-RAMP	Non-RAMP	Non-RAMP	No	56	--	--	--	56	100%	--%	--%	--%	100%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal TRANSMISSION SUBSTATION RELIABILITY**				**Yes**	**56**	**--**	**--**	**--**	**56**	**100%**	**--%**	**--%**	**--%**	**100%**
Capital	ELECTRIC DISTRIBUTION	C50, PTL: RECO AND CAPACITOR	Non-RAMP	Non-RAMP	Non-RAMP	No	21	--	--	--	21	100%	--%	--%	--%	100%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal C50, PTL: RECO AND CAPACITOR**				**Yes**	**21**	**--**	**--**	**--**	**21**	**100%**	**--%**	**--%**	**--%**	**100%**
Capital	ELECTRIC DISTRIBUTION	CBM - 4.2 FIRMWARE UPGRADE FOR TRANSFORM	Non-RAMP	Non-RAMP	Non-RAMP	No	15	--	--	--	15	100%	--%	--%	--%	100%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal CBM - 4.2 FIRMWARE UPGRADE FOR TRANSFORM**				**Yes**	**15**	**--**	**--**	**--**	**15**	**100%**	**--%**	**--%**	**--%**	**100%**
Capital	ELECTRIC DISTRIBUTION	COLLECTIBLE - CAMP PENDLETON - STUART MESA HOUSING	Non-RAMP	Non-RAMP	Non-RAMP	No	37	--	--	--	37	100%	--%	--%	--%	100%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal COLLECTIBLE - CAMP PENDLETON - STUART MESA HOUSING**				**Yes**	**37**	**--**	**--**	**--**	**37**	**100%**	**--%**	**--%**	**--%**	**100%**
Capital	ELECTRIC DISTRIBUTION	TRANSMISSION SYSTEM AUTOMATION	Non-RAMP	Non-RAMP	Non-RAMP	No	81	--	--	--	81	100%	--%	--%	--%	100%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal TRANSMISSION SYSTEM AUTOMATION**				**Yes**	**81**	**--**	**--**	**--**	**81**	**100%**	**--%**	**--%**	**--%**	**100%**
Capital	ELECTRIC DISTRIBUTION	VALENCIA POINTE RELOCATION	Non-RAMP	Non-RAMP	Non-RAMP	No	(4)	--	--	--	(4)	100%	--%	--%	--%	100%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal VALENCIA POINTE RELOCATION**				**Yes**	**(4)**	**--**	**--**	**--**	**(4)**	**100%**	**--%**	**--%**	**--%**	**100%**
Capital	ELECTRIC DISTRIBUTION	CRITICAL ASSET SECURITY	Non-RAMP	Non-RAMP	Non-RAMP	No	(26)	--	--	--	(26)	100%	--%	--%	--%	100%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal CRITICAL ASSET SECURITY**				**Yes**	**(26)**	**--**	**--**	**--**	**(26)**	**100%**	**--%**	**--%**	**--%**	**100%**
Capital	ELECTRIC DISTRIBUTION	DPM DIGITAL LAYER	Non-RAMP	Non-RAMP	Non-RAMP	No	1,174	--	--	--	1,174	100%	--%	--%	--%	100%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal DPM DIGITAL LAYER**				**Yes**	**1,174**	**--**	**--**	**--**	**1,174**	**100%**	**--%**	**--%**	**--%**	**100%**
Capital	ELECTRIC DISTRIBUTION	ELEC TRANS LINE RELOCATION PROJECTS	Non-RAMP	Non-RAMP	Non-RAMP	No	5	--	--	--	5	100%	--%	--%	--%	100%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal ELEC TRANS LINE RELOCATION PROJECTS**				**Yes**	**5**	**--**	**--**	**--**	**5**	**100%**	**--%**	**--%**	**--%**	**100%**
Capital	ELECTRIFICATION SUBSTATIONS	ELECTRIFICATION SUBSTATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	9	--	--	--	9	100%	--%	--%	--%	100%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal ELECTRIFICATION SUBSTATIONS**				**Yes**	**9**	**--**	**--**	**--**	**9**	**100%**	**--%**	**--%**	**--%**	**100%**
Capital	ELECTRIC DISTRIBUTION	ENCINA DECOMMISSION-REMOVAL 138KV SUBSTA	Non-RAMP	Non-RAMP	Non-RAMP	No	2	--	--	--	2	100%	--%	--%	--%	100%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal ENCINA DECOMMISSION-REMOVAL 138KV SUBSTA**				**Yes**	**2**	**--**	**--**	**--**	**2**	**100%**	**--%**	**--%**	**--%**	**100%**
Capital	ELECTRIC DISTRIBUTION	GENERATION INTERCONNECTION PROJECTS	Non-RAMP	Non-RAMP	Non-RAMP	No	472	--	--	--	472	100%	--%	--%	--%	100%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal GENERATION INTERCONNECTION PROJECTS**				**Yes**	**472**	**--**	**--**	**--**	**472**	**100%**	**--%**	**--%**	**--%**	**100%**
Capital	ELECTRIC DISTRIBUTION	GRANITE 12KV BREAKER AND SWITCHGEAR REPL	Non-RAMP	Non-RAMP	Non-RAMP	No	1,103	--	--	--	1,103	100%	--%	--%	--%	100%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal GRANITE 12KV BREAKER AND SWITCHGEAR REPL**				**Yes**	**1,103**	**--**	**--**	**--**	**1,103**	**100%**	**--%**	**--%**	**--%**	**100%**
Capital	ELECTRIC DISTRIBUTION	NORTH VALLEY 69-12KV SUBSTATION REBUILD	Electric Infrastructure Longevity	North Valley (Monte Hill) Substation Rebuild	Substation	No	245	--	--	--	245	100%	--%	--%	--%	100%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal NORTH VALLEY 69/12KV SUBSTATION REBUILD**				**Yes**	**245**	**--**	**--**	**--**	**245**	**100%**	**--%**	**--%**	**--%**	**100%**
Capital	ELECTRIC DISTRIBUTION	WORKLOAD MANAGEMENT APPLICATION	Non-RAMP	Non-RAMP	Non-RAMP	No	1,218	--	--	--	1,218	100%	--%	--%	--%	100%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal WORKLOAD MANAGEMENT APPLICATION**				**Yes**	**1,218**	**--**	**--**	**--**	**1,218**	**100%**	**--%**	**--%**	**--%**	**100%**
Capital	ELECTRIC DISTRIBUTION	KETTNER REBUILD	Non-RAMP	Non-RAMP	Non-RAMP	No	614	--	--	--	614	100%	--%	--%	--%	100%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal KETTNER REBUILD**				**Yes**	**614**	**--**	**--**	**--**	**614**	**100%**	**--%**	**--%**	**--%**	**100%**
Capital	ELECTRIC DISTRIBUTION	INCIDENT RESPONSE- NON-INCREMENTAL	Non-RAMP	Non-RAMP	Non-RAMP	No	80	--	--	--	80	100%	--%	--%	--%	100%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal INCIDENT RESPONSE- NON-INCREMENTAL**				**Yes**	**80**	**--**	**--**	**--**	**80**	**100%**	**--%**	**--%**	**--%**	**100%**
Capital	ELECTRIC DISTRIBUTION	MID-COAST TROLLEY EXTENSION	Non-RAMP	Non-RAMP	Non-RAMP	No	1	--	--	--	1	100%	--%	--%	--%	100%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal MID-COAST TROLLEY EXTENSION**				**Yes**	**1**	**--**	**--**	**--**	**1**	**100%**	**--%**	**--%**	**--%**	**100%**
Capital	ELECTRIC DISTRIBUTION	MISSION 138KV & 69KV SUB REBUILD	Non-RAMP	Non-RAMP	Non-RAMP	No	348	--	--	--	348	100%	--%	--%	--%	100%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal MISSION 138KV & 69KV SUB REBUILD**				**Yes**	**348**	**--**	**--**	**--**	**348**	**100%**	**--%**	**--%**	**--%**	**100%**
Capital	ELECTRIC DISTRIBUTION	NARROWS REBUILD	Non-RAMP	Non-RAMP	Non-RAMP	No	2	--	--	--	2	100%	--%	--%	--%	100%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal NARROWS REBUILD**				**Yes**	**2**	**--**	**--**	**--**	**2**	**100%**	**--%**	**--%**	**--%**	**100%**
Capital	ELECTRIC DISTRIBUTION	NEW DOWNTOWN 69/12KV SUBSTATION	Non-RAMP	Non-RAMP	Non-RAMP	No	27	--	--	--	27	100%	--%	--%	--%	100%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal NEW DOWNTOWN 69/12KV SUBSTATION**				**Yes**	**27**	**--**	**--**	**--**	**27**	**100%**	**--%**	**--%**	**--%**	**100%**
Capital	ELECTRIC DISTRIBUTION	POLE LOADING REMEDIATION (NON-WMP)	Non-RAMP	Non-RAMP	Non-RAMP	No	385	--	--	--	385	100%	--%	--%	--%	100%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal POLE LOADING REMEDIATION (NON-WMP)**				**Yes**	**385**	**--**	**--**	**--**	**385**	**100%**	**--%**	**--%**	**--%**	**100%**
Capital	ELECTRIC DISTRIBUTION	PURE WATER ELECTRIC	Non-RAMP	Non-RAMP	Non-RAMP	No	(561)	--	--	--	(561)	100%	--%	--%	--%	100%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal PURE WATER ELECTRIC**				**Yes**	**(561)**	**--**	**--**	**--**	**(561)**	**100%**	**--%**	**--%**	**--%**	**100%**
Capital	ELECTRIC DISTRIBUTION	REBUILDING OF SKILLS TRAINING YARD	Non-RAMP	Non-RAMP	Non-RAMP	No	1,270	--	--	--	1,270	100%	--%	--%	--%	100%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal REBUILDING OF SKILLS TRAINING YARD**				**Yes**	**1,270**	**--**	**--**	**--**	**1,270**	**100%**	**--%**	**--%**	**--%**	**100%**
Capital	ELECTRIC DISTRIBUTION	RFS JAPANESE MESA SUBSTATION	Non-RAMP	Non-RAMP	Non-RAMP	No	108	--	--	--	108	100%	--%	--%	--%	100%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RFS JAPANESE MESA SUBSTATION**				**Yes**	**108**	**--**	**--**	**--**	**108**	**100%**	**--%**	**--%**	**--%**	**100%**
Capital	ELECTRIC DISTRIBUTION	SCADA EXPANSION-TRANSMISSION	Non-RAMP	Non-RAMP	Non-RAMP	No	5	--	--	--	5	100%	--%	--%	--%	100%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal SCADA EXPANSION-TRANSMISSION**				**Yes**	**5**	**--**	**--**	**--**	**5**	**100%**	**--%**	**--%**	**--%**	**100%**
Capital	ELECTRIC DISTRIBUTION	SCADA HEAD-END REPLACEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	22	--	--	--	22	100%	--%	--%	--%	100%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal SCADA HEAD-END REPLACEMENT**				**Yes**	**22**	**--**	**--**	**--**	**22**	**100%**	**--%**	**--%**	**--%**	**100%**
Capital	ELECTRIC DISTRIBUTION	SUB EXTERNALLY ROUTABLE CONNECTIV (SERC)	Non-RAMP	Non-RAMP	Non-RAMP	No	53	--	--	--	53	100%	--%	--%	--%	100%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal SUB EXTERNALLY ROUTABLE CONNECTIV (SERC)**				**Yes**	**53**	**--**	**--**	**--**	**53**	**100%**	**--%**	**--%**	**--%**	**100%**
Capital	ELECTRIC DISTRIBUTION	SUBSTATION DC RELIABILITY UPGRADE PROJ	Non-RAMP	Non-RAMP	Non-RAMP	No	5	--	--	--	5	100%	--%	--%	--%	100%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal SUBSTATION DC RELIABILITY UPGRADE PROJ**				**Yes**	**5**	**--**	**--**	**--**	**5**	**100%**	**--%**	**--%**	**--%**	**100%**
Capital	ELECTRIC DISTRIBUTION	SUBSTATION SECURITY PROJ UNDER $500K	Non-RAMP	Non-RAMP	Non-RAMP	No	328	--	--	--	328	100%	--%	--%	--%	100%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal SUBSTATION SECURITY PROJ UNDER $500K**				**Yes**	**328**	**--**	**--**	**--**	**328**	**100%**	**--%**	**--%**	**--%**	**100%**

SDG&E ELECTRIC DISTRIBUTION Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	ByRoll	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference ($)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
Capital	ELECTRIC DISTRIBUTION	SYNCHRONIZED PHASOR MEASUREMENT SYSTEM	Non-RAMP	Non-RAMP	Non-RAMP	No	(36.1)	---	---	---	(36.1)	100%	--%	--%	--%	100%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal 15 SYNCHRONIZED PHASOR MEASUREMENT SYSTEM**				**Yes**	**(36.1)**	**---**	**---**	**---**	**(36.1)**	**100%**	**--%**	**--%**	**--%**	**100%**
Capital	ELECTRIC DISTRIBUTION	TL23001 TL23004 INSULATOR AND HARDWARE R	Non-RAMP	Non-RAMP	Non-RAMP	No	6	---	---	---	6	100%	--%	--%	--%	100%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal TL23001 TL23004 INSULATOR AND HARDWARE R**				**Yes**	**6**	**---**	**---**	**---**	**6**	**100%**	**--%**	**--%**	**--%**	**100%**
Capital	ELECTRIC DISTRIBUTION	TL610 - RELIABILITY POLE REPLACEMENTS	Non-RAMP	Non-RAMP	Non-RAMP	No	93	---	---	---	93	100%	--%	--%	--%	100%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal TL 610 - RELIABILITY POLE REPLACEMENTS**				**Yes**	**93**	**---**	**---**	**---**	**93**	**100%**	**--%**	**--%**	**--%**	**100%**
Capital	ELECTRIC DISTRIBUTION	TL603 B SWEETWATER TAP REMOVAL	Non-RAMP	Non-RAMP	Non-RAMP	No	1	---	---	---	1	100%	--%	--%	--%	100%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal TL 603 B SWEETWATER TAP REMOVAL**				**Yes**	**1**	**---**	**---**	**---**	**1**	**100%**	**--%**	**--%**	**--%**	**100%**
Capital	ELECTRIC DISTRIBUTION	TL605 RECONDUCTOR: SILVERGATE - URBAN	Non-RAMP	Non-RAMP	Non-RAMP	No	211	---	---	---	211	100%	--%	--%	--%	100%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal TL 605 RECONDUCTOR: SILVERGATE - URBAN**				**Yes**	**211**	**---**	**---**	**---**	**211**	**100%**	**--%**	**--%**	**--%**	**100%**
Capital	ELECTRIC DISTRIBUTION	TL634 JUNIPER STREET CUSTOMER RELOCATION	Non-RAMP	Non-RAMP	Non-RAMP	No	158	---	---	---	158	100%	--%	--%	--%	100%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal TL 634 JUNIPER STREET CUSTOMER RELOCATION**				**Yes**	**158**	**---**	**---**	**---**	**158**	**100%**	**--%**	**--%**	**--%**	**100%**
Capital	ELECTRIC DISTRIBUTION	TRANSMISSION EMS/SCADA RELIANCE UPGRADE	Non-RAMP	Non-RAMP	Non-RAMP	No	374	---	---	---	374	100%	--%	--%	--%	100%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal T TRANSMISSION EMS/SCADA RELIANCE UPGRADE**				**Yes**	**374**	**---**	**---**	**---**	**374**	**100%**	**--%**	**--%**	**--%**	**100%**
Capital	ELECTRIC DISTRIBUTION	TL667 SAN DIEGUITO RELOCATION	Non-RAMP	Non-RAMP	Non-RAMP	No	10	---	---	---	10	100%	--%	--%	--%	100%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal TL 667 SAN DIEGUITO RELOCATION**				**Yes**	**10**	**---**	**---**	**---**	**10**	**100%**	**--%**	**--%**	**--%**	**100%**
Capital	ELECTRIC DISTRIBUTION	TL673 RN-LJ DB CABLE REPLACE	Non-RAMP	Non-RAMP	Non-RAMP	No	1	---	---	---	1	100%	--%	--%	--%	100%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal TL 673 RN-LJ DB CABLE REPLACE**				**Yes**	**1**	**---**	**---**	**---**	**1**	**100%**	**--%**	**--%**	**--%**	**100%**
Capital	ELECTRIC DISTRIBUTION	TL674 A DEL MAR RECONFIGURE/TL666 D RFS	Non-RAMP	Non-RAMP	Non-RAMP	No	159	---	---	---	159	100%	--%	--%	--%	100%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal TL 674 A DEL MAR RECONFIGURE/TL 666D RFS**				**Yes**	**159**	**---**	**---**	**---**	**159**	**100%**	**--%**	**--%**	**--%**	**100%**
Capital	ELECTRIC DISTRIBUTION	TRANSMISSION INFRASTRUCTURE IMPROVEMENTS	Non-RAMP	Non-RAMP	Non-RAMP	No	28	---	---	---	28	100%	--%	--%	--%	100%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal T TRANSMISSION INFRASTRUCTURE IMPROVEMENTS**				**Yes**	**28**	**---**	**---**	**---**	**28**	**100%**	**--%**	**--%**	**--%**	**100%**
Capital	ELECTRIC DISTRIBUTION	TL697.5 ESCONDIDO - SAN MARCOS	Non-RAMP	Non-RAMP	Non-RAMP	No	26	---	---	---	26	100%	--%	--%	--%	100%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal TL 697.5 ESCONDIDO - SAN MARCOS**				**Yes**	**26**	**---**	**---**	**---**	**26**	**100%**	**--%**	**--%**	**--%**	**100%**
Capital	ELECTRIC DISTRIBUTION	TL698 MEADOWOOD RELOCATION	Non-RAMP	Non-RAMP	Non-RAMP	No	(2.3)	---	---	---	(2.3)	100%	--%	--%	--%	100%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal TL 698 MEADOWOOD RELOCATION**				**Yes**	**(2.3)**	**---**	**---**	**---**	**(2.3)**	**100%**	**--%**	**--%**	**--%**	**100%**

SDG&E ELECTRIC DISTRIBUTION Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
Capital	ELECTRIC DISTRIBUTION	ELECTRIC DISTRIBUTION				Yes																					
Capital	ELECTRIC DISTRIBUTION	3 ROOTS TL69H, TL677, TL668 CUST RELO	Non-RAMP	Non-RAMP		No																					
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal:3 ROOTS TL69H,TL677,TL668 CUST RELO**				**Yes**																					
Capital	ELECTRIC DISTRIBUTION	CITY OF SAN DIEGO SURCHARGE PROG (20SD)	Non-RAMP	Non-RAMP	Non-RAMP	No																					
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal:CITY OF SAN DIEGO SURCHARGE PROG (20SD)**				**Yes**																					
Capital	ELECTRIC DISTRIBUTION	CONVERSION FROM OH TO UG RULE 20A	Non-RAMP	Non-RAMP	Non-RAMP	No																					
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal:CONVERSION FROM OH TO UG RULE 20A**				**Yes**																					
Capital	ELECTRIC DISTRIBUTION	CONVERSION FROM OH-UG RULE 20B NEW BUSIN	Non-RAMP	Non-RAMP	Non-RAMP	No																					
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal:CONVERSION FROM OH-UG RULE 20B NEW BUSIN**				**Yes**																					
Capital	ELECTRIC DISTRIBUTION	CONVERSION FROM OH-UG RULE 20C	Non-RAMP	Non-RAMP	Non-RAMP	No																					
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal:CONVERSION FROM OH-UG RULE 20C**				**Yes**																					
Capital	ELECTRIC DISTRIBUTION	CORONADO 69/12KV TRANSFORMER REPLACEMENT	Electric Infrastructure Integrity	Substation Reliability for Distribution Components - Coronado 69/12kV Transformer Replacements	Substation	No	Transformers replaced	1				1	1				1	0	0	0	0	—	0 %	0 %	0 %	0 %	0 %
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal:CORONADO 69/12KV TRANSFORMER REPLACEMENT**				**Yes**																					
Capital	ELECTRIC DISTRIBUTION	CUSTOMER REQUESTED UPGRADES AND SERVICES	Non-RAMP	Non-RAMP	Non-RAMP	No																					
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal:CUSTOMER REQUESTED UPGRADES AND SERVICES**				**Yes**																					
Capital	ELECTRIC DISTRIBUTION	DISTRIBUTED GENERATION INTERCONNECT. PRO	Non-RAMP	Non-RAMP	Non-RAMP	No																					
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal:DISTRIBUTED GENERATION INTERCONNECT. PRO**				**Yes**																					
Capital	ELECTRIC DISTRIBUTION	DISTRIBUTION SYSTEM CAPACITY IMPROVEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	This program is for minor modification types of projects. Work may include feeder and branch reconductoring, installation of appropriate switching, and other equipment as necessary, to increase the capacity of the distribution system for reliability and operating concerns. This program also installs infrastructure for future circuit projects in conjunction with road improvements, transmission system upgrades or other upgrade activities. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																	
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal:DISTRIBUTION SYSTEM CAPACITY IMPROVEMENT**				**Yes**																					
Capital	ELECTRIC DISTRIBUTION	ELCT TRANS SMALL REALIBILITY/OBS- NON WMP	Non-RAMP	Non-RAMP	Non-RAMP	No	Relay refused	40				40	40				40	4	0	0	0	4	10 %	0 %	0 %	0 %	10 %
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal:ELCT TRANS SMALL REALIBILITY/OBS- NON WMP**				**Yes**																					
Capital	ELECTRIC DISTRIBUTION	ELECTRIC - CONVERSION FROM OH TO UG RULE 20B	Non-RAMP	Non-RAMP	Non-RAMP	No																					
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal:ELECTRIC - CONVERSION FROM OH TO UG RULE 20B**				**Yes**																					
Capital	ELECTRIC DISTRIBUTION	ELEC TRIC DIST. STREET/HWY RELOCATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No																					
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal:ELECTRIC DIST. STREET/HWY RELOCATIONS**				**Yes**																					
Capital	ELECTRIC DISTRIBUTION	ELECTRIC DISTRIBUTION EASEMENTS	Non-RAMP	Non-RAMP	Non-RAMP	No	This capital workpaper is required to obtain new electric distribution easements necessary to provide service to new customers, accommodate street and highway relocations, and uground conversions, and other capital improvement projects to improve electrical service. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																	
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal:ELECTRIC DISTRIBUTION EASEMENTS**				**Yes**																					
Capital	ELECTRIC DISTRIBUTION	ELECTRIC DISTRIBUTION TOOLS/EQUIPMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	Various types of new tools and equipment are purchased through this program to support Electric Distribution work. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																	
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal:ELECTRIC DISTRIBUTION TOOLS/EQUIPMENT**				**Yes**																					
Capital	ELECTRIC DISTRIBUTION	ELECTRIC METERS & REGULATORS	Non-RAMP	Non-RAMP	Non-RAMP	No	Meters purchased	62,211				62,211	9,515				9,515	52,696	0	0	0	52,696	554 %	0 %	0 %	0 %	554 %
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal:ELECTRIC METERS & REGULATORS**				**Yes**																					
Capital	ELECTRIC DISTRIBUTION	ELECTRIC TRANSMISSION TOOLS & EQUIPMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	This program supports new types or additional tool purchases for ongoing construction and maintenance activities on the Substation and Transmission System. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																	
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal:ELECTRIC TRANSMISSION TOOLS & EQUIPMENT**				**Yes**																					
Capital	ELECTRIC DISTRIBUTION	FIBER OPTIC FOR RELAY PROTECT & TELECOM	Non-RAMP	Non-RAMP	Non-RAMP	No	All-Dielectric Self-Supporting (ADSS) Miles	—				—	24				24	(24)	0	0	0	(24)	(100) %	0 %	0 %	0 %	(100) %
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal:FIBER OPTIC FOR RELAY PROTECT & TELECOM**				**Yes**																					
Capital	ELECTRIC DISTRIBUTION	FIELD SHUNT CAPACITORS	Non-RAMP	Non-RAMP	Non-RAMP	No	Capacitor banks energized	2				2	8				8	(6)	0	0	0	(6)	(75) %	0 %	0 %	0 %	(75) %
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal:FIELD SHUNT CAPACITORS**				**Yes**																					
Capital	ELECTRIC DISTRIBUTION	FUTURE CAPACITY PROJECTS	Non-RAMP	Non-RAMP	Non-RAMP	No																					
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal:FUTURE CAPACITY PROJECTS**				**Yes**																					
Capital	ELECTRIC DISTRIBUTION	GRANITE SUBSTATION 69KV LOOP-IN	Non-RAMP	Non-RAMP	Non-RAMP	No	Telecom materials	1				1	1				1	0	0	0	0	—	0 %	0 %	0 %	0 %	0 %
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal:GRANITE SUBSTATION 69KV LOOP-IN**				**Yes**																					
Capital	ELECTRIC DISTRIBUTION	LA JOLLA 69/12KV TRANSFORMER REPLACEMENT	Electric Infrastructure Integrity	La Jolla 69/12kV Transformer Replacement	Substation	No	This project was canceled because it has been reassessed, and no significant maintenance concerns have been evaluated. Due to affordability and other more critical projects, the project has been canceled. 2024 activities included preliminary engineering. The intended purpose of this project was to remove and replace transformer(s), disconnect(s), and capacitor banks due to aging infrastructure, operational limitations, environmental concerns, in addition to meeting current reliability standards. The variety of work activities in this category makes it infeasible to identify a single unit of measure																	
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal:LA JOLLA 69/12KV TRANSFORMER REPLACEMENT**				**Yes**																					
Capital	ELECTRIC DISTRIBUTION	MISSION DCC REMODEL PROJECT	Non-RAMP	Non-RAMP	Non-RAMP	No	Activities in this workpaper represent planning, design, permitting, and construction of a 22,000 square feet 2-story addition to Mission Control Building A and renovation of the existing distribution control center (DCC) and related areas. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																	
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal:MISSION DCC REMODEL PROJECT**				**Yes**																					
Capital	ELECTRIC DISTRIBUTION	NEW BUSINESS INFRASTRUCTURE	Non-RAMP	Non-RAMP	Non-RAMP	No																					
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal:NEW BUSINESS INFRASTRUCTURE**				**Yes**																					
Capital	ELECTRIC DISTRIBUTION	NEW SERVICE INSTALLATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No																					
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal:NEW SERVICE INSTALLATIONS**				**Yes**																					
Capital	ELECTRIC DISTRIBUTION	OH NON-RESIDENTIAL NB	Non-RAMP	Non-RAMP	Non-RAMP	No																					
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal:OH NON-RESIDENTIAL NB**				**Yes**																					
Capital	ELECTRIC DISTRIBUTION	OH RESIDENTIAL NB	Non-RAMP	Non-RAMP	Non-RAMP	No																					
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal:OH RESIDENTIAL NB**				**Yes**																					
Capital	ELECTRIC DISTRIBUTION	PLANNED INVESTMENTS	Non-RAMP	Non-RAMP	Non-RAMP	No	This blanket program provides for the reconstruction and extension of overhead and underground distribution facilities to replace overloaded conductors, to correct primary voltage problems, and to transfer load to balance circuits and substations. The variety of work activities in this program makes it infeasible to identify a single unit of measurement.																	
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal:PLANNED INVESTMENTS**				**Yes**																					
Capital	ELECTRIC DISTRIBUTION	RAMP - CORRECTIVE MAINTENANCE PROGRAM (CMP)	Electric Infrastructure Integrity	GO165 Corrective Maintenance Program Underground	UG Distribution	No	Jobs completed	1,420				1,420	1,695				1,695	(275)	0	0	0	(275)	(16) %	0 %	0 %	0 %	(16) %
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal:RAMP - CORRECTIVE MAINTENANCE PROGRAM (CMP)**				**Yes**																					
Capital	ELECTRIC DISTRIBUTION	RAMP - INSTALL SCADA ON LINE CAPACITORS	Electric Infrastructure Integrity	SCADA Capacitors	OH Distribution	No	Overhead (OH) SCADA capacitors installed	1				1	11				11	(10)	0	0	0	(10)	(91) %	0 %	0 %	0 %	(91) %
Capital	ELECTRIC DISTRIBUTION	RAMP - INSTALL SCADA ON LINE CAPACITORS	Electric Infrastructure Integrity	SCADA Capacitors	UG Distribution	No	Underground (UG) SCADA capacitors installed	—				—	4				4	(4)	0	0	0	(4)	(100) %	0 %	0 %	0 %	(100) %
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal:RAMP - INSTALL SCADA ON LINE CAPACITORS**				**Yes**																					

SDG&E ELECTRIC DISTRIBUTION Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	ReRun	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
Capital	ELECTRIC DISTRIBUTION	RAMP - MANHOLE, HANDHOLE, AND VAULT RESTORATION	Electric Infrastructure Integrity	GO 165 Manhole, Vault Restoration Program	Manhole/Handhole	No	Manhole restorations	622				622	771				771	(149)	0	0	0	(149)	(19)%	0%	0%	0%	(19)%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP - MANHOLE, HANDHOLE, AND VAULT RESTORATION**				**Yes**																					
Capital	ELECTRIC DISTRIBUTION	RAMP - POLE REPLACEMENT AND REINFORCEMENT	Electric Infrastructure Integrity	GO165 Pole Replacement Reinforcement	N/A	No	Poles replaced	747				747	600				600	147	0	0	0	147	25%	0%	0%	0%	25%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP - POLE REPLACEMENT AND REINFORCEMENT**				**Yes**																					
Capital	ELECTRIC DISTRIBUTION	RAMP - REPLACE OBSOLETE SUBSTATION EQUIPMENT	Electric Infrastructure Integrity	Distribution Substation Obsolete Equipment	Substation	No	Major substation equipment installed	7				7	3				3	4	0	0	0	4	133%	0%	0%	0%	133%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP - REPLACE OBSOLETE SUBSTATION EQUIPMENT**				**Yes**																					
Capital	ELECTRIC DISTRIBUTION	RAMP - STUART 12KV TRANSFORMER REPLACEMENT	Electric Infrastructure Integrity	Stuart 12kV Transformer Replacement	Substation	No	Transformer replaced	—				—	1				1	(1)	0	0	0	(1)	(100)%	0%	0%	0%	(100)%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP - STUART 12KV TRANSFORMER REPLACEMENT**				**Yes**																					
Capital	ELECTRIC DISTRIBUTION	RAMP- 4KV MODERNIZATION	Electric Infrastructure Integrity	4kV Modernization Program Distribution	OH Distribution	No	Miles of conductor replaced	—				—	6				6	(6)	0	0	0	(6)	(100)%	0%	0%	0%	(100)%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- 4KV MODERNIZATION**				**Yes**																					
Capital	ELECTRIC DISTRIBUTION	RAMP- AVIAN PROTECTION	Electric Infrastructure Integrity	Avian Protection Program	OH Distribution	No	Poles protected	—				—	50				50	(50)	0	0	0	(50)	(100)%	0%	0%	0%	(100)%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- AVIAN PROTECTION**				**Yes**																					
Capital	ELECTRIC DISTRIBUTION	RAMP- BERNARDO 12 KV BREAKERS AND TRANSFORMER	Electric Infrastructure Integrity	Substation Reliability for Distribution Components Bernardo 12kV Breakers Replacements	Substation	No	Breakers replaced	—				—	15				15	(15)	0	0	0	(15)	(100)%	0%	0%	0%	(100)%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- BERNARDO 12 KV BREAKERS AND TRANSFORMER**				**Yes**																					
Capital	ELECTRIC DISTRIBUTION	RAMP- CAPITAL RESTORATION OF SERVICE	Electric Infrastructure Integrity	Restoration of Service	N/A	No	Non-transformer forced outages requiring crew repair or in-kind replacement	776				776	590				590	186	0	0	0	186	32%	0%	0%	0%	32%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- CAPITAL RESTORATION OF SERVICE**				**Yes**																					
Capital	ELECTRIC DISTRIBUTION	RAMP- DISTRIBUTION CIRCUIT RELIABILITY CONSTRUCTION	Electric Infrastructure Integrity	Distribution Circuit Reliability	OH Distribution	No	OH Switches Replaced	1				1	5				5	(4)	0	0	0	(4)	(80)%	0%	0%	0%	(80)%
Capital	ELECTRIC DISTRIBUTION	RAMP- DISTRIBUTION CIRCUIT RELIABILITY CONSTRUCTION	Electric Infrastructure Integrity	Distribution Circuit Reliability	UG Distribution	No	UG Switches Replaced	2				2	9				9	(7)	0	0	0	(7)	(78)%	0%	0%	0%	(78)%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- DISTRIBUTION CIRCUIT RELIABILITY CONSTRUCTION**				**Yes**																					
Capital	ELECTRIC DISTRIBUTION	RAMP- DISTRIBUTION SUBSTATION RELIABILITY	Electric Infrastructure Integrity	Minor Distribution Substation Reliability Projects	N/A	No	Major substation equipment installed	3				3	3				3	0	0	0	0	—	0%	0%	0%	0%	0%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- DISTRIBUTION SUBSTATION RELIABILITY**				**Yes**																					
Capital	ELECTRIC DISTRIBUTION	RAMP- DOE SWITCH REPLACEMENT	Electric Infrastructure Integrity	DOE Switch Replacement Underground	UG Distribution	No	Do not Operate Energized (DOE) Switches Replaced	16				16	28				28	(12)	0	0	0	(12)	(43)%	0%	0%	0%	(43)%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- DOE SWITCH REPLACEMENT**				**Yes**																					
Capital	ELECTRIC DISTRIBUTION	RAMP- EL CAJON 12KV BREAKER REPLACEMENTS	Non-RAMP	Non-RAMP	Non-RAMP	No	Breakers replaced	14				14	—				—	14	0	0	0	14	100%	0%	0%	0%	100%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- EL CAJON 12KV BREAKER REPLACEMENTS**				**Yes**																					
Capital	ELECTRIC DISTRIBUTION	RAMP- EMERGENCY TRANSFORMER & SWITCHGEAR	Electric Infrastructure Integrity	Emergency Transformer and Switchgear	N/A	No	Substation equipment purchased	25				25	77				77	(52)	0	0	0	(52)	(68)%	0%	0%	0%	(68)%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- EMERGENCY TRANSFORMER & SWITCHGEAR**				**Yes**																					
Capital	ELECTRIC DISTRIBUTION	RAMP- HIGH RISK SWITCH REPLACEMENT PROJECT	Electric Infrastructure Integrity	Distribution Overhead Switch Replacement Program	OH Distribution	No	Switches Replaced	4				4	20				20	(16)	0	0	0	(16)	(80)%	0%	0%	0%	(80)%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- HIGH RISK SWITCH REPLACEMENT PROJECT**				**Yes**																					
Capital	ELECTRIC DISTRIBUTION	RAMP- ENERGIZED TEST YARD	Non-RAMP	Non-RAMP	Non-RAMP	No	This project was previously completed in 2023 which included installation of pad mount transformers. Costs shown in 2024 include minor closeout trailing costs.																				
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- ENERGIZED TEST YARD**				**Yes**																					
Capital	ELECTRIC DISTRIBUTION	RAMP- MANAGEMENT OF OH DIST. SERVICE	Electric Infrastructure Integrity	Management of Overhead Distribution Service (Non-CMP)	N/A	No	Overhead transformer forced outages requiring crew in-kind replacements	101				101	160				160	(59)	0	0	0	(59)	(37)%	0%	0%	0%	(37)%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- MANAGEMENT OF OH DIST. SERVICE**				**Yes**																					
Capital	ELECTRIC DISTRIBUTION	RAMP- MANAGEMENT OF UG DIST. SERVICE	Electric Infrastructure Integrity	Management of Underground Distribution Service	N/A	No	Underground transformer forced outages requiring crew in-kind replacement	265				265	260				260	5	0	0	0	5	2%	0%	0%	0%	2%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- MANAGEMENT OF UG DIST. SERVICE**				**Yes**																					
Capital	ELECTRIC DISTRIBUTION	RAMP- MIRAMAR 12KV REPLACEMENTS	Electric Infrastructure Integrity	Substation Reliability for Distribution Components Miramar 12kV Replacements	Substation	No	The purpose of this project is to replace five existing 12kV breakers. 2024 costs and activities include procurement of 16 12kV breakers. Breaker installation and energization is expected in 2025.																				
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- MIRAMAR 12KV REPLACEMENTS**				**Yes**																					
Capital	ELECTRIC DISTRIBUTION	RAMP- MISSION 12KV REPLACEMENTS	Non-RAMP	Non-RAMP	Non-RAMP	No	Breakers replaced	12				12	3				3	9	0	0	0	9	300%	0%	0%	0%	300%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- MISSION 12KV REPLACEMENTS**				**Yes**																					
Capital	ELECTRIC DISTRIBUTION	RAMP- NORTH HARBOR	Electric Infrastructure Integrity	Underground Cable Replacement Program Proactive North Harbor Project	UG Distribution	No	Cable installed (ft)	—				—	20,205				20,205	(20,205)	0	0	0	(20,205)	(100)%	0%	0%	0%	(100)%

SDG&E ELECTRIC DISTRIBUTION Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- NORTH HARBOR**				**Yes**																					
Capital	ELECTRIC DISTRIBUTION	RAMP- OH PUBLIC SAFETY (OPS)	Electric Infrastructure Integrity	Overhead Public Safety (OPS) Program	OH Distribution	No	Miles of conductor replaced	--				--	8				8	(8)	0	0	0	(8)	(100.0)%	0.0%	0.0%	0.0%	(100.0)%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- OH PUBLIC SAFETY (OPS)**				**Yes**																					
Capital	ELECTRIC DISTRIBUTION	RAMP- PLANNED CABLE REPLACEMENTS	Electric Infrastructure Integrity	Underground Cable Replacement Program Proactive	UG Distribution	No	Miles of Conductor Replaced	19				19	38				38	(19)	0	0	0	(19)	(49.0)%	0.0%	0.0%	0.0%	(49.0)%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- PLANNED CABLE REPLACEMENTS**				**Yes**																					
Capital	ELECTRIC DISTRIBUTION	RAMP- POWER QUALITY PROGRAM	Electric Infrastructure Integrity	Power Quality Monitor Deployment and Replacement	N/A	No	Meters replaced	7				7	5				5	2	0	0	0	2	40.0%	0.0%	0.0%	0.0%	40.0%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- POWER QUALITY PROGRAM**				**Yes**																					
Capital	ELECTRIC DISTRIBUTION	RAMP- PROACTIVE DEAD FRONT TERMINATOR DEPLOY	Electric Infrastructure Integrity	Replacement of Live Front Equipment - Proactive	UG Distribution	No	Terminators Replaced	--				--	15				15	(15)	0	0	0	(15)	(100.0)%	0.0%	0.0%	0.0%	(100.0)%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- PROACTIVE DEAD FRONT TERMINATOR DEPLOY**				**Yes**																					
Capital	ELECTRIC DISTRIBUTION	RAMP- REPLACEMENT OF LIVE FRONT EQUIPMENT	Electric Infrastructure Integrity	Replacement of Live Front Equipment - Reactive	N/A	No	Terminators Replaced	--				--	6				6	(6)	0	0	0	(6)	(100.0)%	0.0%	0.0%	0.0%	(100.0)%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- REPLACEMENT OF LIVE FRONT EQUIPMENT**				**Yes**																					
Capital	ELECTRIC DISTRIBUTION	RAMP- REPLACEMENT OF UNDERGROUND CABLES	Electric Infrastructure Integrity	Underground Cable Replacement Program Reactive	N/A	No	Distribution UG cable outages requiring crew replacement	533				533	350				350	183	0	0	0	183	52.3%	0.0%	0.0%	0.0%	52.3%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- REPLACEMENT OF UNDERGROUND CABLES**				**Yes**																					
Capital	ELECTRIC DISTRIBUTION	RAMP- RTU MODERNIZATION	Electric Infrastructure Integrity	Field SCADA RTU Replacement	UG Distribution	No	Remote Terminal Units (RTU) replaced	10				10	15				15	(5)	0	0	0	(5)	(33.3)%	0.0%	0.0%	0.0%	(33.3)%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- RTU MODERNIZATION**				**Yes**																					
Capital	ELECTRIC DISTRIBUTION	RAMP- SAN MARCOS SUB REBUILD 69KV & 12KV	Electric Infrastructure Integrity	San Marcos Substation 69kV Rebuild & 12kV Switchgear	Substation	No	Breakers installed	--				--	1				1	(1)	0	0	0	(1)	(100.0)%	0.0%	0.0%	0.0%	(100.0)%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- SAN MARCOS SUB REBUILD 69KV & 12 KV**				**Yes**																					
Capital	ELECTRIC DISTRIBUTION	RAMP- SUBSTATION SCADA EXPANSION-DISTRIBUTION	Electric Infrastructure Integrity	Distribution Substation SCADA Expansion	N/A	No	Relays installed	--				--	20				20	(20)	0	0	0	(20)	(100.0)%	0.0%	0.0%	0.0%	(100.0)%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- SUBSTATION SCADA EXPANSION-DISTRIBUTION**				**Yes**																					
Capital	ELECTRIC DISTRIBUTION	RAMP- SUBSTATION MOD TO SUPPORT FLISR	Non-RAMP	Non-RAMP	Non-RAMP	No	This project was previously completed in 2022. Actual costs in 2024 represent close out spend.																				
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- SUBSTATION MOD TO SUPPORT FLISR**				**Yes**																					
Capital	ELECTRIC DISTRIBUTION	RAMP- TEE MODERNIZATION PROGRAM	Electric Infrastructure Integrity	Tee Modernization Program	UG Distribution	No	Tees replaced	253				253	130				130	123	0	0	0	123	95.3%	0.0%	0.0%	0.0%	95.3%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- TEE MODERNIZATION PROGRAM**				**Yes**																					
Capital	ELECTRIC DISTRIBUTION	RAMP- TORREY PINES 12KV BREAKER REPLACEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	The purpose of this project is to replace five existing 12kV breakers. 2024 costs and activities include initial construction and replacement costs with one portion of the breakers replaced beginning in 2025.																				
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- TORREY PINES 12KV BREAKER REPLACEMENT**				**Yes**																					
Capital	ELECTRIC DISTRIBUTION	RAMP- URBAN SUBSTATION REBUILD	Non-RAMP	Non-RAMP	Non-RAMP	No	The purpose of this project is to replace five existing 12kV switchgear which currently has temporary repairs to the roof. In order to accomplish this, a new concrete masonry unit (CMU) wall will need to be constructed extending the current wall to the property line allowing us to reliably serve the fourteen (14) existing 12kV circuits while building the new 12kV switchgear. 2024 costs and activities include phase 1 wall construction and related support services. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																				
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- URBAN SUBSTATION REBUILD**				**Yes**																					
Capital	ELECTRIC DISTRIBUTION	RAMP-NON-HFTD WIRELESS FAULT INDICATORS	Electric Infrastructure Integrity	Non-HFTD Wireless Fault Indicator	OH Distribution	No	Wireless Fault Indicators (WFIs)	--				--	800				800	(800)	0	0	0	(800)	(100.0)%	0.0%	0.0%	0.0%	(100.0)%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP-NON-HFTD WIRELESS FAULT INDICATORS**				**Yes**																					
Capital	ELECTRIC DISTRIBUTION	RAMP-STRATEGIC POLE REPLACEMENT PROGRAM (NON-HFTD)	Electric Infrastructure Integrity	Strategic Pole Replacement Program (Non-HFTD)	OH Distribution	No	Poles replaced	--				--	225				225	(225)	0	0	0	(225)	(100.0)%	0.0%	0.0%	0.0%	(100.0)%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP-STRATEGIC POLE REPLACEMENT PROGRAM (NON-HFTD)**				**Yes**																					
Capital	ELECTRIC DISTRIBUTION	REACTIVE SMALL CAPITAL PROJECTS	Non-RAMP	Non-RAMP	Non-RAMP	No	This response to blanket program addresses primary distribution system overhead and voltage-related issues with individual capital jobs identified on the forecast process. It provides for the reconstruction and extension of overhead and underground distribution facilities to replace overloaded conductors, to correct primary voltage problems, and to transfer load to balance circuits and substations. The variety of work activities in this program makes it infeasible to identify a single unit of measurement.																				
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal REACTIVE SMALL CAPITAL PROJECTS**				**Yes**																					
Capital	ELECTRIC DISTRIBUTION	SF6 SWITCH REPLACEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	SF6 switches replaced	--				--	28				28	(28)	0	0	0	(28)	(100.0)%	0.0%	0.0%	0.0%	(100.0)%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal SF6 SWITCH REPLACEMENT**				**Yes**																					
Capital	ELECTRIC DISTRIBUTION	SOUTH ORANGE COUNTY RELIABILITY ENHANCEMENT (SOCRE)	Non-RAMP	Non-RAMP	Non-RAMP	No	The scope of this project includes building the existing Capistrano Substation, from a 138/12kV distribution substation to a 230/138kV, removing transmission line TL13835 between Talega Substation and Capistrano Substation, upsizing transmission line TL23007 at Talega Substation, and looping in two new 230kV transmission lines into Capistrano Substation. 2024 costs and activities include distribution substation work at San Juan Capistrano substation. The variety of work activities in this program makes it infeasible to identify a single unit of measurement.																				
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal SOUTH ORANGE COUNTY RELIABILITY ENHANCEMENT (SOCRE)**				**Yes**																					
Capital	ELECTRIC DISTRIBUTION	STREAMVIEW 69/12KV SUB REBUILD-PRE ENG	Non-RAMP	Non-RAMP	Non-RAMP	No	This is a full substation rebuild major project that is currently in construction but was delayed several years due to land acquisition and permitting challenges. The project scope includes a variety of different types of activities both inside and outside the substation perimeter, which makes it infeasible to identify and track a single unit of measure.																				
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal STREAMVIEW 69/12KV SUB REBUILD-PRE ENG**				**Yes**																					
Capital	ELECTRIC DISTRIBUTION	STREET LIGHT MODERNIZATION	Non-RAMP	Non-RAMP	Non-RAMP	No	LED Lights	1,383				1,383	2,000				2,000	(617)	0	0	0	(617)	(31.0)%	0.0%	0.0%	0.0%	(31.0)%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal STREET LIGHT MODERNIZATION**				**Yes**																					
Capital	ELECTRIC DISTRIBUTION	SUBSTATION 12KV CAPACITOR UPGRADES	Non-RAMP	Non-RAMP	Non-RAMP	No	Capacitor banks energized	1				1	2				2	(1)	0	0	0	(1)	(50.0)%	0.0%	0.0%	0.0%	(50.0)%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal SUBSTATION 12KV CAPACITOR UPGRADES**				**Yes**																					
Capital	ELECTRIC DISTRIBUTION	TRANSFORMER & METER INSTALLATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No																					
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal TRANSFORMER & METER INSTALLATIONS**				**Yes**																					

SDG&E ELECTRIC DISTRIBUTION Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	RyRup	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
Capital	ELECTRIC DISTRIBUTION	TRANSFORMERS	Non-RAMP	Non-RAMP	Non-RAMP	No	Transformers purchased	7,302				7,302	6,999				6,999	303	0	0	0	303	4 %	0 %	0 %	0 %	4 %
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal TRANSFORMERS**				**Yes**																					
Capital	ELECTRIC DISTRIBUTION	TRANSMISSION CORRECTIVE MAINTENANCE PROGRAM	Non-RAMP	Non-RAMP	Non-RAMP	No	Poles replaced	105				105	80				80	25	0	0	0	25	31 %	0 %	0 %	0 %	31 %
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal TRANSMISSION CORRECTIVE MAINTENANCE PROGRAM**				**Yes**																					
Capital	ELECTRIC DISTRIBUTION	UG NON-RESIDENTIAL NB	Non-RAMP	Non-RAMP	Non-RAMP	No																					
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal UG NON-RESIDENTIAL NB**				**Yes**																					
Capital	ELECTRIC DISTRIBUTION	UG RESIDENTIAL NB	Non-RAMP	Non-RAMP	Non-RAMP	No																					
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal UG RESIDENTIAL NB**				**Yes**																					

SDG&E ELECTRIC DISTRIBUTION Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
Capital	ELECTRIC DISTRIBUTION	ARTESIAN 230KV EXPANSION	Non-RAMP	Non-RAMP	Non-RAMP	No	This is a FERC-driven major project. Phase 1 included building a brand new 69/12kV substation, adjacent to the existing one, was energized in 2022 with close-out costs carrying over into 2024. Being a brand new substation, the scope of the project included a multitude of both substation and line-side distribution and transmission work. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																			
Capital	ELECTRIC DISTRIBUTION	SubTotal ARTESIAN 230KV EXPANSION				Yes																					
Capital	ELECTRIC DISTRIBUTION	BORREGO SPRINGS MICROGRID GENERATOR REPL	Non-RAMP	Non-RAMP	Non-RAMP	No	This emergent project will replace the 2-1.8 MW Borrego Microgrid generators, with 2-2.50 MW generators. These generators are required to support the resiliency of the Borrego community during emergencies and extended planned outages to accomodate compliance substation and transmission system maintenance. 2024 activities included below grade construction for generator pads, transformer pads, material purchase (generator downpayment, cables), trenching/conduit install, services (environmental permitting, civil testing/mark outs) and labor (union/ non-union labor). The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																		
Capital	ELECTRIC DISTRIBUTION	SubTotal BORREGO SPRINGS MICROGRID GENERATOR REPL				Yes																					
Capital	ELECTRIC DISTRIBUTION	C1162, BD: NEW C1162	Non-RAMP	Non-RAMP	Non-RAMP	No	The purpose of this project is to install a new 12kV circuit (C1162) at Border substation to relieve overloading on circuit C536 associated with forecasted new load in the area. The project reconductored 5,700 feet of wire, trenched and installed 450 feet of conduit, and install one switch. The variety of work activities in this program makes it infeasible to identify a single unit of measurement.																		
Capital	ELECTRIC DISTRIBUTION	SubTotal C1162, BD: NEW C1162				Yes																					
Capital	ELECTRIC DISTRIBUTION	C369, S: NEW 12KV TWIN CIRCUIT	Non-RAMP	Non-RAMP	Non-RAMP	No	The purpose of this project is to install a new 12kV twin circuit C369 at Sampson substation to relieve overloading on an existing circuit associated with forecasted new load in the area. The project reconductors 2,300 feet of cable, trenches and installs 100 feet of conduit, installs one switch, and installs one capacitor. The variety of work activities in this program makes it infeasible to identify a single unit of measurement.																		
Capital	ELECTRIC DISTRIBUTION	SubTotal C369, S: NEW 12KV TWIN CIRCUIT				Yes																					
Capital	ELECTRIC DISTRIBUTION	TRANSMISSION SUBSTATION RELIABILITY	Non-RAMP	Non-RAMP	Non-RAMP	No	This is an emergent project. The activities under this blanket workpaper includes minimal costs for distribution and communication component of the replacement of obsolete or failed substation equipment. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																		
Capital	ELECTRIC DISTRIBUTION	SubTotal TRANSMISSION SUBSTATION RELIABILITY				Yes																					
Capital	ELECTRIC DISTRIBUTION	C50, PTL: RECO AND CAPACITOR	Non-RAMP	Non-RAMP	Non-RAMP	No	The purpose of this project is to reconductor existing 12kV circuit C50 at Point Loma substation to relieve overloading associated with forecasted new load in the area. The project will replace 1,800 feet of cable and install one capacitor bank. The variety of work activities in this program makes it infeasible to identify a single unit of measurement.																		
Capital	ELECTRIC DISTRIBUTION	SubTotal C50, PTL: RECO AND CAPACITOR				Yes																					
Capital	ELECTRIC DISTRIBUTION	CBM - 4.2 FIRMWARE UPGRADE FOR TRANSFORM	Non-RAMP	Non-RAMP	Non-RAMP	No	The project replaced/upgraded equipment and existing hardware/software at various substations that is used to monitor and provide numerous data points pertaining to the status of the transformers and ancillary equipment data on the gases forming inside transformers. The variety of work activities in this program makes it infeasible to identify a single unit of measurement.																		
Capital	ELECTRIC DISTRIBUTION	SubTotal CBM - 4.2 FIRMWARE UPGRADE FOR TRANSFORM				Yes																					
Capital	ELECTRIC DISTRIBUTION	COLLECTIBLE - CAMP PENDLETON - STUART MESA HOUSING	Non-RAMP	Non-RAMP	Non-RAMP	No																					
Capital	ELECTRIC DISTRIBUTION	SubTotal COLLECTIBLE - CAMP PENDLETON - STUART MESA HOUSING				Yes																					
Capital	ELECTRIC DISTRIBUTION	TRANSMISSION SYSTEM AUTOMATION	Non-RAMP	Non-RAMP	Non-RAMP	No	This is an on-going project. The activities under this blanket budget include a variety of different types of system protection engineering projects and initiatives related to transmission SCADA system upgrades and control and monitoring in support of Grid Operations. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																		
Capital	ELECTRIC DISTRIBUTION	SubTotal TRANSMISSION SYSTEM AUTOMATION				Yes																					
Capital	ELECTRIC DISTRIBUTION	VALENCIA POINTE RELOCATION	Non-RAMP	Non-RAMP	Non-RAMP	No																					
Capital	ELECTRIC DISTRIBUTION	SubTotal VALENCIA POINTE RELOCATION				Yes																					
Capital	ELECTRIC DISTRIBUTION	CRITICAL ASSET SECURITY	Non-RAMP	Non-RAMP	Non-RAMP	No	This program is focused on major transmission substation security upgrade projects. This includes different types of physical and electronic security technologies. The spend is primarily the CPUC portion of communication equipment installs and upgrades. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																		
Capital	ELECTRIC DISTRIBUTION	SubTotal CRITICAL ASSET SECURITY				Yes																					
Capital	ELECTRIC DISTRIBUTION	GPM DIGITAL LAYER	Non-RAMP	Non-RAMP	Non-RAMP	No																					
Capital	ELECTRIC DISTRIBUTION	SubTotal GPM DIGITAL LAYER				Yes																					
Capital	ELECTRIC DISTRIBUTION	ELEC TRANS LINE RELOCATION PROJECTS	Non-RAMP	Non-RAMP	Non-RAMP	No																					
Capital	ELECTRIC DISTRIBUTION	SubTotal ELEC TRANS LINE RELOCATION PROJECTS				Yes																					
Capital	ELECTRIC DISTRIBUTION	ELECTRIFICATION SUBSTATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	This is an emergent workpaper focused on addressing forecasted impacts of electrification at 8 load pockets identified by the Distribution Planning group within SDG&E's service territory on the 69kV system. The finalized scopes could includes building out existing substations and/or constructing new substations. The work will also include upgrading, extending and/or building new transmission and distribution circuits. The variety of work activities in this program makes it infeasible to identify a single unit of measurement. Work activities in 2024 includes only feasibility analysis and preliminary scoping.																		
Capital	ELECTRIC DISTRIBUTION	SubTotal ELECTRIFICATION SUBSTATIONS				Yes																					
Capital	ELECTRIC DISTRIBUTION	ENCINA DECOMMISSION-REMOVAL 138KV SUBSTA	Non-RAMP	Non-RAMP	Non-RAMP	No	This project was previously completed in 2022 with minor trailing charges in 2024. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																		
Capital	ELECTRIC DISTRIBUTION	SubTotal ENCINA DECOMMISSION-REMOVAL 138KV SUBSTA				Yes																					
Capital	ELECTRIC DISTRIBUTION	GENERATION INTERCONNECTION PROJECTS	Non-RAMP	Non-RAMP	Non-RAMP	No																					
Capital	ELECTRIC DISTRIBUTION	SubTotal GENERATION INTERCONNECTION PROJECTS				Yes																					
Capital	ELECTRIC DISTRIBUTION	GRANITE 12KV BREAKER AND SWITCHGEAR REPL	Non-RAMP	Non-RAMP	Non-RAMP	No	This emergent project comprises activities that include replacing of 12kV circuit breakers, capacitor banks, 69kV bus work, 69kV SF-6 replacements, and both above- and below-grade construction services. Activities completed in 2024 include 12 breakers and 4 capacitor banks as the major pieces of equipment. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																		
Capital	ELECTRIC DISTRIBUTION	SubTotal GRANITE 12KV BREAKER AND SWITCHGEAR REPL				Yes																					
Capital	ELECTRIC DISTRIBUTION	NORTH VALLEY 69/12KV SUBSTATION REBUILD	Electric Infrastructure Integrity	North Valley (Morro Hill) Substation Rebuild	Substation	No	This is an emergent project that split off from the WMP balanced capital workpaper 172590. This scope of work includes a major substation rebuild encompassing construction of a new 69/12kV substation to be named "North Valley" on existing SDG&E property adjacent to the current Morro Hill substation, migration of all circuits, and Remove from Service of Morro Hills once completed. 2024 actuals represent only pre-construction for engineering and design. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																		
Capital	ELECTRIC DISTRIBUTION	SubTotal NORTH VALLEY 69/12KV SUBSTATION REBUILD				Yes																					
Capital	ELECTRIC DISTRIBUTION	WORKLOAD MANAGEMENT APPLICATION	Non-RAMP	Non-RAMP	Non-RAMP	No																					
Capital	ELECTRIC DISTRIBUTION	SubTotal WORKLOAD MANAGEMENT APPLICATION				Yes																					
Capital	ELECTRIC DISTRIBUTION	KETTNER REBUILD	Non-RAMP	Non-RAMP	Non-RAMP	No	The scope of this workpaper includes adding/replacing 69kV oil circuit breakers with vacuum circuit breakers, add 12kV Capacitor Bank with step-wise switching, and construct new control shelter. The project scope included a variety of different types of activities inside/outside the substation perimeter as noted above, which made it infeasible to identify and track a single unit of measure.																		
Capital	ELECTRIC DISTRIBUTION	SubTotal KETTNER REBUILD				Yes																					
Capital	ELECTRIC DISTRIBUTION	INCIDENT RESPONSE- NON-INCREMENTAL	Non-RAMP	Non-RAMP	Non-RAMP	No	The purpose of this workpaper is to capture non-incremental costs related to any and all activities necessary to restore service, repair, replace, or restore damaged facilities, and comply with governmental orders in connection with events declared disaster by competent state or federal authorities. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																		
Capital	ELECTRIC DISTRIBUTION	SubTotal INCIDENT RESPONSE- NON-INCREMENTAL				Yes																					
Capital	ELECTRIC DISTRIBUTION	MID-COAST TROLLEY EXTENSION	Non-RAMP	Non-RAMP	Non-RAMP	No																					
Capital	ELECTRIC DISTRIBUTION	SubTotal MID-COAST TROLLEY EXTENSION				Yes																					
Capital	ELECTRIC DISTRIBUTION	MISSION 138KV & 69KV SUB REBUILD	Non-RAMP	Non-RAMP	Non-RAMP	No	This is an emergent substation rebuild project. The project scope included a variety of different types of activities on substation property. 2024 activities included purchasing of communication equipment. The variety of work activities makes it infeasible to identify and track a single unit of measure.																		
Capital	ELECTRIC DISTRIBUTION	SubTotal MISSION 138KV & 69KV SUB REBUILD				Yes																					
Capital	ELECTRIC DISTRIBUTION	NARROWS REBUILD	Non-RAMP	Non-RAMP	Non-RAMP	No	This emergent project is the rebuild of Narrows substation which is a critical asset that supports the remote communities of Borrego and Warners in the northeastern part of SDG&E's service territory. Narrows also provides an interconnection with Imperial Irrigation District (IID). 2024 activities include allocation of a split account due to the communications associated to the project. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																		
Capital	ELECTRIC DISTRIBUTION	SubTotal NARROWS REBUILD				Yes																					
Capital	ELECTRIC DISTRIBUTION	NEW DOWNTOWN 69/12KV SUBSTATION	Non-RAMP	Non-RAMP	Non-RAMP	No	This is an emergent project for a new downtown San Diego 69/12kV substation. 2024 activities include preliminary feasibility studies. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																		
Capital	ELECTRIC DISTRIBUTION	SubTotal NEW DOWNTOWN 69/12KV SUBSTATION				Yes																					
Capital	ELECTRIC DISTRIBUTION	POLE LOADING REMEDIATION (NON-WMP)	Non-RAMP	Non-RAMP	Non-RAMP	No	Poles replaced	2		2		0					—	2	0	0	0	2	100 %	0 %	0 %	0 %	100 %
Capital	ELECTRIC DISTRIBUTION	SubTotal POLE LOADING REMEDIATION (NON-WMP)				Yes																					
Capital	ELECTRIC DISTRIBUTION	PURE WATER ELECTRIC	Non-RAMP	Non-RAMP	Non-RAMP	No																					
Capital	ELECTRIC DISTRIBUTION	SubTotal PURE WATER ELECTRIC				Yes																					
Capital	ELECTRIC DISTRIBUTION	REBUILDING OF SKILLS TRAINING YARD	Non-RAMP	Non-RAMP	Non-RAMP	No	Activities in this workpaper represent equipment and labor related to expanding and rebuilding areas of overhead and underground training yards with equipment that is currently being used in the field and in line with current standards. This includes expanding the Fault Finding Specialist training yard to better support fault location, isolation and restoration for unplanned outages. 2024 activities included reroute the Fault Finding training circuit, and the feeder for the overhead training yard. In addition, the adding of OH SCADA switches and hotsa meter simulator for the Electric Troubleshooter field practicum. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																		
Capital	ELECTRIC DISTRIBUTION	SubTotal REBUILDING OF SKILLS TRAINING YARD				Yes																					
Capital	ELECTRIC DISTRIBUTION	RP5 JAPANESE MESA SUBSTATION	Non-RAMP	Non-RAMP	Non-RAMP	No	This is an emergent project for a substation bypass. The project includes new conductors, new poles and new lines being in serviced, as well as the decommissioning and removal of Japanese Mesa Substation. 2024 activities included the construction of distribution poles and the decommissioning of the substation. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																		
Capital	ELECTRIC DISTRIBUTION	SubTotal RP5 JAPANESE MESA SUBSTATION				Yes																					
Capital	ELECTRIC DISTRIBUTION	SCADA EXPANSION-TRANSMISSION	Non-RAMP	Non-RAMP	Non-RAMP	No	The variety of work activities in this category makes it infeasible to identify a single unit of measurement. 2024 activities included installation/upgrade of transmission relays and terminal units, engineering, consulting, project management, procurement and other capital expenditures in support thereof.																		
Capital	ELECTRIC DISTRIBUTION	SubTotal SCADA EXPANSION-TRANSMISSION				Yes																					
Capital	ELECTRIC DISTRIBUTION	SCADA HEAD-END REPLACEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	The purpose of the SCADA Head-End Replacement project was to fix issues with the old system and improved reliability and security. The project included duplicating the system at the backup control center, adding simulation for testing and training, preparing for system growth, upgrading communication protocols, and supporting grid modernization efforts. The project was completed in 2023 and 2024 spend was related to close-out costs. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																		
Capital	ELECTRIC DISTRIBUTION	SubTotal SCADA HEAD-END REPLACEMENT				Yes																					
Capital	ELECTRIC DISTRIBUTION	SUB EXTERNALLY ROUTABLE CONNECTIV (SERC)	Non-RAMP	Non-RAMP	Non-RAMP	No	The variety of work activities in this category makes it infeasible to identify a single unit of measurement. 2024 work activities for this emergent project include installation of devices such as real time automation controllers (RTACs), Secure Access Management Solutions (SAMS), and engineering, consulting, project management, procurement and other capital expenditures in support thereof.																		
Capital	ELECTRIC DISTRIBUTION	SubTotal SUB EXTERNALLY ROUTABLE CONNECTIV (SERC)				Yes																					
Capital	ELECTRIC DISTRIBUTION	SUBSTATION DC RELIABILITY UPGRADE PROJ	Non-RAMP	Non-RAMP	Non-RAMP	No	The variety of work activities in this category makes it infeasible to identify a single unit of measurement. 2024 activities include installation/upgrade of dedicated inverters, AC breaker panels, HVAC equipment, station batteries, DC-DC converters, DC breaker panels, DC fuse panels, and fuse/terminal plates, engineering, consulting, project management, procurement and other capital expenditures in support thereof.																		
Capital	ELECTRIC DISTRIBUTION	SubTotal SUBSTATION DC RELIABILITY UPGRADE PROJ				Yes																					
Capital	ELECTRIC DISTRIBUTION	SUBSTATION SECURITY PROJ UNDER $500K	Non-RAMP	Non-RAMP	Non-RAMP	No	This program is focused on upgrading physical and electronic security systems within and around SDG&E's substation assets. 2024 activities included the physical security hardening of the Adams substation through the installation of a new SDGE substation standard perimeter fence. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																		
Capital	ELECTRIC DISTRIBUTION	SubTotal SUBSTATION SECURITY PROJ UNDER $500K				Yes																					

SDG&E ELECTRIC DISTRIBUTION Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	ByRoup	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
Capital	ELECTRIC DISTRIBUTION	SYNCHRONIZED PHASOR MEASUREMENT SYSTEM	Non-RAMP	Non-RAMP	Non-RAMP	No	The variety of work activities in this category makes it infeasible to identify a single unit of measurement. 2024 work activities include installation of devices such as Phasor Measurement Units (PMU), real-time automation controllers (RTAC), internal software development/deployment of the Wide Area Situational Awareness (WASA) system, engineering, consulting, project management, procurement and other capital expenditures in support thereof.																	
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal 15 SYNCHRONIZED PHASOR MEASUREMENT SYSTEM**				Yes																					
Capital	ELECTRIC DISTRIBUTION	TL23001 TL23004 INSULATOR AND HARDWARE R	Non-RAMP	Non-RAMP	Non-RAMP	No	This emergent project was previously completed in 2022 which included the replacement of ceramic insulators and all associated insulator assembly hardware. Costs shown in 2024 include minor closeout trailing costs.																				
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal TL23001 TL23004 INSULATOR AND HARDWARE R**				Yes																					
Capital	ELECTRIC DISTRIBUTION	TL610 - RELIABILITY POLE REPLACEMENTS	Non-RAMP	Non-RAMP	Non-RAMP	No	This project was previously completed in 2022 which included distribution pole replacements and restringing overhighway. Costs shown in 2024 include minor closeout trailing costs.																				
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal TL 610 - RELIABILITY POLE REPLACEMENTS**				Yes																					
Capital	ELECTRIC DISTRIBUTION	TL603 B SWEETWATER TAP REMOVAL	Non-RAMP	Non-RAMP	Non-RAMP	No	This is an emergent project. This is primarily a transmission driven project with a small portion for distribution. The minor scope of distribution work consisted of ancillary information technology and communications upgrades inside the substation with minimal trailing costs in 2024.																				
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal TL 603 B SWEETWATER TAP REMOVAL**				Yes																					
Capital	ELECTRIC DISTRIBUTION	TL605 RECONDUCTOR: SILVERGATE - URBAN	Non-RAMP	Non-RAMP	Non-RAMP	No	This emergent project will involve the rebuild of an approximately 2-mile line between Silvergate Substation and Urban Substation. This new fully underground alignment from Silvergate Substation to Urban Substation consists of encased duct packages will then be utilized to install new 3000 KCMIL copper cables to achieve the ampacity rating to mitigate potential overload approved by the California Independent System Operator (CAISO). The scope of this transmission driven project includes underground trench and conduit civil work, cable installation, and related communications equipment as well as the removal of overhead transmission line that will than be de-energized upon completion of the underground cable system. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																				
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal TL 605 RECONDUCTOR: SILVERGATE - URBAN**				Yes																					
Capital	ELECTRIC DISTRIBUTION	TL634 JUNIPER STREET CUSTOMER RELOCATION	Non-RAMP	Non-RAMP	Non-RAMP	No																					
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal TL634 JUNIPER STREET CUSTOMER RELOCATION**				Yes																					
Capital	ELECTRIC DISTRIBUTION	TRANSMISSION EMS/SCADA RELIANCE UPGRADE	Non-RAMP	Non-RAMP	Non-RAMP	No	This is an emergent project and included a new hardware, software, network device, as well as a disaster recovery system. The variety of work activities in this program makes it infeasible to identify a single unit of measurement. 2024 activities include testing, parallel operations, and system commissioning.																				
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal TRANSMISSION EMS/SCADA RELIANCE UPGRADE**				Yes																					
Capital	ELECTRIC DISTRIBUTION	TL667 SAN DIEGUITO RELOCATION	Non-RAMP	Non-RAMP	Non-RAMP	No																					
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal TL 667 SAN DIEGUITO RELOCATION**				Yes																					
Capital	ELECTRIC DISTRIBUTION	TL673 RN-LJ DB CABLE REPLACE	Non-RAMP	Non-RAMP	Non-RAMP	No	This is an emergent project that was completed in 2023. This is primarily a transmission driven project with a small portion for distribution. The minor scope of distribution work consisted of ancillary information technology and communications upgrades inside the substation. Minimal costs in 2024 for trailing charges.																				
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal TL 673 RN-LJ DB CABLE REPLACE**				Yes																					
Capital	ELECTRIC DISTRIBUTION	TL674 A DEL MAR RECONFIGURE/TL666 D RFS	Non-RAMP	Non-RAMP	Non-RAMP	No	The purpose of this project was to remove TL666D from service at the Del Mar sub, remove the tap on TL674 from service at Via De La Valle, build two circuits: Del Mar - North City West and Encinitas - Rancho Santa Fe, and terminate the new Del Mar - North City West circuit and the old TL666 D. The cost incurred in 2024 were related to closeout activities. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																				
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal TL 674 A DEL MAR RECONFIGURE/TL 666D RFS**				Yes																					
Capital	ELECTRIC DISTRIBUTION	TRANSMISSION INFRASTRUCTURE IMPROVEMENTS	Non-RAMP	Non-RAMP	Non-RAMP	No	This is an emergent project. The activities under this blanket workpaper involves the replacement of obsolete substation equipment including transformers, circuit breakers, disconnects, transmission line relaying and site improvements. 2024 activities includes immaterial costs for distribution and communication component of the replacement of obsolete substation equipment. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																				
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal TRANSMISSION INFRASTRUCTURE IMPROVEMENTS**				Yes																					
Capital	ELECTRIC DISTRIBUTION	TL697 5 ESCONDIDO - SAN MARCOS	Non-RAMP	Non-RAMP	Non-RAMP	No	This is an emergent project that was completed in 2023. The project scope included a variety of different types of activities which make it infeasible to identify and track a single unit of measure. 2024 activities were related to repatriation and closeout punch list items for San Marcos to include wood pole removals after communications attachments were transferred.																				
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal TL697 5 ESCONDIDO - SAN MARCOS**				Yes																					
Capital	ELECTRIC DISTRIBUTION	TL698 MEADOWOOD RELOCATION	Non-RAMP	Non-RAMP	Non-RAMP	No																					
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal TL698 MEADOWOOD RELOCATION**				Yes																					

SDG&E ELECTRIC DISTRIBUTION Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Safety, Reliability, or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status	Status Variance Explanation Required?
Capital	ELECTRIC DISTRIBUTION	ELECTRIC DISTRIBUTION				Yes										
Capital	ELECTRIC DISTRIBUTION	3 ROOTS TL690, TL677, TL668 CUST RELO	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal 3 ROOTS TL690,TL677,TL668 CUST RELO**				**Yes**	**NO**									
Capital	ELECTRIC DISTRIBUTION	CITY OF SAN DIEGO SUR CHARGE PROG (20SD)	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal CITY OF SAN DIEGO SURCHARGE PROG (20SD)**				**Yes**	**NO**									
Capital	ELECTRIC DISTRIBUTION	CONVERSION FROM OH TO UG RULE 20A	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal CONVERSION FROM OH TO UG RULE 20A**				**Yes**	**NO**									
Capital	ELECTRIC DISTRIBUTION	CONVERSION FROM OH UG RULE 20B NEW BUSIN	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal CONVERSION FROM OH-UG RULE 20B NEW BUSIN**				**Yes**	**NO**									
Capital	ELECTRIC DISTRIBUTION	CONVERSION FROM OH UG RULE 20C	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal CONVERSION FROM OH-UG RULE 20C**				**Yes**	**NO**									
Capital	ELECTRIC DISTRIBUTION	CORONADO 69/12KV TRANSFORMER REPLACEMENT	Electric Infrastructure Integrity	Substation Reliability for Distribution Components - Coronado 69/12kV Transformer Replacements	Substation	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal CORONADO 69/12KV TRANSFORMER REPLACEMENT**				**Yes**	**YES**	**NO**								**NO**
Capital	ELECTRIC DISTRIBUTION	CUSTOMER REQUESTED UPGRADES AND SERVICES	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal CUSTOMER REQUESTED UPGRADES AND SERVICES**				**Yes**	**NO**									
Capital	ELECTRIC DISTRIBUTION	DISTRIBUTED GENERATION INTERCONNECT. PRO	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal DISTRIBUTED GENERATION INTERCONNECT. PRO**				**Yes**	**NO**									
Capital	ELECTRIC DISTRIBUTION	DISTRIBUTION SYSTEM CAPACITY IMPROVEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	YES
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal DISTRIBUTION SYSTEM CAPACITY IMPROVEMENT**				**Yes**	**YES**	**NO**								**YES**
Capital	ELECTRIC DISTRIBUTION	ELCT TRANS SMALL REALIBILITY JOBS- NON WMP	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal ELCT TRANS SMALL REALIBILITY JOBS- NON WMP**				**Yes**	**YES**	**NO**								**NO**
Capital	ELECTRIC DISTRIBUTION	ELECTRIC - CONVERSION FROM OH TO UG RULE 20B	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal ELECTRIC - CONVERSION FROM OH TO UG RULE 20B**				**Yes**	**NO**									
Capital	ELECTRIC DISTRIBUTION	ELEC TRIC DIST. STREET/HWY RELOCATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal ELECTRIC DIST. STREET/HWY RELOCATIONS**				**Yes**	**NO**									
Capital	ELECTRIC DISTRIBUTION	ELECTRIC DISTRIBUTION EASEMENTS	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal ELECTRIC DISTRIBUTION EASEMENTS**				**Yes**	**YES**	**NO**								**NO**
Capital	ELECTRIC DISTRIBUTION	ELECTRIC DISTRIBUTION TOOLS/EQUIPMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal ELECTRIC DISTRIBUTION TOOLS/EQUIPMENT**				**Yes**	**YES**	**NO**								**NO**
Capital	ELECTRIC DISTRIBUTION	ELECTRIC METERS & REGULATORS	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	YES	N/A	The actual unit variance compared to authorized is driven by higher-than-expected equipment failure and replacement rate of field electric smart meters. This program is responsive in nature and the demand for meters is ongoing as replacement meters are necessary to service electric distribution customers.	Over (O)	On Target (T)	On Target (T)	Expanded	NO
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal ELECTRIC METERS & REGULATORS**				**Yes**	**YES**	**NO**								**NO**
Capital	ELECTRIC DISTRIBUTION	ELECTRIC TRANSMISSION TOOLS & EQUIPMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal ELECTRIC TRANSMISSION TOOLS & EQUIPMENT**				**Yes**	**YES**	**NO**								**NO**
Capital	ELECTRIC DISTRIBUTION	FIBER OPTIC FOR RELAY PROTECT & TELECOM	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	YES	YES	Lower actual costs due to delayed design stage and shifting of construction to later years in the cycle and lower CPUC communications spend as a result of the FERC 898 Decision.	The 2024 scope was not completed due to delayed design stage and shifting of construction to later years in the cycle.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal FIBER OPTIC FOR RELAY PROTECT & TELECOM**				**Yes**	**YES**	**YES**								**NO**
Capital	ELECTRIC DISTRIBUTION	FIELD SHUNT CAPACITORS	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	YES	N/A	Capacitors are installed to efficiently supply the reactive power with the increasing load in the distribution system. In 2024, there was less need to install capacitors than forecasted in the 2024 GRC.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal FIELD SHUNT CAPACITORS**				**Yes**	**YES**	**NO**								**NO**
Capital	ELECTRIC DISTRIBUTION	FUTURE CAPACITY PROJECTS	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal FUTURE CAPACITY PROJECTS**				**Yes**	**NO**									
Capital	ELECTRIC DISTRIBUTION	GRANITE SUBSTATION 69KV LOOP-IN	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal GRANITE SUBSTATION 69KV LOOP-IN**				**Yes**	**YES**	**NO**								**NO**
Capital	ELECTRIC DISTRIBUTION	LA JOLLA 69/12KV TRANSFORMER REPLACEMENT	Electric Infrastructure Integrity	La Jolla 69/12kV Transformer Replacement	Substation	No	YES	NO	NO	N/A	N/A	Under (U)	Over (O)	Under (U)	Canceled	NO
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal LA JOLLA 69/12KV TRANSFORMER REPLACEMENT**				**Yes**	**YES**	**NO**								**NO**
Capital	ELECTRIC DISTRIBUTION	MISSION DCC REMODEL PROJECT	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	YES	NO	Project was taken through permitting, then placed on hold due to an increase in responsive and new business projects in 2024.	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	YES
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal MISSION DCC REMODEL PROJECT**				**Yes**	**YES**	**YES**								**YES**
Capital	ELECTRIC DISTRIBUTION	NEW BUSINESS INFRASTRUCTURE	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal NEW BUSINESS INFRASTRUCTURE**				**Yes**	**NO**									
Capital	ELECTRIC DISTRIBUTION	NEW SERVICE INSTALLATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal NEW SERVICE INSTALLATIONS**				**Yes**	**NO**									
Capital	ELECTRIC DISTRIBUTION	OH NON-RESIDENTIAL NB	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal OH NON-RESIDENTIAL NB**				**Yes**	**NO**									
Capital	ELECTRIC DISTRIBUTION	OH RESIDENTIAL NB	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal OH RESIDENTIAL NB**				**Yes**	**NO**									
Capital	ELECTRIC DISTRIBUTION	PLANNED INVESTMENTS	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal PLANNED INVESTMENTS**				**Yes**	**YES**	**NO**								**NO**
Capital	ELECTRIC DISTRIBUTION	RAMP - CORRECTIVE MAINTENANCE PROGRAM (CMP)	Electric Infrastructure Integrity	GO165 Corrective Maintenance Program Underground	UG Distribution	No	YES	YES	NO	Higher than historical average costs for 4.5% of jobs with larger scope or higher cost materials/ equipment contributed to cost variance.	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP - CORRECTIVE MAINTENANCE PROGRAM (CMP)**				**Yes**	**YES**	**YES**								**NO**
Capital	ELECTRIC DISTRIBUTION	RAMP - INSTALL SCADA ON LINE CAPACITORS	Electric Infrastructure Integrity	SCADA Capacitors	OH Distribution	No	YES	NO	YES	N/A	Lower actual unit count driven by an increase in responsive and New Business projects in 2024, which utilized resources from proactive reliability projects during the period.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	ELECTRIC DISTRIBUTION	RAMP - INSTALL SCADA ON LINE CAPACITORS	Electric Infrastructure Integrity	SCADA Capacitors	UG Distribution	No	YES	NO	YES	N/A	Lower actual unit count driven by an increase in responsive and New Business projects in 2024, which utilized resources from proactive reliability projects during the period.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP - INSTALL SCADA ON LINE CAPACITORS**				**Yes**	**YES**	**NO**								**NO**

SDG&E ELECTRIC DISTRIBUTION Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	ByRoup	Safety, Reliability, or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status	Status Variance Explanation Required ?
Capital	ELECTRIC DISTRIBUTION	RAMP - MANHOLE, HANDHOLE, AND VAULT RESTORATION	Electric Infrastructure Integrity	GO 165 Manhole, Vault Restoration Program	Manhole/Handhole	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP - MANHOLE, HANDHOLE, AND VAULT RESTORATION**				**Yes**	**YES**	**NO**								**NO**
Capital	ELECTRIC DISTRIBUTION	RAMP - POLE REPLACEMENT AND REINFORCEMENT	Electric Infrastructure Integrity	GO165 Pole Replacement Reinforcement	N/A	No	YES	NO	YES	N/A	Higher than anticipated pole replacements due to the responsive nature of this work paper and aging infrastructure.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP - POLE REPLACEMENT AND REINFORCEMENT**				**Yes**	**YES**	**NO**								**NO**
Capital	ELECTRIC DISTRIBUTION	RAMP - REPLACE OBSOLETE SUBSTATION EQUIPMENT	Electric Infrastructure Integrity	Distribution Substation Obsolete Equipment	Substation	No	YES	NO	YES	N/A	Preparation for and associated costs were incurred in prior calendar years in order to support the installations of 7 pieces of equipment in 2024 compared to the estimated 3 authorized.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP - REPLACE OBSOLETE SUBSTATION EQUIPMENT**				**Yes**	**YES**	**NO**								**NO**
Capital	ELECTRIC DISTRIBUTION	RAMP - STUART 12KV TRANSFORMER REPLACEMENT	Electric Infrastructure Integrity	Stuart 12kV Transformer Replacement	Substation	No	YES	NO	YES	N/A	Project was put on hold pending further internal analysis.	On Target (T)	Over (O)	On Target (T)	Other	YES
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP - STUART 12KV TRANSFORMER REPLACEMENT**				**Yes**	**YES**	**NO**								**YES**
Capital	ELECTRIC DISTRIBUTION	RAMP- 4KV MODERNIZATION	Electric Infrastructure Integrity	4kV Modernization Program Distribution	OH Distribution	No	YES	YES	YES	Lower actual costs driven by an increase in responsive and New Business projects in 2024, which utilized resources from proactive reliability projects during the period.	Lower actual unit count driven by an increase in responsive and New Business projects in 2024, which utilized resources from proactive reliability projects during the period.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	YES
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- 4KV MODERNIZATION**				**Yes**	**YES**	**YES**								**YES**
Capital	ELECTRIC DISTRIBUTION	RAMP- AVIAN PROTECTION	Electric Infrastructure Integrity	Avian Protection Program	OH Distribution	No	YES	NO	YES	N/A	Lower actual unit count was driven by higher Avian Protection Wildfire Mitigation Plan (WMP) workpaper 22247 using resources assumed Non-HFTD in 2024	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- AVIAN PROTECTION**				**Yes**	**YES**	**NO**								**NO**
Capital	ELECTRIC DISTRIBUTION	RAMP- BERNARDO 12 KV BREAKERS AND TRANSFORMER	Electric Infrastructure Integrity	Substation Reliability for Distribution Components Bernardo 12kV Breakers Replacements	Substation	No	YES	NO	YES	N/A	Project was put on hold due to re-prioritization of more critical replacements.	Under (U)	Under (U)	Under (U)	Deferred	NO
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- BERNARDO 12 KV BREAKERS AND TRANSFORMER**				**Yes**	**YES**	**NO**								**YES**
Capital	ELECTRIC DISTRIBUTION	RAMP- CAPITAL RESTORATION OF SERVICE	Electric Infrastructure Integrity	Restoration of Service	N/A	No	YES	NO	YES	N/A	2024 had a higher average number of outages compared to the three-year average authorized in the 2024 GRC, primarily driven by January and February storm events and September heat event.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- CAPITAL RESTORATION OF SERVICE**				**Yes**	**YES**	**NO**								**NO**
Capital	ELECTRIC DISTRIBUTION	RAMP- DISTRIBUTION CIRCUIT RELIABILITY CONSTRUCTION	Electric Infrastructure Integrity	Distribution Circuit Reliability	OH Distribution	No	YES	NO	YES	N/A	Lower actual unit count driven by an increase in responsive and New Business projects in 2024, which utilized resources from proactive reliability projects during the period.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	ELECTRIC DISTRIBUTION	RAMP- DISTRIBUTION CIRCUIT RELIABILITY CONSTRUCTION	Electric Infrastructure Integrity	Distribution Circuit Reliability	UG Distribution	No	YES	NO	YES	N/A	Lower actual unit count driven by an increase in responsive and New Business projects in 2024, which utilized resources from proactive reliability projects during the period.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- DISTRIBUTION CIRCUIT RELIABILITY CONSTRUCTION**				**Yes**	**YES**	**NO**								**NO**
Capital	ELECTRIC DISTRIBUTION	RAMP- DISTRIBUTION SUBSTATION RELIABILITY	Electric Infrastructure Integrity	Minor Distribution Substation Reliability Projects	N/A	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- DISTRIBUTION SUBSTATION RELIABILITY**				**Yes**	**YES**	**NO**								**NO**
Capital	ELECTRIC DISTRIBUTION	RAMP- DOE SWITCH REPLACEMENT	Electric Infrastructure Integrity	DOE Switch Replacement Underground	UG Distribution	No	YES	NO	YES	N/A	Lower actual unit count driven by an increase in responsive and New Business projects in 2024, which utilized resources from proactive reliability projects during the period.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- DOE SWITCH REPLACEMENT**				**Yes**	**YES**	**NO**								**NO**
Capital	ELECTRIC DISTRIBUTION	RAMP- EL CAJON 12KV BREAKER REPLACEMENTS	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	YES	N/A	Units were originally anticipated to be installed in 2022 and 2023; however, were deferred to 2024 due to re-prioritization of funding allocation to responsive projects.	Over (O)	Over (O)	Over (O)	Completed	NO
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- EL CAJON 12KV BREAKER REPLACEMENTS**				**Yes**	**YES**	**NO**								**NO**
Capital	ELECTRIC DISTRIBUTION	RAMP- EMERGENCY TRANSFORMER & SWITCHGEAR	Electric Infrastructure Integrity	Emergency Transformer and Switchgear	N/A	No	YES	NO	YES	N/A	Increased unit pricing for equipment and milestone payments resulted in lower actual units purchased than authorized.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- EMERGENCY TRANSFORMER & SWITCHGEAR**				**Yes**	**YES**	**NO**								**NO**
Capital	ELECTRIC DISTRIBUTION	RAMP- HIGH RISK SWITCH REPLACEMENT PROJECT	Electric Infrastructure Integrity	Distribution Overhead Switch Replacement Program	OH Distribution	No	YES	NO	YES	N/A	Lower actual unit count driven by an increase in responsive and New Business projects in 2024, which utilized resources from proactive reliability projects during the period.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- HIGH RISK SWITCH REPLACEMENT PROJECT**				**Yes**	**YES**	**NO**								**NO**
Capital	ELECTRIC DISTRIBUTION	RAMP- ENERGIZED TEST YARD	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	Over (O)	Over (O)	Over (O)	Other	NO
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- ENERGIZED TEST YARD**				**Yes**	**YES**	**NO**								**NO**
Capital	ELECTRIC DISTRIBUTION	RAMP- MANAGEMENT OF OH DIST. SERVICE	Electric Infrastructure Integrity	Management of Overhead Distribution Service (Non-CMP)	N/A	No	YES	NO	YES	N/A	Transformer in-kind replacements were lower than authorized in 2024, however cost per job was increased due to the need for upgraded transformer sizes and additional overhead electrical equipment needed to complete jobs.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- MANAGEMENT OF OH DIST. SERVICE**				**Yes**	**YES**	**NO**								**NO**
Capital	ELECTRIC DISTRIBUTION	RAMP- MANAGEMENT OF UG DIST. SERVICE	Electric Infrastructure Integrity	Management of Underground Distribution Service	N/A	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- MANAGEMENT OF UG DIST. SERVICE**				**Yes**	**YES**	**NO**								**NO**
Capital	ELECTRIC DISTRIBUTION	RAMP- MIRAMAR 12KV REPLACEMENTS	Electric Infrastructure Integrity	Substation Reliability for Distribution Components Miramar 12kV Replacements	Substation	No	YES	NO	NO	N/A	N/A	On Target (T)	Over (O)	On Target (T)	Proceeding as Planned	NO
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- MIRAMAR 12KV REPLACEMENTS**				**Yes**	**YES**	**NO**								**NO**
Capital	ELECTRIC DISTRIBUTION	RAMP- MISSION 12KV REPLACEMENTS	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	YES	N/A	Units were originally anticipated to be installed in prior years, but were deferred to 2024 due to higher number of reactive jobs in 2023.	Over (O)	Over (O)	Over (O)	Other	NO
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- MISSION 12KV REPLACEMENTS**				**Yes**	**YES**	**NO**								**NO**
Capital	ELECTRIC DISTRIBUTION	RAMP- NORTH HARBOR	Electric Infrastructure Integrity	Underground Cable Replacement Program Proactive North Harbor Project	UG Distribution	No	YES	YES	YES	No actual cost driven by an increase in responsive and new business projects in 2024.	No actual units driven by an increase in responsive and new business projects in 2024.	On Target (T)	Over (O)	On Target (T)	Proceeding as Planned	YES

SDG&E ELECTRIC DISTRIBUTION Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Safety, Reliability, or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status	Status Variance Explanation Required ?
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- NORTH HARBOR**				**Yes**	**YES**	**YES**								**YES**
Capital	ELECTRIC DISTRIBUTION	RAMP- OH PUBLIC SAFETY (OPS)	Electric Infrastructure Integrity	Overhead Public Safety (OPS) Program	OH Distribution	No	YES	YES	YES	Lower actual costs driven by an increase in responsive and New Business projects in 2024, which utilized resources from proactive reliability projects during the period.	Lower actual unit count driven by an increase in responsive and New Business projects in 2024, which utilized resources from proactive reliability projects during the period.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	YES
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- OH PUBLIC SAFETY (OPS)**				**Yes**	**YES**	**YES**								**YES**
Capital	ELECTRIC DISTRIBUTION	RAMP- PLANNED CABLE REPLACEMENTS	Electric Infrastructure Integrity	Underground Cable Replacement Program Proactive	UG Distribution	No	YES	NO	YES	N/A	Lower actual unit count driven by an increase in responsive and New Business projects in 2024, which utilized resources from proactive reliability projects during the period.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- PLANNED CABLE REPLACEMENTS**				**Yes**	**YES**	**NO**								**NO**
Capital	ELECTRIC DISTRIBUTION	RAMP- POWER QUALITY PROGRAM	Electric Infrastructure Integrity	Power Quality Monitor Deployment and Replacement	N/A	No	YES	NO	YES	N/A	Project team was able to exceed forecast due to delayed jobs from 2023 into 2024.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- POWER QUALITY PROGRAM**				**Yes**	**YES**	**NO**								**NO**
Capital	ELECTRIC DISTRIBUTION	RAMP- PROACTIVE DEAD FRONT TERMINATOR DEPLOY	Electric Infrastructure Integrity	Replacement of Live Front Equipment - Proactive	UG Distribution	No	YES	NO	YES	N/A	Lower actual unit count driven by an increase in responsive and New Business projects in 2024, which utilized resources from proactive reliability projects during the period.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- PROACTIVE DEAD FRONT TERMINATOR DEPLOY**				**Yes**	**YES**	**NO**								**NO**
Capital	ELECTRIC DISTRIBUTION	RAMP- REPLACEMENT OF LIVE FRONT EQUIPMENT	Electric Infrastructure Integrity	Replacement of Live Front Equipment - Reactive	N/A	No	YES	NO	YES	N/A	Lower actual unit count driven by an increase in responsive and New Business projects in 2024, which utilized resources from proactive reliability projects during the period.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	YES
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- REPLACEMENT OF LIVE FRONT EQUIPMENT**				**Yes**	**YES**	**NO**								**YES**
Capital	ELECTRIC DISTRIBUTION	RAMP- REPLACEMENT OF UNDERGROUND CABLES	Electric Infrastructure Integrity	Underground Cable Replacement Program Reactive	N/A	No	YES	NO	YES	N/A	2024 had a higher average number of outages compared to recent prior years primarily driven by a September heat event.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- REPLACEMENT OF UNDERGROUND CABLES**				**Yes**	**YES**	**NO**								**NO**
Capital	ELECTRIC DISTRIBUTION	RAMP- RTU MODERNIZATION	Electric Infrastructure Integrity	Field SCADA RTU Replacement	UG Distribution	No	YES	NO	YES	N/A	Lower actual unit count driven by an increase in responsive and New Business projects in 2024, which utilized resources from proactive reliability projects during the period.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- RTU MODERNIZATION**				**Yes**	**YES**	**NO**								**NO**
Capital	ELECTRIC DISTRIBUTION	RAMP- SAN MARCOS SUB REBUILD 69KV & 12KV	Electric Infrastructure Integrity	San Marcos Substation 69kV Rebuild & 12kV Switchgear	Substation	No	YES	NO	YES	N/A	Project is canceled due to internal evaluation showing equipment does not need to be replaced at this time.	Under (U)	Under (U)	Under (U)	Canceled	NO
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- SAN MARCOS SUB REBUILD 69KV & 12 KV**				**Yes**	**YES**	**NO**								**NO**
Capital	ELECTRIC DISTRIBUTION	RAMP- SUBSTATION SCADA EXPANSION-DISTRIBUTION	Electric Infrastructure Integrity	Distribution Substation SCADA Expansion	N/A	No	YES	NO	YES	N/A	Lower actual unit count driven by an increase in responsive and New Business projects in 2024, which utilized resources from proactive reliability projects during the period.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- SUBSTATION SCADA EXPANSION-DISTRIBUTION**				**Yes**	**YES**	**NO**								**NO**
Capital	ELECTRIC DISTRIBUTION	RAMP- SUBSTATION MOD TO SUPPORT FLISR	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	Over (O)	Over (O)	Over (O)	Other	NO
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- SUBSTATION MOD TO SUPPORT FLISR**				**Yes**	**YES**	**NO**								**NO**
Capital	ELECTRIC DISTRIBUTION	RAMP- TEE MODERNIZATION PROGRAM	Electric Infrastructure Integrity	Tee Modernization Program	UG Distribution	No	YES	NO	YES	N/A	The variance is due to additional tees replaced as a result of lower negotiated unit pricing.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- TEE MODERNIZATION PROGRAM**				**Yes**	**YES**	**NO**								**NO**
Capital	ELECTRIC DISTRIBUTION	RAMP- TORREY PINES 12KV BREAKER REPLACEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	Over (O)	Over (O)	Over (O)	Other	NO
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- TORREY PINES 12KV BREAKER REPLACEMENT**				**Yes**	**YES**	**NO**								**NO**
Capital	ELECTRIC DISTRIBUTION	RAMP- URBAN SUBSTATION REBUILD	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	Over (O)	Over (O)	Over (O)	Other	NO
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- URBAN SUBSTATION REBUILD**				**Yes**	**YES**	**NO**								**NO**
Capital	ELECTRIC DISTRIBUTION	RAMP-NON-HFTD WIRELESS FAULT INDICATORS	Electric Infrastructure Integrity	Non-HFTD Wireless Fault Indicator	OH Distribution	No	YES	NO	YES	N/A	Project deferred as a result of an increase in high priority work including responsive and new business projects.	Under (U)	Under (U)	Under (U)	Deferred	NO
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP-NON-HFTD WIRELESS FAULT INDICATORS**				**Yes**	**YES**	**NO**								**YES**
Capital	ELECTRIC DISTRIBUTION	RAMP-STRATEGIC POLE REPLACEMENT PROGRAM (NON-HFTD)	Electric Infrastructure Integrity	Strategic Pole Replacement Program (Non-HFTD)	OH Distribution	No	YES	YES	YES	Lower actual cost was driven by shift from this non-high fire threat district (non-HFTD) workpaper to Strategic Pole Replacement (SPRP) - (WMP) workpaper 222.42.0 in the HFTD.	Lower actual unit count was driven by shift from this non-high fire threat district (non-HFTD) workpaper to Strategic Pole Replacement (SPRP) - (WMP) workpaper 222.42.0 in the HFTD.	Under (U)	Under (U)	Under (U)	Deferred	NO
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP-STRATEGIC POLE REPLACEMENT PROGRAM (NON-HFTD)**				**Yes**	**YES**	**YES**								**YES**
Capital	ELECTRIC DISTRIBUTION	REACTIVE SMALL CAPITAL PROJECTS	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal REACTIVE SMALL CAPITAL PROJECTS**				**Yes**	**YES**	**NO**								**NO**
Capital	ELECTRIC DISTRIBUTION	SF6 SWITCH REPLACEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	YES	YES	Lower actual costs driven by an increase in responsive and New Business projects in 2024, which utilized resources from proactive reliability projects during the period.	Lower actual unit count driven by an increase in responsive and New Business projects in 2024, which utilized resources from proactive reliability projects during the period.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	YES
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal SF6 SWITCH REPLACEMENT**				**Yes**	**YES**	**YES**								**YES**
Capital	ELECTRIC DISTRIBUTION	SOUTH ORANGE COUNTY RELIABILITY ENHANCEMENT (SOCRE)	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal SOUTH ORANGE COUNTY RELIABILITY ENHANCEMENT (SOCRE)**				**Yes**	**YES**	**NO**								**NO**
Capital	ELECTRIC DISTRIBUTION	STREAMVIEW 69/12KV SUB REBUILD-PRE ENG	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	Over (O)	Over (O)	Other	NO
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal STREAMVIEW 69/12KV SUB REBUILD-PRE ENG**				**Yes**	**YES**	**NO**								**NO**
Capital	ELECTRIC DISTRIBUTION	STREET LIGHT MODERNIZATION	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	YES	N/A	Lower actual unit count driven by an increase in responsive and New Business projects in 2024, which utilized resources from proactive reliability projects during the period.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal STREET LIGHT MODERNIZATION**				**Yes**	**YES**	**NO**								**NO**
Capital	ELECTRIC DISTRIBUTION	SUBSTATION 12KV CAPACITOR UPGRADES	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	YES	N/A	Lower actual unit count driven by an increase in responsive and New Business projects in 2024, which utilized resources from proactive reliability projects during the period.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal SUBSTATION 12KV CAPACITOR UPGRADES**				**Yes**	**YES**	**NO**								**NO**
Capital	ELECTRIC DISTRIBUTION	TRANSFORMER & METER INSTALLATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal TRANSFORMER & METER INSTALLATIONS**				**Yes**	**NO**									

SDG&E ELECTRIC DISTRIBUTION Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	ByRoup	Safety, Reliability, or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status	Status Variance Explanation Required ?
Capital	ELECTRIC DISTRIBUTION	TRANSFORMERS	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	YES	NO	The funding for this ongoing program supports purchasing new distribution transformers that will provide service to SDG&E's electric distribution customers. These purchases are required to maintain inventory levels at SDG&E's electric distribution service centers. The cost variance is due to a significant increase in the average cost per unit caused by both price increases and a change in the mix of transformer demand to larger electrical rated units to meet current and future demand for customer electrification. Long lead-times caused by data center demand, shortages in domestic supply leading to purchasing from foreign suppliers, and high raw material prices are driving up unit-costs.	N/A	Over (O)	On Target (T)	Over (O)	Expanded	NO
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal TRANSFORMERS**				**Yes**	**YES**	**YES**								**NO**
Capital	ELECTRIC DISTRIBUTION	TRANSMISSION CORRECTIVE MAINTENANCE PROGRAM	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	YES	N/A	The number of poles replaced increased due to the responsive nature of findings determined in routine annual inspection.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal TRANSMISSION CORRECTIVE MAINTENANCE PROGRAM**				**Yes**	**YES**	**NO**								**NO**
Capital	ELECTRIC DISTRIBUTION	UG NON-RESIDENTIAL NB	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal UG NON-RESIDENTIAL NB**				**Yes**	**NO**	**NO**	**NO**							**NO**
Capital	ELECTRIC DISTRIBUTION	UG RESIDENTIAL NB	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal UG RESIDENTIAL NB**				**Yes**	**NO**	**NO**	**NO**							**NO**

SDG&E ELECTRIC DISTRIBUTION Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	ByRisk	Safety, Reliability, or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status	Status Variance Explanation Required ?
Capital	ELECTRIC DISTRIBUTION	ARTESIAN 230KV EXPANSION	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	Over (O)	Over (O)	Over (O)	Other	NO
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal ARTESIAN 230KV EXPANSION**				**Yes**	**YES**	**NO**								**NO**
Capital	ELECTRIC DISTRIBUTION	BORREGO SPRINGS MICROGRID GENERATOR REPL	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	Over (O)	Over (O)	Over (O)	Emergent	NO
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal BORREGO SPRINGS MICROGRID GENERATOR REPL**				**Yes**	**YES**	**NO**								**NO**
Capital	ELECTRIC DISTRIBUTION	C1 162, BD: NEW C1 162	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	Over (O)	Over (O)	Over (O)	Other	NO
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal C1 162, BD: NEW C1 162**				**Yes**	**YES**	**NO**								**NO**
Capital	ELECTRIC DISTRIBUTION	C369, S: NEW 12KV TWIN CIRCUIT	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	Over (O)	Over (O)	Over (O)	Other	NO
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal C369, S: NEW 12KV TWIN CIRCUIT**				**Yes**	**YES**	**NO**								**NO**
Capital	ELECTRIC DISTRIBUTION	TRANSMISSION SUBSTATION RELIABILITY	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	Over (O)	Over (O)	Over (O)	Other	NO
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal TRANSMISSION SUBSTATION RELIABILITY**				**Yes**	**YES**	**NO**								**NO**
Capital	ELECTRIC DISTRIBUTION	C50, PTL: RECO AND CAPACITOR	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	Over (O)	Over (O)	Over (O)	Other	NO
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal C50, PTL: RECO AND CAPACITOR**				**Yes**	**YES**	**NO**								**NO**
Capital	ELECTRIC DISTRIBUTION	CBM - 4.2 FIRMWARE UPGRADE FOR TRANSFORM	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	Over (O)	Other	NO
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal CBM - 4.2 FIRMWARE UPGRADE FOR TRANSFORM**				**Yes**	**YES**	**NO**								**NO**
Capital	ELECTRIC DISTRIBUTION	COLLECTIBLE - CAMP PENDLETON - STUART MESA HOUSING	Non-RAMP	Non-RAMP	Non-RAMP	No	NO									
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal COLLECTIBLE - CAMP PENDLETON - STUART MESA HOUSING**				**Yes**	**NO**									
Capital	ELECTRIC DISTRIBUTION	TRANSMISSION SYSTEM AUTOMATION	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	Over (O)	Over (O)	Over (O)	Emergent	NO
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal TRANSMISSION SYSTEM AUTOMATION**				**Yes**	**YES**	**NO**								**NO**
Capital	ELECTRIC DISTRIBUTION	VALENCIA POINTE RELOCATION	Non-RAMP	Non-RAMP	Non-RAMP	No	NO									
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal VALENCIA POINTE RELOCATION**				**Yes**	**NO**									
Capital	ELECTRIC DISTRIBUTION	CRITICAL ASSET SECURITY	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	Over (O)	Over (O)	Over (O)	Emergent	NO
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal CRITICAL ASSET SECURITY**				**Yes**	**YES**	**NO**								**NO**
Capital	ELECTRIC DISTRIBUTION	DPM DIGITAL LAYER	Non-RAMP	Non-RAMP	Non-RAMP	No	NO									
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal DPM DIGITAL LAYER**				**Yes**	**NO**									
Capital	ELECTRIC DISTRIBUTION	ELEC TRANS LINE RELOCATION PROJECTS	Non-RAMP	Non-RAMP	Non-RAMP	No	NO									
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal ELEC TRANS LINE RELOCATION PROJECTS**				**Yes**	**NO**									
Capital	ELECTRIC DISTRIBUTION	ELECTRIFICATION SUBSTATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	Over (O)	Over (O)	Over (O)	Emergent	NO
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal ELECTRIFICATION SUBSTATIONS**				**Yes**	**YES**	**NO**								**NO**
Capital	ELECTRIC DISTRIBUTION	ENCINA DECOMMISSION-REMOVAL 138KV SUBSTA	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	Over (O)	Over (O)	Over (O)	Emergent	NO
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal ENCINA DECOMMISSION-REMOVAL 138KV SUBSTA**				**Yes**	**YES**	**NO**								**NO**
Capital	ELECTRIC DISTRIBUTION	GENERATION INTERCONNECTION PROJECTS	Non-RAMP	Non-RAMP	Non-RAMP	No	NO									
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal GENERATION INTERCONNECTION PROJECTS**				**Yes**	**NO**									
Capital	ELECTRIC DISTRIBUTION	GRANITE 12KV BREAKER AND SWITCHGEAR REPL	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	Over (O)	Over (O)	Over (O)	Emergent	NO
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal GRANITE 12KV BREAKER AND SWITCHGEAR REPL**				**Yes**	**YES**	**NO**								**NO**
Capital	ELECTRIC DISTRIBUTION	NORTH VALLEY 69-12KV SUBSTATION REBUILD	Electric Infrastructure Integrity	North Valley (Monte Hill) Substation Rebuild	Substation	No	YES	NO	NO	N/A	N/A	Over (O)	Over (O)	Over (O)	Emergent	NO
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal NORTH VALLEY 69/12KV SUBSTATION REBUILD**				**Yes**	**YES**	**NO**								**NO**
Capital	ELECTRIC DISTRIBUTION	WORKLOAD MANAGEMENT APPLICATION	Non-RAMP	Non-RAMP	Non-RAMP	No	NO									
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal WORKLOAD MANAGEMENT APPLICATION**				**Yes**	**NO**									
Capital	ELECTRIC DISTRIBUTION	KETTNER REBUILD	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	Over (O)	Over (O)	Over (O)	Other	NO
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal KETTNER REBUILD**				**Yes**	**YES**	**NO**								**NO**
Capital	ELECTRIC DISTRIBUTION	INCIDENT RESPONSE- NON-INCREMENTAL	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	Over (O)	Over (O)	Over (O)	Emergent	NO
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal INCIDENT RESPONSE- NON-INCREMENTAL**				**Yes**	**YES**	**NO**								**NO**
Capital	ELECTRIC DISTRIBUTION	MID-COAST TROLLEY EXTENSION	Non-RAMP	Non-RAMP	Non-RAMP	No	NO									
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal MID-COAST TROLLEY EXTENSION**				**Yes**	**NO**									
Capital	ELECTRIC DISTRIBUTION	MISSION 138KV & 69KV SUB REBUILD	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	Over (O)	Over (O)	Over (O)	Emergent	NO
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal MISSION 138KV & 69KV SUB REBUILD**				**Yes**	**YES**	**NO**								**NO**
Capital	ELECTRIC DISTRIBUTION	NARROWS REBUILD	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	Over (O)	Over (O)	Over (O)	Emergent	NO
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal NARROWS REBUILD**				**Yes**	**YES**	**NO**								**NO**
Capital	ELECTRIC DISTRIBUTION	NEW DOWNTOWN 69/12KV SUBSTATION	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	Over (O)	Over (O)	Over (O)	Emergent	NO
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal NEW DOWNTOWN 69/12KV SUBSTATION**				**Yes**	**YES**	**NO**								**NO**
Capital	ELECTRIC DISTRIBUTION	POLE LOADING REMEDIATION (NON-WMP)	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	YES	N/A	Emergent project created to address pole loading improvements. Pole loading documents, tracks, and timely closes non-compliant pole issues identified by the pole loading calculation program. If the pole loading calculation fails, it requires a pole replacement and therefore this project helps extend the lifespan of the overhead distribution system, minimizes customer safety risks and mitigates the need for extensive capital replacements.	Over (O)	Over (O)	Over (O)	Emergent	NO
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal POLE LOADING REMEDIATION (NON-WMP)**				**Yes**	**YES**	**NO**								**NO**
Capital	ELECTRIC DISTRIBUTION	PURE WATER ELECTRIC	Non-RAMP	Non-RAMP	Non-RAMP	No	NO									
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal PURE WATER ELECTRIC**				**Yes**	**NO**									
Capital	ELECTRIC DISTRIBUTION	REBUILDING OF SKILLS TRAINING YARD	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	Over (O)	Over (O)	Over (O)	Other	NO
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal REBUILDING OF SKILLS TRAINING YARD**				**Yes**	**YES**	**NO**								**NO**
Capital	ELECTRIC DISTRIBUTION	RFS JAPANESE MESA SUBSTATION	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	Over (O)	Over (O)	Over (O)	Emergent	NO
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RFS JAPANESE MESA SUBSTATION**				**Yes**	**YES**	**NO**								**NO**
Capital	ELECTRIC DISTRIBUTION	SCADA EXPANSION-TRANSMISSION	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	Over (O)	Over (O)	Over (O)	Emergent	NO
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal SCADA EXPANSION-TRANSMISSION**				**Yes**	**YES**	**NO**								**NO**
Capital	ELECTRIC DISTRIBUTION	SCADA HEAD-END REPLACEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	Over (O)	On Target (T)	Over (O)	Other	NO
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal SCADA HEAD-END REPLACEMENT**				**Yes**	**YES**	**NO**								**NO**
Capital	ELECTRIC DISTRIBUTION	SUB EXTERNALLY ROUTABLE CONNECTIV (SERC)	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	Over (O)	Over (O)	Over (O)	Emergent	NO
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal SUB EXTERNALLY ROUTABLE CONNECTIV (SERC)**				**Yes**	**YES**	**NO**								**NO**
Capital	ELECTRIC DISTRIBUTION	SUBSTATION DC RELIABILITY UPGRADE PROJ	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	Over (O)	Over (O)	Over (O)	Emergent	NO
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal SUBSTATION DC RELIABILITY UPGRADE PROJ**				**Yes**	**YES**	**NO**								**NO**
Capital	ELECTRIC DISTRIBUTION	SUBSTATION SECURITY PROJ UNDER $500K	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	Over (O)	Over (O)	Over (O)	Emergent	NO
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal SUBSTATION SECURITY PROJ UNDER $500K**				**Yes**	**YES**	**NO**								**NO**

SDG&E ELECTRIC DISTRIBUTION Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	ByRoup	Safety, Reliability, or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status	Status Variance Explanation Required ?
Capital	ELECTRIC DISTRIBUTION	SYNCHRONIZED PHASOR MEASUREMENT SYSTEM	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	Over (O)	Over (O)	Over (O)	Emergent	NO
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal 15 SYNCHRONIZED PHASOR MEASUREMENT SYSTEM**				**Yes**	**YES**	**NO**								**NO**
Capital	ELECTRIC DISTRIBUTION	TL23001 TL23004 INSULATOR AND HARDWARE R	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	Over (O)	Over (O)	Over (O)	Emergent	NO
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal TL23001 TL23004 INSULATOR AND HARDWARE R**				**Yes**	**YES**	**NO**								**NO**
Capital	ELECTRIC DISTRIBUTION	TL610 - RELIABILITY POLE REPLACEMENTS	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	Over (O)	Over (O)	Over (O)	Other	NO
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal TL 610 - RELIABILITY POLE REPLACEMENTS**				**Yes**	**YES**	**NO**								**NO**
Capital	ELECTRIC DISTRIBUTION	TL603 B SWEETWATER TAP REMOVAL	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	Over (O)	Over (O)	Over (O)	Emergent	NO
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal TL603 B SWEETWATER TAP REMOVAL**				**Yes**	**YES**	**NO**								**NO**
Capital	ELECTRIC DISTRIBUTION	TL605 RECONDUCTOR: SILVERGATE - URBAN	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	Over (O)	Over (O)	Over (O)	Emergent	NO
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal TL 605 RECONDUCTOR: SILVERGATE - URBAN**				**Yes**	**YES**	**NO**								**NO**
Capital	ELECTRIC DISTRIBUTION	TL634 JUNIPER STREET CUSTOMER RELOCATION	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	N/A	N/A							N/A
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal TL634 JUNIPER STREET CUSTOMER RELOCATION**				**Yes**	**NO**	N/A	N/A							N/A
Capital	ELECTRIC DISTRIBUTION	TRANSMISSION EMS/SCADA RELIANCE UPGRADE	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	Over (O)	Over (O)	Over (O)	Emergent	NO
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal TRANSMISSION EMS/SCADA RELIANCE UPGRADE**				**Yes**	**YES**	**NO**								**NO**
Capital	ELECTRIC DISTRIBUTION	TL667 SAN DIEGUITO RELOCATION	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	N/A	N/A							N/A
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal TL667 SAN DIEGUITO RELOCATION**				**Yes**	**NO**	N/A	N/A							N/A
Capital	ELECTRIC DISTRIBUTION	TL673 RN-LJ DB CABLE REPLACE	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	Over (O)	Over (O)	Over (O)	Emergent	NO
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal TL673 RN-LJ DB CABLE REPLACE**				**Yes**	**YES**	**NO**								**NO**
Capital	ELECTRIC DISTRIBUTION	TL674 A DEL MAR RECONFIGURE/TL666 D RFS	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	Over (O)	Over (O)	Over (O)	Other	NO
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal TL674 A DEL MAR RECONFIGURE/TL666D RFS**				**Yes**	**YES**	**NO**								**NO**
Capital	ELECTRIC DISTRIBUTION	TRANSMISSION INFRASTRUCTURE IMPROVEMENTS	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	Over (O)	Over (O)	Over (O)	Emergent	NO
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal TRANSMISSION INFRASTRUCTURE IMPROVEMENTS**				**Yes**	**YES**	**NO**								**NO**
Capital	ELECTRIC DISTRIBUTION	TL697 5 ESCONDIDO - SAN MARCOS	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	Over (O)	Over (O)	Over (O)	Other	NO
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal TL697 5 ESCONDIDO - SAN MARCOS**				**Yes**	**YES**	**NO**								**NO**
Capital	ELECTRIC DISTRIBUTION	TL698 MEADOWOOD RELOCATION	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	N/A	N/A							N/A
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal TL698 MEADOWOOD RELOCATION**				**Yes**	**NO**	N/A	N/A							N/A

SDG&E ELECTRIC DISTRIBUTION Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Status Variance Explanation	WP Activity Description	2024 GRC Testimony Location
Capital	ELECTRIC DISTRIBUTION	OTHER PROJECTS				Yes			
Capital	ELECTRIC DISTRIBUTION	3 ROOTS TL69H, TL677, TL668 CUST RELO	Non-RAMP	Non-RAMP		No			
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal 3 ROOTS TL69H,TL677,TL668 CUST RELO**				**Yes**			
Capital	ELECTRIC DISTRIBUTION	CITY OF SAN DIEGO SUR CHARGE PROG (28SD)	Non-RAMP	Non-RAMP	Non-RAMP	No			
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal CITY OF SAN DIEGO SURCHARGE PROG (28SD)**				**Yes**			
Capital	ELECTRIC DISTRIBUTION	CONVERSION FROM OH TO UG RULE 20A	Non-RAMP	Non-RAMP	Non-RAMP	No			
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal CONVERSION FROM OH TO UG RULE 20A**				**Yes**			
Capital	ELECTRIC DISTRIBUTION	CONVERSION FROM OH UG RULE 20B NEW BUSIN	Non-RAMP	Non-RAMP	Non-RAMP	No			
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal CONVERSION FROM OH-UG RULE 20B NEW BUSIN**				**Yes**			
Capital	ELECTRIC DISTRIBUTION	CONVERSION FROM OH-UG RULE 20C	Non-RAMP	Non-RAMP	Non-RAMP	No			
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal CONVERSION FROM OH-UG RULE 20C**				**Yes**			
Capital	ELECTRIC DISTRIBUTION	CORONADO 69/12KV TRANSFORMER REPLACEMENT	Electric Infrastructure Integrity	Substation Reliability for Distribution Components - Coronado 69/12kV Transformer Replacements	Substation	No	N/A		
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal CORONADO 69/12KV TRANSFORMER REPLACEMENT**				**Yes**			
Capital	ELECTRIC DISTRIBUTION	CUSTOMER REQUESTED UPGRADES AND SERVICES	Non-RAMP	Non-RAMP	Non-RAMP	No			
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal CUSTOMER REQUESTED UPGRADES AND SERVICES**				**Yes**			
Capital	ELECTRIC DISTRIBUTION	DISTRIBUTED GENERATION INTERCONNECT. PRO	Non-RAMP	Non-RAMP	Non-RAMP	No			
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal DISTRIBUTED GENERATION INTERCONNECT. PRO**				**Yes**			
Capital	ELECTRIC DISTRIBUTION	DISTRIBUTION SYSTEM CAPACITY IMPROVEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	Several planned project schedules were shifted from 2024 to 2025 due to permitting delays and new business dependencies, resulting in lower than forecasted 2024 construction activity and spend.		
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal DISTRIBUTION SYSTEM CAPACITY IMPROVEMENT**				**Yes**			
Capital	ELECTRIC DISTRIBUTION	ELCT TRANS SMALL REALIBILITY JOBS- NON WMP	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal ELCT TRANS SMALL REALIBILTY JOBS- NON WMP**				**Yes**			
Capital	ELECTRIC DISTRIBUTION	ELECTRIC - CONVERSION FROM OH TO UG RULE 20B	Non-RAMP	Non-RAMP	Non-RAMP	No			
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal ELECTRIC - CONVERSION FROM OH TO UG RULE 20B**				**Yes**			
Capital	ELECTRIC DISTRIBUTION	ELEC TRIC DIST. STREET/HWY RELOCATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No			
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal ELECTRIC DIST. STREET/HWY RELOCATIONS**				**Yes**			
Capital	ELECTRIC DISTRIBUTION	ELEC TRIC DISTRIBUTION EASEMENTS	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal ELECTRIC DISTRIBUTION EASEMENTS**				**Yes**			
Capital	ELECTRIC DISTRIBUTION	ELECTRIC DISTRIBUTION TOOLS/EQUIPMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal ELECTRIC DISTRIBUTION TOOLS/EQUIPMENT**				**Yes**			
Capital	ELECTRIC DISTRIBUTION	ELECTRIC METERS & REGULATORS	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A	This budget code is for an ongoing project to purchase new meters and regulators used to measure service to electric distribution customers. The funds are used to maintain inventory levels at each of the electric distribution service centers.	SDG&E-11-R OR-64 to OR-65 CWP 032020
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal ELECTRIC METERS & REGULATORS**				**Yes**			
Capital	ELECTRIC DISTRIBUTION	ELECTRIC TRANSMISSION TOOLS & EQUIPMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal ELECTRIC TRANSMISSION TOOLS & EQUIPMENT**				**Yes**			
Capital	ELECTRIC DISTRIBUTION	FIBER OPTIC FOR RELAY PROTECT & TELECOM	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A	Projects completed will provide a diverse company-owned and maintained communications network to support electric operations.	SDG&E-11-R OR-169 to OR-170 CWP 071440
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal FIBER OPTIC FOR RELAY PROTECT & TELECOM**				**Yes**			
Capital	ELECTRIC DISTRIBUTION	FIELD SHUNT CAPACITORS	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A	This program provides installation of overhead and underground shunt capacitors on 4kV and 12kV distribution circuits.	SDG&E-11-R OR-28 to OR-29 CWP 032050
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal FIELD SHUNT CAPACITORS**				**Yes**			
Capital	ELECTRIC DISTRIBUTION	FUTURE CAPACITY PROJECTS	Non-RAMP	Non-RAMP	Non-RAMP	No			
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal FUTURE CAPACITY PROJECTS**				**Yes**			
Capital	ELECTRIC DISTRIBUTION	GRANITE SUBSTATION 69KV LOOP-IN	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal GRANITE SUBSTATION 69KV LOOP-IN**				**Yes**			
Capital	ELECTRIC DISTRIBUTION	LA JOLLA 69/12KV TRANSFORMER REPLACEMENT	Electric Infrastructure Integrity	La Jolla 69/12kV Transformer Replacement	Substation	No	N/A		
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal LA JOLLA 69/12 KV TRANSFORMER REPLACEMENT**				**Yes**			
Capital	ELECTRIC DISTRIBUTION	MISSION DCC REMODEL PROJECT	Non-RAMP	Non-RAMP	Non-RAMP	No	Project on hold driven by an increase in responsive and new business projects in 2024.	The project involves the planning, design, permitting, and construction of a 12,000 s.f. 2-story addition to Mission Control Building A, as well as renovation of the existing DCC and related areas. The new addition will include a new DCC with new operator consoles, workstations, conference rooms, and offices, raised flooring, high ceilings, good fenestration allowing natural lighting, new building systems such as HVAC, energy management, furniture, audio- visual, video wall, and new finishes brought up to the current Company standards. City of San Diego Planning Department and Building Department approval is required. Certification through USGBC's LEED program (silver level) and Zero Net Energy are also objectives.	SDG&E-11-R OR-163 to OR-165 CWP 212070
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal MISSION DCC REMODEL PROJECT**				**Yes**			
Capital	ELECTRIC DISTRIBUTION	NEW BUSINESS INFRASTRUCTURE	Non-RAMP	Non-RAMP	Non-RAMP	No			
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal NEW BUSINESS INFRASTRUCTURE**				**Yes**			
Capital	ELECTRIC DISTRIBUTION	NEW SERVICE INSTALLATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No			
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal NEW SERVICE INSTALLATIONS**				**Yes**			
Capital	ELECTRIC DISTRIBUTION	OH NON-RESIDENTIAL NB	Non-RAMP	Non-RAMP	Non-RAMP	No			
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal OH NON-RESIDENTIAL NB**				**Yes**			
Capital	ELECTRIC DISTRIBUTION	OH RESIDENTIAL NB	Non-RAMP	Non-RAMP	Non-RAMP	No			
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal OH RESIDENTIAL NB**				**Yes**			
Capital	ELECTRIC DISTRIBUTION	PLANNED INVESTMENTS	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal PLANNED INVESTMENTS**				**Yes**			
Capital	ELECTRIC DISTRIBUTION	RAMP - CORRECTIVE MAINTENANCE PROGRAM (CMP)	Electric Infrastructure Integrity	GO165 Corrective Maintenance Program Underground	UG Distribution	No	N/A	Repair of overhead and underground electric distribution facilities to correct conditions found during inspection. This program is mandated under CPUC General Orders 165, 95, and 128 to ensure safe, high quality electrical service and compliance with SDG&E and CPUC construction standards. Inspections are performed on a cyclical basis and conditions found during inspections are repaired in a timely manner. This program has been ongoing since January 1998.	SDG&E-11-R OR-56 to OR-57 CWP 032930
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP - CORRECTIVE MAINTENANCE PROGRAM (CMP)**				**Yes**			
Capital	ELECTRIC DISTRIBUTION	RAMP - INSTALL SCADA ON LINE CAPACITORS	Electric Infrastructure Integrity	SCADA Capacitors	OH Distribution	No	N/A	This project will improve system efficiency and operability by converting existing distribution line capacitors to SCADA controlled line capacitors that will enable remote VAR control and download circuit loading information to a web portal. The data/information provided by the SCADA capacitors will help improve capacitor reliability, minimize duration o f outages, and enable expedited repair work.	SDG&E-11-R OR-106 to OR-108 CWP 112490
Capital	ELECTRIC DISTRIBUTION	RAMP - INSTALL SCADA ON LINE CAPACITORS	Electric Infrastructure Integrity	SCADA Capacitors	UG Distribution	No	N/A	This project will improve system efficiency and operability by converting existing distribution line capacitors to SCADA controlled line capacitors that will enable remote VAR control and download circuit loading information to a web portal. The data/information provided by the SCADA capacitors will help improve capacitor reliability, minimize duration o f outages, and enable expedited repair work.	SDG&E-11-R OR-106 to OR-108 CWP 112490
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP - INSTALL SCADA ON LINE CAPACITORS**				**Yes**			

SDG&E ELECTRIC DISTRIBUTION Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	ReRun	Status Variance Explanation	WP Activity Description	2024 GRC Testimony Location
Capital	ELECTRIC DISTRIBUTION	RAMP - MANHOLE, HANDHOLE, AND VAULT RESTORATION	Electric Infrastructure Integrity	GO 165 Manhole, Vault Restoration Program	Manhole/Handhole	No	N/A		
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP - MANHOLE, HANDHOLE, AND VAULT RESTORATION**				**Yes**			
Capital	ELECTRIC DISTRIBUTION	RAMP - POLE REPLACEMENT AND REINFORCEMENT	Electric Infrastructure Integrity	GO165 Pole Replacement Reinforcement	N/A	No	N/A	This program provides funding to continue the pole restoration, replacement and removal program for electric distribution poles identified through the CMP program.	SDG&E-11-R OR-62 to OR-63 CWP 872320
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP - POLE REPLACEMENT AND REINFORCEMENT**				**Yes**			
Capital	ELECTRIC DISTRIBUTION	RAMP - REPLACE OBSOLETE SUBSTATION EQUIPMENT	Electric Infrastructure Integrity	Distribution Substation Obsolete Equipment	Substation	No	N/A	This project will improve safety and reliability related to the replacement of obsolete and problematic substation equipment. This project will focus primarily on distribution substation bank transformers and circuit breaker replacements. The Substation Equipment Assessment Team will develop alternatives to replace or remove obsolete and problematic equipment. A condition assessment process and evaluation criteria have been created using probability and risk analysis, financial impacts and present value analysis to justify projects. Equipment that is truly obsolete such as equipment that cannot be maintained (no spare parts available), or that which poses a safety risk will be replaced.	SDG&E-11-R OR-147 to OR-148 CWP 932020
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP - REPLACE OBSOLETE SUBSTATION EQUIPMENT**				**Yes**			
Capital	ELECTRIC DISTRIBUTION	RAMP - STUART 12KV TRANSFORMER REPLACEMENT	Electric Infrastructure Integrity	Stuart 12kV Transformer Replacement	Substation	No	Project was placed on hold pending further analysis but is expected to resume later in the 2024 GRC cycle.	This project addresses safety, reliability and environmental concerns associated with aging infrastructure, equipment with operational limits and/or does not meet current standards, and unsafe site conditions.	SDG&E-11-R OR-135 to OR-136 CWP 210701A
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP - STUART 12KV TRANSFORMER REPLACEMENT**				**Yes**			
Capital	ELECTRIC DISTRIBUTION	RAMP- 4KV MODERNIZATION	Electric Infrastructure Integrity	4kV Modernization Program Distribution	OH Distribution	No	Lower actual costs and units driven by an increase in responsive and New Business projects in 2024, which utilized resources from proactive reliability projects during the period.	The purpose of this project is to increase reliability by targeting the replacement of poles, wires, equipment, hardware, degraded UG structures, transformers, switches, and other distribution equipment as necessary to accommodate conversion of 4 kV facilities to modern 12 kV distribution. At the culmination of the distribution cutover, the associated 4kV substation infrastructure will be removed as applicable.	SDG&E-11-R OR-121 to OR-123 CWP 172901
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- 4KV MODERNIZATION**				**Yes**			
Capital	ELECTRIC DISTRIBUTION	RAMP- AVIAN PROTECTION	Electric Infrastructure Integrity	Avian Protection Program	OH Distribution	No	N/A	Systematically inspect all distribution lines and poles in the overhead distribution system that either 1) lie within the Avian Protection Zone, or 2) have associated known bird contacts, in which case potential avian risk are identified and resolved.	SDG&E-11-R OR-58 to OR-60 CWP 102650
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- AVIAN PROTECTION**				**Yes**			
Capital	ELECTRIC DISTRIBUTION	RAMP- BERNARDO 12 KV BREAKERS AND TRANSFORMER	Electric Infrastructure Integrity	Substation Reliability for Distribution Components Bernardo 12kV Breakers Replacements	Substation	No	N/A	This program will proactively address safety and reliability issues associated with equipment that has reached its useful life. The equipment to be replaced is that which is determined to have reached the end of its useful life and poses both a safety and reliability threat if not replaced.	SDG&E-11-R OR-130 to OR-132 CWP 212003A
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- BERNARDO 12 KV BREAKERS AND TRANSFORMER**				**Yes**			
Capital	ELECTRIC DISTRIBUTION	RAMP- CAPITAL RESTORATION OF SERVICE	Electric Infrastructure Integrity	Restoration of Service	N/A	No	N/A	The purpose of this program is to fund reactionary repairs to SDG&E distribution facilities as necessary to restore electric service to customers in a timely manner and in compliance with the CPUC General Orders.	SDG&E-11-R OR-100 to OR-102 CWP 002860
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- CAPITAL RESTORATION OF SERVICE**				**Yes**			
Capital	ELECTRIC DISTRIBUTION	RAMP- DISTRIBUTION CIRCUIT RELIABILITY CONSTRUCTION	Electric Infrastructure Integrity	Distribution Circuit Reliability	OH Distribution	No	N/A	The electric service diability will deteriorate in the absence of comprehensive remedial solutions offered by these projects, also, electric reliability performance is negatively impacted by system deficiencies and an aging infrastructure. The 932.40 budget funds projects that mitigate existing electric system deficiencies, projects for system performance improvements as follows General Reliability, Scada Initiatives and fire Community Fire Safety Program.	SDG&E-11-R OR-143 to OR-144 CWP 932400
Capital	ELECTRIC DISTRIBUTION	RAMP- DISTRIBUTION CIRCUIT RELIABILITY CONSTRUCTION	Electric Infrastructure Integrity	Distribution Circuit Reliability	UG Distribution	No	N/A	The electric service diability will deteriorate in the absence of comprehensive remedial solutions offered by these projects, also, electric reliability performance is negatively impacted by system deficiencies and an aging infrastructure. The 932.40 budget funds projects that mitigate existing electric system deficiencies, projects for system performance improvements as follows General Reliability, Scada Initiatives and fire Community Fire Safety Program.	SDG&E-11-R OR-143 to OR-144 CWP 932400
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- DISTRIBUTION CIRCUIT RELIABILITY CONSTRUCTION**				**Yes**			
Capital	ELECTRIC DISTRIBUTION	RAMP- DISTRIBUTION SUBSTATION RELIABILITY	Electric Infrastructure Integrity	Minor Distribution Substation Reliability Projects	N/A	No	N/A		
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- DISTRIBUTION SUBSTATION RELIABILITY**				**Yes**			
Capital	ELECTRIC DISTRIBUTION	RAMP- DOE SWITCH REPLACEMENT	Electric Infrastructure Integrity	DOE Switch Replacement Underground	UG Distribution	No	N/A	This project removes or replaces defective overhead switches and underground oil, gas and air-insulated manual and SCADA switches that SDG&E has classified as Do not Operate Energized (DOE). Good engineering practices and CPUC general orders dictate that removal, replacement, or repairs of these switches be completed to ensure employee, contractor and public safety.	SDG&E-11-R OR-103 to OR-105 CWP 002900
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- DOE SWITCH REPLACEMENT**				**Yes**			
Capital	ELECTRIC DISTRIBUTION	RAMP- EL CAJON 12KV BREAKER REPLACEMENTS	Non-RAMP	Non-RAMP	Non-RAMP	No	Project was anticipated to be completed during the 2019 GRC cycle but was completed in 2024.	This program removes and replaces existing circuit breakers at El Cajon Substation with new 12kV breakers to address aging infrastructure, operation limitations, environmental concerns, and to bring the substation up to current reliability standards. The breakers are approaching their end of life expectancy. This replacement will add 12kV system reliability as well as environmental benefits by replacing the oil-filled breakers with a vacuum switch model.	SDG&E-11-R OR-127 to OR-129 CWP 202450
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- EL CAJON 12KV BREAKER REPLACEMENTS**				**Yes**			
Capital	ELECTRIC DISTRIBUTION	RAMP- EMERGENCY TRANSFORMER & SWITCHGEAR	Electric Infrastructure Integrity	Emergency Transformer and Switchgear	N/A	No	N/A	Purchase and install a 69/12 kV transformer on a concrete pad at Otay Mesa Substation, purchase and install a 69/12 kV transformer on a concrete pad at Vine Substation, refurbish and replace equipment on an existing trailer mounted 12/4kV transformer, purchase three mobile 12kV circuit breakers, and purchase spare bushings, insulators, disconnects, capacitor cans, arresters, and circuit breakers for the 12kV system.	SDG&E-11-R OR-105 to OR-106 CWP 002940
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- EMERGENCY TRANSFORMER & SWITCHGEAR**				**Yes**			
Capital	ELECTRIC DISTRIBUTION	RAMP- HIGH RISK SWITCH REPLACEMENT PROJECT	Electric Infrastructure Integrity	Distribution Overhead Switch Replacement Program	OH Distribution	No	N/A	Replace high risk OH switches, in-line switches, and cutouts from environmental contamination and corrosion with new and improved designs and/or dynamic protective devices.	SDG&E-11-R OR-118 to OR-120 CWP 172610
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- HIGH RISK SWITCH REPLACEMENT PROJECT**				**Yes**			
Capital	ELECTRIC DISTRIBUTION	RAMP- ENERGIZED TEST YARD	Non-RAMP	Non-RAMP	Non-RAMP	No	Project was anticipated to be completed during the 2019 GRC cycle but had minor trailing costs in 2024.		
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- ENERGIZED TEST YARD**				**Yes**			
Capital	ELECTRIC DISTRIBUTION	RAMP- MANAGEMENT OF OH DIST. SERVICE	Electric Infrastructure Integrity	Management of Overhead Distribution Service (Non-CMP)	N/A	No	N/A	This project is required to reinforce the electric overhead distribution system infrastructure by responsive action to system damages, deterioration and unsafe conditions outside normal restoration for service. The overall objective is to maintain continuity of safe and reliable customer service.	SDG&E-11-R OR-95 to OR-97 CWP 002260
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- MANAGEMENT OF OH DIST. SERVICE**				**Yes**			
Capital	ELECTRIC DISTRIBUTION	RAMP- MANAGEMENT OF UG DIST. SERVICE	Electric Infrastructure Integrity	Management of Underground Distribution Service	N/A	No	N/A		
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- MANAGEMENT OF UG DIST. SERVICE**				**Yes**			
Capital	ELECTRIC DISTRIBUTION	RAMP- MIRAMAR 12KV REPLACEMENTS	Electric Infrastructure Integrity	Substation Reliability for Distribution Components Miramar 12kV Replacements	Substation	No	N/A		
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- MIRAMAR 12KV REPLACEMENTS**				**Yes**			
Capital	ELECTRIC DISTRIBUTION	RAMP- MISSION 12KV REPLACEMENTS	Non-RAMP	Non-RAMP	Non-RAMP	No	This project was forecasted to be completed prior to 2024 and was delayed. Project will now be completed during the 2024 GRC cycle.	This project removes and replaces circuit breaker(s) and relay(s) due to aging infrastructure, operational limitations, environmental concerns, and to meet current reliability standards.	SDG&E-11-R OR-134 to OR-135 CWP 202680
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- MISSION 12KV REPLACEMENTS**				**Yes**			
Capital	ELECTRIC DISTRIBUTION	RAMP- NORTH HARBOR	Electric Infrastructure Integrity	Underground Cable Replacement Program Proactive North Harbor Project	UG Distribution	No	Project is delayed due to an increase in responsive and new business projects in 2024.	This project addresses identified safety and service reliability issues associated with the electrical distribution circuit providing service to the San Diego International Airport. The removal, replacement, and expansion of components of this underground cable addresses safety concerns regarding potential asbestos exposure in the area and the potential for long duration outage events and associated regulatory scrutiny and penalties associated with a cable failure.	SDG&E-11-R OR-120 to OR-121 CWP 172604A

SDG&E ELECTRIC DISTRIBUTION Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	RoRop	Status Variance Explanation	WP Activity Description	2024 GRC Testimony Location
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- NORTH HARBOR**				**Yes**			
Capital	ELECTRIC DISTRIBUTION	RAMP- OH PUBLIC SAFETY (OPS)	Electric Infrastructure Integrity	Overhead Public Safety (OPS) Program	OH Distribution	No	Lower actual costs and units driven by an increase in responsive and New Business projects in 2024, which utilized resources from proactive reliability projects during the period.	This program involves proactively replacing high-risk overhead (OH) conductors prone to wire down events measured as tracked by failure rates, historic wire down events, Corrective maintenance program records and lack of protection (fuse or advanced) that are in proximity to the public (schools, freeways, high profile areas) that could put the public at risk of energized contact.	SDG&E-11-R OR-160 to OR-161 CWP 202410
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- OH PUBLIC SAFETY (OPS)**				**Yes**			
Capital	ELECTRIC DISTRIBUTION	RAMP- PLANNED CABLE REPLACEMENTS	Electric Infrastructure Integrity	Underground Cable Replacement Program Proactive	UG Distribution	No	N/A	This program facilitates the replacement of underground cable that was identified to have a high probability of failure based on electric reliability circuit analysis and cable failure data.	SDG&E-11-R OR-102 to OR-103 CWP 002810
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- PLANNED CABLE REPLACEMENTS**				**Yes**			
Capital	ELECTRIC DISTRIBUTION	RAMP- POWER QUALITY PROGRAM	Electric Infrastructure Integrity	Power Quality Monitor Deployment and Replacement	N/A	No	N/A	This program provides funding for the expansion of the substation power quality monitoring system (PQ Nodes) and associated communication system. This system improvement will allow an increase of data to be collected, which will result in a more effective grid reliability assessment.	SDG&E-11-R OR-145 to OR-146 CWP 9.4241.0
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- POWER QUALITY PROGRAM**				**Yes**			
Capital	ELECTRIC DISTRIBUTION	RAMP- PROACTIVE DEAD FRONT TERMINATOR DEPLOY	Electric Infrastructure Integrity	Replacement of Live Front Equipment - Proactive	UG Distribution	No	N/A	The new dead front terminators (UG 3517, 3518) will be deployed in strategic areas to improve distribution circuit reliability, such as where large customer segments can be further sectionalized in small padmount applications. Funding for this program assumes a target of 15 locations each year where live front terminators currently exist. Limited cable replacements will be included in this work as directly related to making up new cable terminations.	SDG&E-11-R OR-158 to OR-160 CWP 1.9241.0
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- PROACTIVE DEAD FRONT TERMINATOR DEPLOY**				**Yes**			
Capital	ELECTRIC DISTRIBUTION	RAMP- REPLACEMENT OF LIVE FRONT EQUIPMENT	Electric Infrastructure Integrity	Replacement of Live Front Equipment - Reactive	N/A	No	Lower actual costs and units driven by an increase in responsive and New Business projects in 2024, which utilized resources from proactive reliability projects during the period.	The purpose of this project is to replace live front (energized) padmounted distribution equipment with dead front (de-energized) padmounted distribution equipment when it is encountered during normal SDG&E work.	SDG&E-11-R OR-149 to OR-150 CWP 0.62470
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- REPLACEMENT OF LIVE FRONT EQUIPMENT**				**Yes**			
Capital	ELECTRIC DISTRIBUTION	RAMP- REPLACEMENT OF UNDERGROUND CABLES	Electric Infrastructure Integrity	Underground Cable Replacement Program Reactive	N/A	No	N/A	The project facilitates the responsive replacement of underground cable that has failed or has operated outside of its intended threshold of rated operation.	SDG&E-11-R OR-99 to OR-100 CWP 002400
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- REPLACEMENT OF UNDERGROUND CABLES**				**Yes**			
Capital	ELECTRIC DISTRIBUTION	RAMP- RTU MODERNIZATION	Electric Infrastructure Integrity	Field SCADA RTU Replacement	UG Distribution	No	N/A	This project helps ensure safe operation of the distribution system by replacing legacy and end-of-life RMS900 Remote Terminal Units (RTU) in existing pad mounted transformers. Replacing these devices is vital for Electric Distribution Operations and SDG&E's grid reliability. This RTU modernization project will allow SDG&E to accomplish reliability goals, control costs, and better serve customers.	SDG&E-11-R OR-153 to OR-155 CWP 1.62770
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- RTU MODERNIZATION**				**Yes**			
Capital	ELECTRIC DISTRIBUTION	RAMP- SAN MARCOS SUB REBUILD 69KV & 12KV	Electric Infrastructure Integrity	San Marcos Substation 69kV Rebuild & 12kV Switchgear	Substation	No	N/A	Upgrade the 69kV bus, replace all 69kV insulators, disconnects, potential transformers, protection and controls. Replace existing control shelter with a new block shelter. Replace 8k 32's 12kV switchgear with new switchgear (sized to fit on existing foundation) and cutover existing 12kV circuits to new switchgear. Replace and relocate existing 12kV capacitors.	SDG&E-11-R OR-115 to OR-116 CWP 1.71600
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- SAN MARCOS SUB REBUILD 69KV & 12 KV**				**Yes**			
Capital	ELECTRIC DISTRIBUTION	RAMP- SUBSTATION SCADA EXPANSION-DISTRIBUTION	Electric Infrastructure Integrity	Distribution Substation SCADA Expansion	N/A	No	N/A	This project provides funding for the installation, upgrades, and expansion of the Supervisory Control and Data Acquisition (SCADA) system at substations for the distribution portion in substations.	SDG&E-11-R OR-113 to OR-114 CWP 1.52410
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- SUBSTATION SCADA EXPANSION-DISTRIBUTION**				**Yes**			
Capital	ELECTRIC DISTRIBUTION	RAMP- SUBSTATION MOD TO SUPPORT FLISR	Non-RAMP	Non-RAMP	Non-RAMP	No	This project was forecasted to be completed prior to 2024 and was delayed. Project will now be completed during the 2024 GRC cycle.		
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- SUBSTATION MOD TO SUPPORT FLISR**				**Yes**			
Capital	ELECTRIC DISTRIBUTION	RAMP- TEE MODERNIZATION PROGRAM	Electric Infrastructure Integrity	Tee Modernization Program	UG Distribution	No	N/A	The primary objective of this project is to improve reliability. Tee connector failures have become one of the largest contributors to system SAIDI and SAIFI over the last few years. One of the most frequently failed components of Tees are the double-ended plug. This component is not used with the modern replacement for the tee; the Cleer connector. This new design will improve reliability by removing the known common point of failure and also provide additional sectionalizing capabilities for overall circuit operation.	SDG&E-11-R OR-155 to OR-156 CWP 1.72550
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- TEE MODERNIZATION PROGRAM**				**Yes**			
Capital	ELECTRIC DISTRIBUTION	RAMP- TORREY PINES 12KV BREAKER REPLACEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- TORREY PINES 12KV BREAKER REPLACEMENT**				**Yes**			
Capital	ELECTRIC DISTRIBUTION	RAMP- URBAN SUBSTATION REBUILD	Non-RAMP	Non-RAMP	Non-RAMP	No	This project was forecasted to be completed prior to 2024 and was delayed. Project will now be completed during the 2024 GRC cycle.		
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP- URBAN SUBSTATION REBUILD**				**Yes**			
Capital	ELECTRIC DISTRIBUTION	RAMP-NON-HFTD WIRELESS FAULT INDICATORS	Electric Infrastructure Integrity	Non-HFTD Wireless Fault Indicator	OH Distribution	No	N/A	This project provides a way to rapidly identify and locate faults on distribution circuits via wireless fault indicators (WFI). The scope is to install wireless fault indicators (WFIs) on conductors. This will reduce outage and repair times, improving reliability.	SDG&E-11-R OR-140 to OR-142 CWP 202810
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP-NON-HFTD WIRELESS FAULT INDICATORS**				**Yes**			
Capital	ELECTRIC DISTRIBUTION	RAMP-STRATEGIC POLE REPLACEMENT PROGRAM (NON-HFTD)	Electric Infrastructure Integrity	Strategic Pole Replacement Program (Non-HFTD)	OH Distribution	No	N/A	This program will have multiple categories of risk. We are prioritizing gas-treated wood poles in combination with steel reinforced and encased in concrete. Based on research, it has been determined that the gas-treated poles are considered high priority based on the poles interaction with the substance in the soil. In combination with identified visual and inspection limitations of the pole being in concrete, SDG&E believes these are the highest risk group of poles to target. As SDG&E investigates further, there may be other contributing factors that presents risks that need to be mitigated and/or prioritized.	SDG&E-11-R OR-165 to OR-167 CWP 2.2241.0
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RAMP-STRATEGIC POLE REPLACEMENT PROGRAM (NON-HFTD)**				**Yes**			
Capital	ELECTRIC DISTRIBUTION	REACTIVE SMALL CAPITAL PROJECTS	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal REACTIVE SMALL CAPITAL PROJECTS**				**Yes**			
Capital	ELECTRIC DISTRIBUTION	SF6 SWITCH REPLACEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	Lower actual costs and units driven by an increase in responsive and New Business projects in 2024, which utilized resources from proactive reliability projects during the period.	The primary objective of this initiative is to reduce environmental risks associated with the potential for SF6 emissions.	SDG&E-11-R OR-150 to OR-152 CWP 1.42490
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal SF6 SWITCH REPLACEMENT**				**Yes**			
Capital	ELECTRIC DISTRIBUTION	SOUTH ORANGE COUNTY RELIABILITY ENHANCEMENT (SOCRE)	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal SOUTH ORANGE COUNTY RELIABILITY ENHANCEMENT (SOCRE)**				**Yes**			
Capital	ELECTRIC DISTRIBUTION	STREAMVIEW 69/12KV SUB REBUILD-PRE ENG	Non-RAMP	Non-RAMP	Non-RAMP	No	Project was delayed from the 2019 GRC cycle and scheduled to be completed within the 2024 GRC cycle.		
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal STREAMVIEW 69/12KV SUB REBUILD-PRE ENG**				**Yes**			
Capital	ELECTRIC DISTRIBUTION	STREET LIGHT MODERNIZATION	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A	This project targets modernizing street lighting system owned by SDG&E to LEDs. In addition, based on location and current condition of poles, pole replacement might be required with street light modernization. The current scope will cover every operational district utilizing a block per block approach rather than a failure replacement approach.	SDG&E-11-R OR-41 to OR-62 CWP 1.72020
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal STREET LIGHT MODERNIZATION**				**Yes**			
Capital	ELECTRIC DISTRIBUTION	SUBSTATION 12KV CAPACITOR UPGRADES	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A	Replace existing single-step capacitor banks at selected substation with banks o f increased capacity and multiple steps. Add capacitor banks where the power factor is below minimum requirements. Add capacitor and reactor banks where the power factor is below minimum requirements.	SDG&E-11-R OR-32 to OR-33 CWP 082510
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal SUBSTATION 12KV CAPACITOR UPGRADES**				**Yes**			
Capital	ELECTRIC DISTRIBUTION	TRANSFORMER & METER INSTALLATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No			
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal TRANSFORMER & METER INSTALLATIONS**				**Yes**			

SDG&E ELECTRIC DISTRIBUTION Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	ByRisk	Status Variance Explanation	WP Activity Description	2024 GRC Testimony Location
Capital	ELECTRIC DISTRIBUTION	TRANSFORMERS	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A	This blanket budget provides the funds to purchase new line transformers. Materials are required to support the electric distribution system. The funds for this blanket budget are required to purchase new line transformers to be used to service the electric distribution system's customers. It is required to maintain inventory levels at each of the electric distribution service centers.	SDG&E-11-R OR-65 CWP 002140
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal TRANSFORMERS**				**Yes**			
Capital	ELECTRIC DISTRIBUTION	TRANSMISSION CORRECTIVE MAINTENANCE PROGRAM	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A	This program supports SDG&E's obligation to serve and meet safety requirements promulgated by various legislative and Commission requirements, e.g., CPUC General Order 95, Assembly Bill 1890, and Assembly Bill 1017. This program annually replaces approximately 80 wood-en poles in non- High Fire Threat Districts with steel poles. Distribution costs represent about 10% of costs associated with installing transmission poles with distribution underbuild.	SDG&E-11-R OR-174 CWP 201260
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal TRANSMISSION CORRECTIVE MAINTENANCE PROGRAM**				**Yes**			
Capital	ELECTRIC DISTRIBUTION	UG NON-RESIDENTIAL NB	Non-RAMP	Non-RAMP	Non-RAMP	No			
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal UG NON-RESIDENTIAL NB**				**Yes**			
Capital	ELECTRIC DISTRIBUTION	UG RESIDENTIAL NB	Non-RAMP	Non-RAMP	Non-RAMP	No			
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal UG RESIDENTIAL NB**				**Yes**			

SDG&E ELECTRIC DISTRIBUTION Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	ByRup	Status Variance Explanation	WP Activity Description	2024 GRC Testimony Location
Capital	ELECTRIC DISTRIBUTION	ARTESIAN 230KV EXPANSION	Non-RAMP	Non-RAMP	Non-RAMP	No	This project was forecasted to be completed prior to 2024 and was delayed. Project will now be completed during the 2024 GRC cycle.		
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal ARTESIAN 230KV EXPANSION**				**Yes**			
Capital	ELECTRIC DISTRIBUTION	BORREGO SPRINGS MICROGRID GENERATOR REPL	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal BORREGO SPRINGS MICROGRID GENERATOR REPL**				**Yes**			
Capital	ELECTRIC DISTRIBUTION	C1 162, BD: NEW C1 162	Non-RAMP	Non-RAMP	Non-RAMP	No	This project was forecasted to be completed prior to 2024 and was delayed. Project will now be completed during the 2024 GRC cycle.		
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal C1 162, BD: NEW C1 162**				**Yes**			
Capital	ELECTRIC DISTRIBUTION	C3 69, S: NEW 12KV TWIN CIRCUIT	Non-RAMP	Non-RAMP	Non-RAMP	No	This project was forecasted to be completed prior to 2024 and was delayed. Project will now be completed during the 2024 GRC cycle.		
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal C3 69, S: NEW 12KV TWIN CIRCUIT**				**Yes**			
Capital	ELECTRIC DISTRIBUTION	TRANSMISSION SUBSTATION RELIABILITY	Non-RAMP	Non-RAMP	Non-RAMP	No	This project was forecasted to be completed prior to 2024 and was delayed. Project will now be completed during the 2024 GRC cycle.		
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal TRANSMISSION SUBSTATION RELIABILITY**				**Yes**			
Capital	ELECTRIC DISTRIBUTION	C50, PTL: RECO AND CAPACITOR	Non-RAMP	Non-RAMP	Non-RAMP	No	This project was forecasted to be completed prior to 2024 and was delayed. Project will now be completed during the 2024 GRC cycle.		
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal C50, PTL: RECO AND CAPACITOR**				**Yes**			
Capital	ELECTRIC DISTRIBUTION	CBM - 4.2 FIRMWARE UPGRADE FOR TRANSFORM	Non-RAMP	Non-RAMP	Non-RAMP	No	Project was anticipated to be completed during the 2019 GRC cycle but had minor mailing costs in 2024.		
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal CBM - 4.2 FIRMWARE UPGRADE FOR TRANSFORM**				**Yes**			
Capital	ELECTRIC DISTRIBUTION	COLLECTIBLE - CAMP PENDLETON - STUART MESA HOUSING	Non-RAMP	Non-RAMP	Non-RAMP	No			
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal COLLECTIBLE - CAMP PENDLETON - STUART MESA HOUSING**				**Yes**			
Capital	ELECTRIC DISTRIBUTION	TRANSMISSION SYSTEM AUTOMATION	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal TRANSMISSION SYSTEM AUTOMATION**				**Yes**			
Capital	ELECTRIC DISTRIBUTION	VALENCIA POINTE RELOCATION	Non-RAMP	Non-RAMP	Non-RAMP	No			
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal VALENCIA POINTE RELOCATION**				**Yes**			
Capital	ELECTRIC DISTRIBUTION	CRITICAL ASSET SECURITY	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal CRITICAL ASSET SECURITY**				**Yes**			
Capital	ELECTRIC DISTRIBUTION	DPM DIGITAL LAYER	Non-RAMP	Non-RAMP	Non-RAMP	No			
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal DPM DIGITAL LAYER**				**Yes**			
Capital	ELECTRIC DISTRIBUTION	ELEC TRANS LINE RELOCATION PROJECTS	Non-RAMP	Non-RAMP	Non-RAMP	No			
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal ELEC TRANS LINE RELOCATION PROJECTS**				**Yes**			
Capital	ELECTRIFICATION SUBSTATIONS	ELECTRIFICATION SUBSTATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal ELECTRIFICATION SUBSTATIONS**				**Yes**			
Capital	ELECTRIC DISTRIBUTION	ENCINA DECOMMISSION-REMOVAL 138KV SUBSTA	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal ENCINA DECOMMISSION-REMOVAL 138KV SUBSTA**				**Yes**			
Capital	ELECTRIC DISTRIBUTION	GENERATION INTERCONNECTION PROJECTS	Non-RAMP	Non-RAMP	Non-RAMP	No			
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal GENERATION INTERCONNECTION PROJECTS**				**Yes**			
Capital	ELECTRIC DISTRIBUTION	GRANITE 12KV BREAKER AND SWITCHGEAR REPL	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal GRANITE 12KV BREAKER AND SWITCHGEAR REPL**				**Yes**			
Capital	ELECTRIC DISTRIBUTION	NORTH VALLEY 69-12KV SUBSTATION REBUILD	Electric Infrastructure Integrity	North Valley (Monte Hill) Substation Rebuild	Substation	No	N/A		
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal NORTH VALLEY 69/12KV SUBSTATION REBUILD**				**Yes**			
Capital	ELECTRIC DISTRIBUTION	WORKLOAD MANAGEMENT APPLICATION	Non-RAMP	Non-RAMP	Non-RAMP	No			
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal WORKLOAD MANAGEMENT APPLICATION**				**Yes**			
Capital	ELECTRIC DISTRIBUTION	KETTNER REBUILD	Non-RAMP	Non-RAMP	Non-RAMP	No	This project was forecasted to be completed prior to 2024 and was delayed. Project will now be completed during the 2024 GRC cycle.		
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal KETTNER REBUILD**				**Yes**			
Capital	ELECTRIC DISTRIBUTION	INCIDENT RESPONSE- NON-INCREMENTAL	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal INCIDENT RESPONSE- NON-INCREMENTAL**				**Yes**			
Capital	ELECTRIC DISTRIBUTION	MID-COAST TROLLEY EXTENSION	Non-RAMP	Non-RAMP	Non-RAMP	No			
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal MID-COAST TROLLEY EXTENSION**				**Yes**			
Capital	ELECTRIC DISTRIBUTION	MISSION 138KV & 69KV SUB REBUILD	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal MISSION 138KV & 69KV SUB REBUILD**				**Yes**			
Capital	ELECTRIC DISTRIBUTION	NARROWS REBUILD	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal NARROWS REBUILD**				**Yes**			
Capital	ELECTRIC DISTRIBUTION	NEW DOWNTOWN 69/12KV SUBSTATION	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal NEW DOWNTOWN 69/12KV SUBSTATION**				**Yes**			
Capital	ELECTRIC DISTRIBUTION	POLE LOADING REMEDIATION (NON-WMP)	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A	This program supports the performance of work for The Pole Loading Remediation Program (non-WMP). The PLR Program documents, tracks, and timely closes non-compliant pole issues identified by the pole loading calculation program.	N/A
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal POLE LOADING REMEDIATION (NON-WMP)**				**Yes**			
Capital	ELECTRIC DISTRIBUTION	PURE WATER ELECTRIC	Non-RAMP	Non-RAMP	Non-RAMP	No			
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal PURE WATER ELECTRIC**				**Yes**			
Capital	ELECTRIC DISTRIBUTION	REBUILDING OF SKILLS TRAINING YARD	Non-RAMP	Non-RAMP	Non-RAMP	No	This project was forecasted to be completed prior to 2024 and was delayed. Project will now be completed during the 2024 GRC cycle.		
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal REBUILDING OF SKILLS TRAINING YARD**				**Yes**			
Capital	ELECTRIC DISTRIBUTION	RFS JAPANESE MESA SUBSTATION	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal RFS JAPANESE MESA SUBSTATION**				**Yes**			
Capital	ELECTRIC DISTRIBUTION	SCADA EXPANSION-TRANSMISSION	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal SCADA EXPANSION-TRANSMISSION**				**Yes**			
Capital	ELECTRIC DISTRIBUTION	SCADA HEAD-END REPLACEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	This project was forecasted to be completed prior to 2024 and was delayed. Project will now be completed during the 2024 GRC cycle.		
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal SCADA HEAD-END REPLACEMENT**				**Yes**			
Capital	ELECTRIC DISTRIBUTION	SUB EXTERNALLY ROUTABLE CONNECTIV (SERC)	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal SUB EXTERNALLY ROUTABLE CONNECTIV (SERC)**				**Yes**			
Capital	ELECTRIC DISTRIBUTION	SUBSTATION DC RELIABILITY UPGRADE PROJ	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal SUBSTATION DC RELIABILITY UPGRADE PROJ**				**Yes**			
Capital	ELECTRIC DISTRIBUTION	SUBSTATION SECURITY PROJ UNDER $500K	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal SUBSTATION SECURITY PROJ UNDER $500K**				**Yes**			

SDG&E ELECTRIC DISTRIBUTION Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	RollUp	Status Variance Explanation	WP Activity Description	2024 GRC Testimony Location
Capital	ELECTRIC DISTRIBUTION	SYNCHRONIZED PHASOR MEASUREMENT SYSTEM	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal 15 SYNCHRONIZED PHASOR MEASUREMENT SYSTEM**				**Yes**			
Capital	ELECTRIC DISTRIBUTION	TL23001 TL23004 INSULATOR AND HARDWARE R	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal TL23001 TL23004 INSULATOR AND HARDWARE R**				**Yes**			
Capital	ELECTRIC DISTRIBUTION	TL610 - RELIABILITY POLE REPLACEMENTS	Non-RAMP	Non-RAMP	Non-RAMP	No	This project was forecasted to be completed prior to 2024 and was delayed. Project will now be completed during the 2024 GRC cycle.		
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal TL 610 - RELIABILITY POLE REPLACEMENTS**				**Yes**			
Capital	ELECTRIC DISTRIBUTION	TL603 B SWEETWATER TAP REMOVAL	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal TL 603 B SWEETWATER TAP REMOVAL**				**Yes**			
Capital	ELECTRIC DISTRIBUTION	TL605 RECONDUCTOR: SILVERGATE - URBAN	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal TL 605 RECONDUCTOR: SILVERGATE - URBAN**				**Yes**			
Capital	ELECTRIC DISTRIBUTION	TL634 JUNIPER STREET CUSTOMER RELOCATION	Non-RAMP	Non-RAMP	Non-RAMP	No			
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal TL 634 JUNIPER STREET CUSTOMER RELOCATION**				**Yes**			
Capital	ELECTRIC DISTRIBUTION	TRANSMISSION EMS/SCADA RELIANCE UPGRADE	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal TRANSMISSION EMS/SCADA RELIANCE UPGRADE**				**Yes**			
Capital	ELECTRIC DISTRIBUTION	TL667 SAN DIEGUITO RELOCATION	Non-RAMP	Non-RAMP	Non-RAMP	No			
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal TL 667 SAN DIEGUITO RELOCATION**				**Yes**			
Capital	ELECTRIC DISTRIBUTION	TL673 RN-LJ DB CABLE REPLACE	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal TL 673 RN-LJ DB CABLE REPLACE**				**Yes**			
Capital	ELECTRIC DISTRIBUTION	TL674 A DEL MAR RECONFIGURE/TL666 D RFS	Non-RAMP	Non-RAMP	Non-RAMP	No	This project was forecasted to be completed prior to 2024 and was delayed. Project will now be completed during the 2024 GRC cycle.		
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal TL 674 A DEL MAR RECONFIGURE/TL 666D RFS**				**Yes**			
Capital	ELECTRIC DISTRIBUTION	TRANSMISSION INFRASTRUCTURE IMPROVEMENTS	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal TRANSMISSION INFRASTRUCTURE IMPROVEMENTS**				**Yes**			
Capital	ELECTRIC DISTRIBUTION	TL697 5 ESCONDIDO - SAN MARCOS	Non-RAMP	Non-RAMP	Non-RAMP	No	This project was forecasted to be completed prior to 2024 and was delayed. Project will now be completed during the 2024 GRC cycle.		
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal TL 697 5 ESCONDIDO - SAN MARCOS**				**Yes**			
Capital	ELECTRIC DISTRIBUTION	TL698 MEADOWOOD RELOCATION	Non-RAMP	Non-RAMP	Non-RAMP	No			
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal TL 698 MEADOWOOD RELOCATION**				**Yes**			

SDG&E ELECTRIC GENERATION Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost (to Date $)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date ($)
Capital	ELECTRIC GENERATION	ELECTRIC GENERATION				Yes			16,138	—	—	—	16,138	13,870	13,870	16,138	14,018	13,870
Capital	ELECTRIC GENERATION	CUYAMACA PEAK ENERGY PLANT OPER ENHANCE	Non-RAMP	Non-RAMP	Non-RAMP	No	Ongoing	Annual	218	—	—	—	218	651	671	691	712	651
Capital	**ELECTRIC GENERATION**	**SubTotal CUYAMACA PEAK ENERGY PLANT OPER ENHANCE**				**Yes**			**218**	**—**	**—**	**—**	**218**	**651**	**671**	**691**	**712**	**651**
Capital	ELECTRIC GENERATION	DESERT STAR ENERGY CTR OPER. ENHANCE	Non-RAMP	Non-RAMP	Non-RAMP	No	Ongoing	Annual	4,350	—	—	—	4,350	5,510	5,495	5,845	6,020	5,510
Capital	**ELECTRIC GENERATION**	**SubTotal DESERT STAR ENERGY CTR OPER. ENHANCE**				**Yes**			**4,350**	**—**	**—**	**—**	**4,350**	**5,510**	**5,495**	**5,845**	**6,020**	**5,510**
Capital	ELECTRIC GENERATION	GENERATION CAPITAL TOOLS & TEST EQPT.	Non-RAMP	Non-RAMP	Non-RAMP	No	Ongoing	Annual	77	—	—	—	77	93	95	98	101	93
Capital	**ELECTRIC GENERATION**	**SubTotal GENERATION CAPITAL TOOLS & TEST EQPT.**				**Yes**			**77**	**—**	**—**	**—**	**77**	**93**	**95**	**98**	**101**	**93**
Capital	ELECTRIC GENERATION	MIRAMAR PLANT OPERATIONAL ENHANCEMENTS	Non-RAMP	Non-RAMP	Non-RAMP	No	Ongoing	Annual	144	—	—	—	144	976	1,005	1,035	1,066	976
Capital	**ELECTRIC GENERATION**	**SubTotal MIRAMAR PLANT OPERATIONAL ENHANCEMENTS**				**Yes**			**144**	**—**	**—**	**—**	**144**	**976**	**1,005**	**1,035**	**1,066**	**976**
Capital	ELECTRIC GENERATION	PALOMAR PLANT OPERATIONAL ENHANCEMENTS	Non-RAMP	Non-RAMP	Non-RAMP	No	Ongoing	Annual	4,815	—	—	—	4,815	6,093	6,276	6,464	6,658	6,093
Capital	**ELECTRIC GENERATION**	**SubTotal PALOMAR PLANT OPERATIONAL ENHANCEMENTS**				**Yes**			**4,815**	**—**	**—**	**—**	**4,815**	**6,093**	**6,276**	**6,464**	**6,658**	**6,093**
Capital	ELECTRIC GENERATION	RAMONA SOLAR PLAN TOP HS ENHANCE	Non-RAMP	Non-RAMP	Non-RAMP	No	Ongoing	Annual	5	—	—	—	5	53	55	57	59	53
Capital	**ELECTRIC GENERATION**	**SubTotal RAMONA SOLAR PLANT OPER ENHANCE**				**Yes**			**5**	**—**	**—**	**—**	**5**	**53**	**55**	**57**	**59**	**53**
Capital	ELECTRIC GENERATION	ES CONDIDO BESS PLANT OPER. ENHANCE	Non-RAMP	Non-RAMP	Non-RAMP	No	Ongoing	Annual	1	—	—	—	1	—	—	—	—	—
Capital	**ELECTRIC GENERATION**	**SubTotal ESCONDIDO BESS PLANT OPER ENHANCE**				**Yes**			**1**	**—**	**—**	**—**	**1**	**—**	**—**	**—**	**—**	**—**
Capital	ELECTRIC GENERATION	MIGUEL VRF- BATTERY FACILITIES ENHANCEME	Non-RAMP	Non-RAMP	Non-RAMP	No	Ongoing	Annual	220	—	—	—	220	—	—	—	—	—
Capital	**ELECTRIC GENERATION**	**SubTotal MIGUEL VRF - BATTERY FACILITIES ENHANCEME**				**Yes**			**220**	**—**	**—**	**—**	**220**	**—**	**—**	**—**	**—**	**—**
Capital	ELECTRIC GENERATION	PALOMAR HYDROGEN SYSTEMS	Non-RAMP	Non-RAMP	Non-RAMP	No	1	8	715	—	—	—	715	—	—	—	—	—
Capital	**ELECTRIC GENERATION**	**SubTotal PALOMAR HYDROGEN SYSTEMS**				**Yes**			**715**	**—**	**—**	**—**	**715**	**—**	**—**	**—**	**—**	**—**
Capital	ELECTRIC GENERATION	EL CAJON BESS PLANT OP HS ENHANCE	Non-RAMP	Non-RAMP	Non-RAMP	No	Ongoing	Annual	(1)	—	—	—	(1)	—	—	—	—	—
Capital	**ELECTRIC GENERATION**	**SubTotal EL CAJON BESS PLANT OPER ENHANCE**				**Yes**			**(1)**	**—**	**—**	**—**	**(1)**	**—**	**—**	**—**	**—**	**—**

SDG&E ELECTRIC GENERATION Capital

Type	Witness Area (List of Witnesses)	WP Activity Description (Spending Category)	RAMP Risk Cluster	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference ($)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
Capital	ELECTRIC GENERATION	ELECTRIC GENERATION				Yes	(1,833)	(1,536)	(1,619)	(1,619)	(1,833)	-11%	-100%	-100%	-100%	-11%
Capital	ELECTRIC GENERATION	CUYAMACA PEAK ENERGY PLANT OPER ENHANCE	Non-RAMP	Non-RAMP	Non-RAMP	No	(633)	(67)	(691)	(712)	(633)	-6%	-100%	-100%	-100%	-6%
Capital	**ELECTRIC GENERATION**	**SubTotal CUYAMACA PEAK ENERGY PLANT OPER ENHANCE**				**Yes**	**(633)**	**(67)**	**(691)**	**(712)**	**(633)**	**-6%**	**-100%**	**-100%**	**-100%**	**-6%**
Capital	ELECTRIC GENERATION	DESERT STAR ENERGY CTR OPER. ENHANCE	Non-RAMP	Non-RAMP	Non-RAMP	No	(1,160)	(5,078)	(5,845)	(6,020)	(1,160)	-2%	-100%	-100%	-100%	-21%
Capital	**ELECTRIC GENERATION**	**SubTotal DESERT STAR ENERGY CTR OPER. ENHANCE**				**Yes**	**(1,160)**	**(5,078)**	**(5,845)**	**(6,020)**	**(1,160)**	**-21%**	**-100%**	**-100%**	**-100%**	**-21%**
Capital	ELECTRIC GENERATION	GENERATION CAPITAL TOOLS & TEST EQPT.	Non-RAMP	Non-RAMP	Non-RAMP	No	(15)	(98)	(98)	(101)	(15)	-17%	-100%	-100%	-100%	-17%
Capital	**ELECTRIC GENERATION**	**SubTotal GENERATION CAPITAL TOOLS & TEST EQPT.**				**Yes**	**(15)**	**(98)**	**(98)**	**(101)**	**(15)**	**-17%**	**-100%**	**-100%**	**-100%**	**-17%**
Capital	ELECTRIC GENERATION	MIRAMAR PLANT OPERATIONAL ENHANCEMENTS	Non-RAMP	Non-RAMP	Non-RAMP	No	(632)	(1,000)	(1,033)	(1,066)	(632)	-85%	-100%	-100%	-100%	-85%
Capital	**ELECTRIC GENERATION**	**SubTotal MIRAMAR PLANT OPERATIONAL ENHANCEMENTS**				**Yes**	**(632)**	**(1,000)**	**(1,033)**	**(1,066)**	**(632)**	**-85%**	**-100%**	**-100%**	**-100%**	**-85%**
Capital	ELECTRIC GENERATION	PALOMAR PLANT OPERATIONAL ENHANCEMENTS	Non-RAMP	Non-RAMP	Non-RAMP	No	(1,278)	(6,378)	(6,466)	(6,650)	(1,278)	-21%	-100%	-100%	-100%	-21%
Capital	**ELECTRIC GENERATION**	**SubTotal PALOMAR PLANT OPERATIONAL ENHANCEMENTS**				**Yes**	**(1,278)**	**(6,378)**	**(6,466)**	**(6,650)**	**(1,278)**	**-21%**	**-100%**	**-100%**	**-100%**	**-21%**
Capital	ELECTRIC GENERATION	RAMONA SOLAR PLAN TOP HR ENHANCE	Non-RAMP	Non-RAMP	Non-RAMP	No	(48)	(38)	(57)	(59)	(48)	-91%	-100%	-100%	-100%	-91%
Capital	**ELECTRIC GENERATION**	**SubTotal RAMONA SOLAR PLANT OPER ENHANCE**				**Yes**	**(48)**	**(38)**	**(57)**	**(59)**	**(48)**	**-91%**	**-100%**	**-100%**	**-100%**	**-91%**
Capital	ELECTRIC GENERATION	ESCONDIDO BESS PLANT OPER. ENHANCE	Non-RAMP	Non-RAMP	Non-RAMP	No	1	–	–	–	1	100%	—%	—%	—%	100%
Capital	**ELECTRIC GENERATION**	**SubTotal ESCONDIDO BESS PLANT OPER ENHANCE**				**Yes**	**1**	**–**	**–**	**–**	**1**	**100%**	**—%**	**—%**	**—%**	**100%**
Capital	ELECTRIC GENERATION	MIGUEL VRF- BATTERY FACILITIES ENHANCEME	Non-RAMP	Non-RAMP	Non-RAMP	No	220	–	–	–	220	100%	—%	—%	—%	100%
Capital	**ELECTRIC GENERATION**	**SubTotal MIGUEL VRF - BATTERY FACILITIES ENHANCEME**				**Yes**	**220**	**–**	**–**	**–**	**220**	**100%**	**—%**	**—%**	**—%**	**100%**
Capital	ELECTRIC GENERATION	PALOMAR HYDROGEN SYSTEMS	Non-RAMP	Non-RAMP	Non-RAMP	No	715	–	–	–	715	100%	—%	—%	—%	100%
Capital	**ELECTRIC GENERATION**	**SubTotal PALOMAR HYDROGEN SYSTEMS**				**Yes**	**715**	**–**	**–**	**–**	**715**	**100%**	**—%**	**—%**	**—%**	**100%**
Capital	ELECTRIC GENERATION	EL CAJON BESS PLANT OPER ENHANCE	Non-RAMP	Non-RAMP	Non-RAMP	No	(1)	–	–	–	(1)	100%	—%	—%	—%	100%
Capital	**ELECTRIC GENERATION**	**SubTotal EL CAJON BESS PLANT OPER ENHANCE**				**Yes**	**(1)**	**–**	**–**	**–**	**(1)**	**100%**	**—%**	**—%**	**—%**	**100%**

SDG&E ELECTRIC GENERATION Capital

Type	Witness Area (List of Witnesses)	WP Activity Description (Spending Category)	RAMP Risk Cluster	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
Capital	ELECTRIC GENERATION	ELECTRIC GENERATION				Yes																					
Capital	ELECTRIC GENERATION	CUYAMACA PEAK ENERGY PLANT OPER ENHANCE	Non-RAMP	Non-RAMP	Non-RAMP	No	2024 Actual project spend that increased the overall reliability, operability and safety of the Cuyamaca Plant include inlet filter replacement, and various electrical, mechanical and instrumentation improvement projects. The projects completed in 2024 are comparable to the types of projects reflected in the imputed authorized amounts. Due to the variety of work activities in this category, it is infeasible to identify a single unit of measurement.																	
Capital	**ELECTRIC GENERATION**	**SubTotal CUYAMACA PEAK ENERGY PLANT OPER ENHANCE**				Yes																					
Capital	ELECTRIC GENERATION	DESERT STAR ENERGY CTR OPER. ENHANCE	Non-RAMP	Non-RAMP	Non-RAMP	No	2024 Actual project spend that increased the overall reliability, operability and safety of the Desert Star Plant include physical security improvements, valve replacement, platform installation, Auxiliary Transformer upgrade, station battery replacement, control systems upgrade, finish replacement, and various mechanical improvement projects. The projects completed in 2024 are comparable to the type of projects reflected in the imputed authorized amounts. Due to the variety of work activities in this category, it is infeasible to identify a single unit of measurement.																	
Capital	**ELECTRIC GENERATION**	**SubTotal DESERT STAR ENERGY CTR OPER. ENHANCE**				Yes																					
Capital	ELECTRIC GENERATION	GENERATION CAPITAL TOOLS & TEST EQPT.	Non-RAMP	Non-RAMP	Non-RAMP	No	This workpaper consists of a variety of activities, including acquisition of mechanical tools, plant test and analysis equipment (such as meters, cameras, weld checkers, valve scopes, other equipment). The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																	
Capital	**ELECTRIC GENERATION**	**SubTotal GENERATION CAPITAL TOOLS & TEST EQPT.**				Yes																					
Capital	ELECTRIC GENERATION	MIRAMAR PLANT OPERATIONAL ENHANCEMENTS	Non-RAMP	Non-RAMP	Non-RAMP	No	2024 Actual project spend that increased the overall reliability, operability and safety of the Miramar Plant include waste heat recovery upgrade, and various mechanical and instrumentation improvement projects. The projects completed in 2024 are comparable to the type of projects reflected in the imputed authorized amounts. Due to the variety of work activities in this category, it is infeasible to identify a single unit of measurement.																	
Capital	**ELECTRIC GENERATION**	**SubTotal MIRAMAR PLANT OPERATIONAL ENHANCEMENTS**				Yes																					
Capital	ELECTRIC GENERATION	PALOMAR PLANT OPERATIONAL ENHANCEMENTS	Non-RAMP	Non-RAMP	Non-RAMP	No	2024 Actual project spend that increased the overall reliability, operability and safety of the Palomar Plant include upgrades to HVAC system, valve replacements, piping and installation upgrades, relay upgrades, and various safety, electrical, mechanical and instrument improvement projects. The projects completed in 2024 are comparable to the type of projects reflected in the imputed authorized amounts. Due to the variety of work activities in this category, it is infeasible to identify a single unit of measurement.																	
Capital	**ELECTRIC GENERATION**	**SubTotal PALOMAR PLANT OPERATIONAL ENHANCEMENTS**				Yes																					
Capital	ELECTRIC GENERATION	RAMONA SOLAR PLAN TOP IR ENHANCE	Non-RAMP	Non-RAMP	Non-RAMP	No	2024 Actual project spend that increased the overall reliability, operability and safety of the Ramona Solar Plant include mechanical improvement projects. The projects completed in 2024 are comparable to the type of projects reflected in the imputed authorized amounts. Due to the variety of work activities in this category, it is infeasible to identify a single unit of measurement.																	
Capital	**ELECTRIC GENERATION**	**SubTotal RAMONA SOLAR PLANT OPER ENHANCE**				Yes																					
Capital	ELECTRIC GENERATION	ESCONDIDO BESS PLANT OPER. ENHANCE	Non-RAMP	Non-RAMP	Non-RAMP	No	Project was completed over the 2019 GRC cycle. 2024 activity is related to project close out costs.																				
Capital	**ELECTRIC GENERATION**	**SubTotal ESCONDIDO BESS PLANT OPER ENHANCE**				Yes																					
Capital	ELECTRIC GENERATION	MIGUEL VRF- BATTERY FACILITIES ENHANCEME	Non-RAMP	Non-RAMP	Non-RAMP	No	2024 actual project spend that increased the overall reliability, repeatability and safety of the Miguel VRF Battery site include a network upgrade project. The project completed in 2024 is comparable to the type of projects reflected in the imputed authorized amounts. Due to the variety of work activities in this category, it is infeasible to identify a single unit of measurement.																	
Capital	**ELECTRIC GENERATION**	**SubTotal MIGUEL VRF- BATTERY FACILITIES ENHANCEME**				Yes																					
Capital	ELECTRIC GENERATION	PALOMAR HYDROGEN SYSTEMS	Non-RAMP	Non-RAMP	Non-RAMP	No	Capital project focused on demonstrating multiple use cases of electrolytically produced hydrogen to support decarbonizing natural gas powered plant operations. This pilot project focuses on research and understanding of hydrogen's behavior and impact on SDG&E' s pipeline, the impact on various emissions, how to design, operate, and maintain hydrogen equipment, and how to reduce the unit cost of hydrogen. The variety of work activities associated with this project makes it infeasible to identify a single unit of measurement.																	
Capital	**ELECTRIC GENERATION**	**SubTotal PALOMAR HYDROGEN SYSTEMS**				Yes																					
Capital	ELECTRIC GENERATION	EL CAJON BESS PLANT OPER ENHANCE	Non-RAMP	Non-RAMP	Non-RAMP	No	Project was cancelled. 2024 activity is related to an accounting adjustment.																				
Capital	**ELECTRIC GENERATION**	**SubTotal EL CAJON BESS PLANT OPER ENHANCE**				Yes																					

SDG&E ELECTRIC GENERATION Capital

Type	Witness Area (List of Witnesses)	WP Activity Description (Spending Category)	RAMP Risk Cluster	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Safety, Reliability, or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status	Status Variance Explanation Required?
Capital	ELECTRIC GENERATION	ELECTRIC GENERATION				Yes										
Capital	ELECTRIC GENERATION	CUYAMACA PEAK ENERGY PLANT OPER ENHANCE	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	**ELECTRIC GENERATION**	**SubTotal CUYAMACA PEAK ENERGY PLANT OPER ENHANCE**				**Yes**	**YES**	**NO**								**NO**
Capital	ELECTRIC GENERATION	DESERT STAR ENERGY CTR OPER. ENHANCE	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	**ELECTRIC GENERATION**	**SubTotal DESERT STAR ENERGY CTR OPER. ENHANCE**				**Yes**	**YES**	**NO**								**NO**
Capital	ELECTRIC GENERATION	GENERATION CAPITAL TOOLS & TEST EQPT.	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	**ELECTRIC GENERATION**	**SubTotal GENERATION CAPITAL TOOLS & TEST EQPT.**				**Yes**	**YES**	**NO**								**NO**
Capital	ELECTRIC GENERATION	MIRAMAR PLANT OPERATIONAL ENHANCEMENTS	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	**ELECTRIC GENERATION**	**SubTotal MIRAMAR PLANT OPERATIONAL ENHANCEMENTS**				**Yes**	**YES**	**NO**								**NO**
Capital	ELECTRIC GENERATION	PALOMAR PLANT OPERATIONAL ENHANCEMENTS	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	**ELECTRIC GENERATION**	**SubTotal PALOMAR PLANT OPERATIONAL ENHANCEMENTS**				**Yes**	**YES**	**NO**								**NO**
Capital	ELECTRIC GENERATION	RAMONA SOLAR PLAN TOP IR ENHANCE	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	**ELECTRIC GENERATION**	**SubTotal RAMONA SOLAR PLANT OPER ENHANCE**				**Yes**	**YES**	**NO**								**NO**
Capital	ELECTRIC GENERATION	ESCONDIDO BESS PLANT OPER. ENHANCE	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	Over (O)	Over (O)	Over (O)	Other	NO
Capital	**ELECTRIC GENERATION**	**SubTotal ESCONDIDO BESS PLANT OPER ENHANCE**				**Yes**	**YES**	**NO**								**NO**
Capital	ELECTRIC GENERATION	MIGUEL VRF- BATTERY FACILITIES ENHANCEME	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	Over (O)	Over (O)	Over (O)	Emergent	NO
Capital	**ELECTRIC GENERATION**	**SubTotal MIGUEL VRF - BATTERY FACILITIES ENHANCEME**				**Yes**	**YES**	**NO**								**NO**
Capital	ELECTRIC GENERATION	PALOMAR HYDROGEN SYSTEMS	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	**ELECTRIC GENERATION**	**SubTotal PALOMAR HYDROGEN SYSTEMS**				**Yes**	**YES**	**NO**								**NO**
Capital	ELECTRIC GENERATION	EL CAJON BESS PLANT OPER ENHANCE	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	Over (O)	Over (O)	Over (O)	Cancelled	NO
Capital	**ELECTRIC GENERATION**	**SubTotal EL CAJON BESS PLANT OPER ENHANCE**				**Yes**	**YES**	**NO**								**NO**

SDG&E ELECTRIC GENERATION Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Cluster	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Status Variance Explanation	WP Activity Description	2024 GRC Testimony Location
Capital	ELECTRIC GENERATION	ELECTRIC GENERATION				Yes			
Capital	ELECTRIC GENERATION	CUYAMACA PEAK ENERGY PLANT OPER ENHANCE	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
Capital	**ELECTRIC GENERATION**	**SubTotal CUYAMACA PEAK ENERGY PLANT OPER ENHANCE**				**Yes**			
Capital	ELECTRIC GENERATION	DESERT STAR ENERGY CTR OPER. ENHANCE	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
Capital	**ELECTRIC GENERATION**	**SubTotal DESERT STAR ENERGY CTR OPER. ENHANCE**				**Yes**			
Capital	ELECTRIC GENERATION	GENERATION CAPITAL TOOLS & TEST EQPT.	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
Capital	**ELECTRIC GENERATION**	**SubTotal GENERATION CAPITAL TOOLS & TEST EQPT.**				**Yes**			
Capital	ELECTRIC GENERATION	MIRAMAR PLANT OPERATIONAL ENHANCEMENTS	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
Capital	**ELECTRIC GENERATION**	**SubTotal MIRAMAR PLANT OPERATIONAL ENHANCEMENTS**				**Yes**			
Capital	ELECTRIC GENERATION	PALOMAR PLANT OPERATIONAL ENHANCEMENTS	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
Capital	**ELECTRIC GENERATION**	**SubTotal PALOMAR PLANT OPERATIONAL ENHANCEMENTS**				**Yes**			
Capital	ELECTRIC GENERATION	RAMONA SOLAR PLAN TOP HR ENHANCE	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
Capital	**ELECTRIC GENERATION**	**SubTotal RAMONA SOLAR PLANT OPER ENHANCE**				**Yes**			
Capital	ELECTRIC GENERATION	ESCONDIDO BESS PLANT OPER. ENHANCE	Non-RAMP	Non-RAMP	Non-RAMP	No	Project was anticipated to be completed prior to the TY 2024 GRC cycle.		
Capital	**ELECTRIC GENERATION**	**SubTotal ESCONDIDO BESS PLANT OPER ENHANCE**				**Yes**			
Capital	ELECTRIC GENERATION	MIGUEL VRF- BATTERY FACILITIES ENHANCEME	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
Capital	**ELECTRIC GENERATION**	**SubTotal MIGUEL VRF - BATTERY FACILITIES ENHANCEME**				**Yes**			
Capital	ELECTRIC GENERATION	PALOMAR HYDROGEN SYSTEMS	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
Capital	**ELECTRIC GENERATION**	**SubTotal PALOMAR HYDROGEN SYSTEMS**				**Yes**			
Capital	ELECTRIC GENERATION	EL CAJON BESS PLANT OPER ENHANCE	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
Capital	**ELECTRIC GENERATION**	**SubTotal EL CAJON BESS PLANT OPER ENHANCE**				**Yes**			

SDG&E CLEAN ENERGY INNOVATIONS Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date ($)
Capital	CLEAN ENERGY INNOVATIONS	CLEAN ENERGY INNOVATIONS				Yes			29.15	—	—	—	1.83	2.72	1.45	2.08	2.08	2.72
Capital	CLEAN ENERGY INNOVATIONS	ADVANCED ENERGY STORAGE	Non-RAMP	Non-RAMP	Non-RAMP	No	0	0	3.71 6	—	—	—	3.71 6	—	—	—	—	—
Capital	**CLEAN ENERGY INNOVATIONS**	**Sub Total ADVANCED ENERGY STORAGE**				**Yes**			**3.71 6**	**—**	**—**	**—**	**3.71 6**	**—**	**—**	**—**	**—**	**—**
Capital	CLEAN ENERGY INNOVATIONS	BORREGO MICROGRID 3.0	Non-RAMP	Non-RAMP	Non-RAMP	No	0	0	(2.00 1	—	—	—	(2.00 1	—	—	—	—	—
Capital	**CLEAN ENERGY INNOVATIONS**	**Sub Total BORREGO MICROGRID 3.0**				**Yes**			**(2.00 1**	**—**	**—**	**—**	**(2.00 1**	**—**	**—**	**—**	**—**	**—**
Capital	CLEAN ENERGY INNOVATIONS	SUSTAINABLE COMMUNITIES REMOVAL	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	22.5	—	—	—	22.5	16.7	17.2	17.7	18.2	16.7
Capital	**CLEAN ENERGY INNOVATIONS**	**Sub Total SUSTAINABLE COMMUNITIES REMOVAL**				**Yes**			**22.5**	**—**	**—**	**—**	**22.5**	**16.7**	**17.2**	**17.7**	**18.2**	**16.7**
Capital	CLEAN ENERGY INNOVATIONS	MOBILE BATTERY ENERGY STORAGE PROGRAM	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	—	—	—	—	—	2,60 3	2,68 1	2,76 1	2,84 4	2,60 3
Capital	**CLEAN ENERGY INNOVATIONS**	**Sub Total MOBILE BATTERY ENERGY STORAGE PROGRAM**				**Yes**			**—**	**—**	**—**	**—**	**—**	**2,60 3**	**2,68 1**	**2,76 1**	**2,84 4**	**2,60 3**

SDG&E CLEAN ENERGY INNOVATIONS Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference ($)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
Capital	CLEAN ENERGY INNOVATIONS	CLEAN ENERGY INNOVATIONS				Yes	3,710	(172)	(176)	(182)	580	35%	-100%	-100%	-100%	35%
Capital	CLEAN ENERGY INNOVATIONS	ADVANCED ENERGY STORAGE	Non-RAMP	Non-RAMP	Non-RAMP	No	3,710	—	—	—	3,710	100%	—%	—%	—%	100%
Capital	**CLEAN ENERGY INNOVATIONS**	**Sub Total ADVANCED ENERGY STORAGE**				**Yes**	**3,710**	**—**	**—**	**—**	**3,710**	**100%**	**—%**	**—%**	**—%**	**100%**
Capital	CLEAN ENERGY INNOVATIONS	BORREGO MICROGRID 3.0	Non-RAMP	Non-RAMP	Non-RAMP	No	(2,008)	—	—	—	(2,008)	100%	—%	—%	—%	100%
Capital	**CLEAN ENERGY INNOVATIONS**	**Sub Total BORREGO MICROGRID 3.0**				**Yes**	**(2,008)**	**—**	**—**	**—**	**(2,008)**	**100%**	**—%**	**—%**	**—%**	**100%**
Capital	CLEAN ENERGY INNOVATIONS	SUSTAINABLE COMMUNITIES REMOVAL	Non-RAMP	Non-RAMP	Non-RAMP	No	58	(172)	(177)	(182)	58	35%	-100%	-100%	-100%	35%
Capital	**CLEAN ENERGY INNOVATIONS**	**Sub Total SUSTAINABLE COMMUNITIES REMOVAL**				**Yes**	**58**	**(172)**	**(177)**	**(182)**	**58**	**35%**	**-100%**	**-100%**	**-100%**	**35%**
Capital	CLEAN ENERGY INNOVATIONS	MOBILE BATTERY ENERGY STORAGE PROGRAM	Non-RAMP	Non-RAMP	Non-RAMP	No	(2,603)	(2,681)	(2,761)	(2,844)	(2,603)	-100%	-100%	-100%	-100%	-100%
Capital	**CLEAN ENERGY INNOVATIONS**	**Sub Total MOBILE BATTERY ENERGY STORAGE PROGRAM**				**Yes**	**(2,603)**	**(2,681)**	**(2,761)**	**(2,844)**	**(2,603)**	**-100%**	**-100%**	**-100%**	**-100%**	**-100%**

SDG&E CLEAN ENERGY INNOVATIONS Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
Capital	CLEAN ENERGY INNOVATIONS	ADVANCED ENERGY STORAGE	Non-RAMP	Non-RAMP	Non-RAMP	No	This project installs a new 7.3MW/14.6MWh energy storage system at the Borrego Microgrid, to support grid reliability and resiliency for the Borrego Springs community. This includes installing new foundations, switchgear, control shelter, step-up transformers, a grounding transformer, a new energy storage system and implementation of the Local Area Distribution Controller (LADC) for microgrid operations. This new battery will participate in the CAISO market-place during normal, non-emergency conditions, and it will have the capability to act as the new island master during microgrid operations. The variety of work activities in the category makes it infeasible to identify a single unit of measurement.																					
Capital	**CLEAN ENERGY INNOVATIONS**	**Sub Total ADVANCED ENERGY STORAGE**				**Yes**																					
Capital	CLEAN ENERGY INNOVATIONS	BORREGO MICROGRID 3.0	Non-RAMP	Non-RAMP	Non-RAMP	No	This project modifies five existing Borrego Springs Microgrid to enable increased load capacity and fully renewable energy operation, reducing the reliance on diesel generators. This includes building a new circuit, new bay position, and developing the land adjacent to the microgrid to accommodate additional distributed energy resources. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																				
Capital	**CLEAN ENERGY INNOVATIONS**	**Sub Total BORREGO MICROGRID 3.0**				**Yes**																					
Capital	CLEAN ENERGY INNOVATIONS	SUSTAINABLE COMMUNITIES REMOVAL	Non-RAMP	Non-RAMP	Non-RAMP	No	Customer Sites Decommissioned	3				3	1				1	2	0	0	0	2	200%	0 %	0 %	0%	200%
Capital	**CLEAN ENERGY INNOVATIONS**	**Sub Total SUSTAINABLE COMMUNITIES REMOVAL**				**Yes**																					
Capital	CLEAN ENERGY INNOVATIONS	MOBILE BATTERY ENERGY STORAGE PROGRAM	Non-RAMP	Non-RAMP	Non-RAMP	No	Mobile Battery Storage Units	—				—	3				3	(3)	0	0	0	(3)	(100)%	0 %	0 %	0 %	(100)%
Capital	**CLEAN ENERGY INNOVATIONS**	**Sub Total MOBILE BATTERY ENERGY STORAGE PROGRAM**				**Yes**																					

SDG&E CLEAN ENERGY INNOVATIONS Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Safety, Reliability, or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status	Status Variance Explanation Required?
Capital	CLEAN ENERGY INNOVATIONS	ADVANCED ENERGY STORAGE	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	Over (O)	Over(O)	Over (O)	Completed	NO
Capital	**CLEAN ENERGY INNOVATIONS**	**Sub Total ADVANCED ENERGY STORAGE**				**Yes**	**YES**	**NO**								**NO**
Capital	CLEAN ENERGY INNOVATIONS	BORREGO MICROGRID 3.0	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	Over (O)	Over(O)	Under (U)	Expanded	NO
Capital	**CLEAN ENERGY INNOVATIONS**	**Sub Total BORREGO MICROGRID 3.0**				**Yes**	**YES**	**NO**								**NO**
Capital	CLEAN ENERGY INNOVATIONS	SUSTAINABLE COMMUNITIES REMOVAL	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	YES	N/A	Del Lago Academy was forecasted to decommission in 2024 at the time of the GRC filing, but ended up renewing their lease. 3 of the sites were decommissioned instead in 2024, including High Tech High, Ladera Ranch and Agua Hedionda. The selection for which sites to decommission is generally driven by risk assessment and customer requirements.	On Target (T)	On Target (T)	On Target (T)	Proceedings Planned	NO
Capital	**CLEAN ENERGY INNOVATIONS**	**Sub Total SUSTAINABLE COMMUNITIES REMOVAL**				**Yes**	**YES**	**NO**								**NO**
Capital	CLEAN ENERGY INNOVATIONS	MOBILE BATTERY ENERGY STORAGE PROGRAM	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	YES	N/A	This program was on hold in 2024 pending GRC funding decision.	Under (U)	Under (U)	Under (U)	Deferred	NO
Capital	**CLEAN ENERGY INNOVATIONS**	**Sub Total MOBILE BATTERY ENERGY STORAGE PROGRAM**				**Yes**	**YES**	**NO**								**YES**

SDG&E CLEAN ENERGY INNOVATIONS Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Status Variance Explanation	WP Activity Description	2024 GRC Testimony Location
Capital	CLEAN ENERGY INNOVATIONS	CLEAN ENERGY INNOVATIONS				Yes			
Capital	CLEAN ENERGY INNOVATIONS	ADVANCED ENERGY STORAGE	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
Capital	**CLEAN ENERGY INNOVATIONS**	**Sub Total ADVANCED ENERGY STORAGE**				**Yes**			
Capital	CLEAN ENERGY INNOVATIONS	BORREGO MICROGRID 3.0	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
Capital	**CLEAN ENERGY INNOVATIONS**	**Sub Total BORREGO MICROGRID 3.0**				**Yes**			
Capital	CLEAN ENERGY INNOVATIONS	SUSTAINABLE COMMUNITIES REMOVAL	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A	Pursuant to D.0 4-12-015, SDG&E opened the Sustainable Community Program to engineer, design, procure, install and maintain community-based energy strategies, state-of-the-art generation and storage technologies, and advanced control devices. As part of the program, SDG&E owns the assets and leases the land from the community. Upon the expiration of a land lease, community members have the option to either extend the lease with SDG&E or choose to have SDG&E remove the asset.	SDG&E-15-R-E FY-25 to FY-26 CWP 20281A
Capital	**CLEAN ENERGY INNOVATIONS**	**Sub Total SUSTAINABLE COMMUNITIES REMOVAL**				**Yes**			
Capital	CLEAN ENERGY INNOVATIONS	MOBILE BATTERY ENERGY STORAGE PROGRAM	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A	Strategic deployment of mobile energy storage systems to support the Company's goal of increasing resiliency and operational flexibility. These mobile energy storage systems will be designed, built and deployed to provide back-up and microgriding capabilities without being limited by its physical location. The technology, along with its use case and benefits, were demonstrated in EPIC 3, Project 7.	SDG&E-15-R-E FY-26 to FY-27 CWP 21 2610
Capital	**CLEAN ENERGY INNOVATIONS**	**Sub Total MOBILE BATTERY ENERGY STORAGE PROGRAM**				**Yes**			

SDG&E GAS DISTRIBUTION Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date ($)
Capital	GAS DISTRIBUTION	GAS DISTRIBUTION				Yes			195,562	—	—	—	195,562	194,074	197,136	111,413	113,723	194,074
Capital	GAS DISTRIBUTION	CATHODIC PROTECTION	Incident Related to the Medium Pressure System (Excluding Dig-in)	Cathodic Protection Program-Capital	HP Supply Line	No	On-going	Annual	274	—	—	—	274	237	244	251	259	237
Capital	GAS DISTRIBUTION	CATHODIC PROTECTION	Incident Related to the Medium Pressure System (Excluding Dig-in)	Cathodic Protection Program-Capital	MP Main Steel	No	On-going	Annual	5,206	—	—	—	5,206	4,157	4,282	4,411	4,543	4,157
Capital	**GAS DISTRIBUTION**	**Sub Total CATHODIC PROTECTION**				**Yes**			**5,480**	—	—	—	**5,480**	**4,394**	**4,526**	**4,662**	**4,802**	**4,394**
Capital	GAS DISTRIBUTION	CATHODIC PROTECTION SYSTEM ENHANCEMENT	Incident Related to the Medium Pressure System (Excluding Dig-in)	Cathodic Protection System Enhancements	HP Supply Line	No	On-going	Annual	91	—	—	—	91	—	—	—	—	—
Capital	GAS DISTRIBUTION	CATHODIC PROTECTION SYSTEM ENHANCEMENT	Incident Related to the Medium Pressure System (Excluding Dig-in)	Cathodic Protection System Enhancements	MP Main Steel	No	On-going	Annual	1,722	—	—	—	1,722	—	—	—	—	—
Capital	**GAS DISTRIBUTION**	**Sub Total CATHODIC PROTECTION SYSTEM ENHANCEMENT**				**Yes**			**1,813**	—	—	—	**1,813**	—	—	—	—	—
Capital	GAS DISTRIBUTION	CNG STATION UPGRADES	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	454	—	—	—	454	—	—	—	—	—
Capital	**GAS DISTRIBUTION**	**Sub Total CNG STATION UPGRADES**				**Yes**			**454**	—	—	—	**454**	—	—	—	—	—
Capital	GAS DISTRIBUTION	CODE COMPLIANCE	Non-RAMP	Non-RAMP	Non-RAMP	No	2	2	—	—	—	—	—	424	437	450	464	424
Capital	GAS DISTRIBUTION	CODE COMPLIANCE	Incident Related to the Medium Pressure System (Excluding Dig-in)	Code Compliance Mitigation	Meter & Beyond the Meter	No	On-going	Annual	5,467	—	—	—	5,467	2,653	2,733	2,815	2,899	2,653
Capital	**GAS DISTRIBUTION**	**Sub Total CODE COMPLIANCE**				**Yes**			**5,467**	—	—	—	**5,467**	**3,077**	**3,170**	**3,265**	**3,363**	**3,077**
Capital	GAS DISTRIBUTION	CONTRACT ADMIN – GAS	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	5,684	—	—	—	5,684	6,561	6,758	6,961	7,169	6,561
Capital	**GAS DISTRIBUTION**	**Sub Total CONTRACT ADMIN – GAS**				**Yes**			**5,684**	—	—	—	**5,684**	**6,561**	**6,758**	**6,961**	**7,169**	**6,561**
Capital	GAS DISTRIBUTION	CURB VALVE REPLACEMENTS	Incident Related to the Medium Pressure System (Excluding Dig-in)	Replace Curb Valves with EFVs	MP Main & Service Plastic	No	On-going	Annual	1,324	—	—	—	1,324	997	1,027	1,058	1,090	997
Capital	**GAS DISTRIBUTION**	**Sub Total CURB VALVE REPLACEMENTS**				**Yes**			**1,324**	—	—	—	**1,324**	**997**	**1,027**	**1,058**	**1,090**	**997**
Capital	GAS DISTRIBUTION	DEPARTMENT OVERHEAD POOL - GAS	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	14627	—	—	—	14627	5,872	6,048	6,229	6,415	5,872
Capital	**GAS DISTRIBUTION**	**Sub Total DEPARTMENT OVERHEAD POOL - GAS**				**Yes**			**14627**	—	—	—	**14627**	**5,872**	**6,048**	**6,229**	**6,415**	**5,872**
Capital	GAS DISTRIBUTION	DISTRIBUTION EASEMENTS	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	7	—	—	—	7	—	—	—	—	—
Capital	**GAS DISTRIBUTION**	**Sub Total DISTRIBUTION EASEMENTS**				**Yes**			**7**	—	—	—	**7**	—	—	—	—	—
Capital	GAS DISTRIBUTION	EARLY VINTAGE PROGRAM - DRESSER MECHANICAL COUPLING REMOVAL	Incident Related to the Medium Pressure System (Excluding Dig-in)	Early Vintage Program- Dresser Mech Coupling Removal	Main Steel	No	On-going	Annual	1,576	—	—	—	1,576	498	513	528	544	498
Capital	**GAS DISTRIBUTION**	**Sub Total EARLY VINTAGE PROGRAM - DRESSER MECHANICAL COUPLING REMOVAL**				**Yes**			**1,576**	—	—	—	**1,576**	**498**	**513**	**528**	**544**	**498**
Capital	GAS DISTRIBUTION	EARLY VINTAGE PROGRAM - OIL DRIP PIPING REMOVAL	Incident Related to the Medium Pressure System (Excluding Dig-in)	Early Vintage Program- Oil Drip Piping Removal	Main Steel	No	On-going	Annual	1,006	—	—	—	1,006	1,495	1,540	1,586	1,634	1,495
Capital	**GAS DISTRIBUTION**	**Sub Total EARLY VINTAGE PROGRAM - OIL DRIP PIPING REMOVAL**				**Yes**			**1,006**	—	—	—	**1,006**	**1,495**	**1,540**	**1,586**	**1,634**	**1,495**
Capital	GAS DISTRIBUTION	EARLY VINTAGE PROGRAM - REMOVAL OF CLOSED VALVES BETWEIN HP/MP ZONES	Incident Related to the Medium Pressure System (Excluding Dig-in)	Early Vintage Program-Remove Closed Valves b/w HP/MP	Main Steel	No	On-going	Annual	633	—	—	—	633	890	917	945	973	890
Capital	**GAS DISTRIBUTION**	**Sub Total EARLY VINTAGE PROGRAM - REMOVAL OF CLOSED VALVES BETWEEN HP/MP ZONES**				**Yes**			**633**	—	—	—	**633**	**890**	**917**	**945**	**973**	**890**

SDG&E GAS DISTRIBUTION Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date ($)
Capital	GAS DISTRIBUTION	GAS OPS CONTROL CENTER PROJ DISTR REG STATION & OTHER	Incident Related to the Medium Pressure System (Excluding Digout)	CCM Distribution Field Asset Real Time Monitoring	N/A	No	Ongoing	Annual	1,935	—	—	—	1,935	3,765	3,878	3,994	4,114	3,765
Capital	**GAS DISTRIBUTION**	**Sub Total GAS OPS CONTROL CENTER PROJ DISTR REG STATION & OTHER**				**Yes**			**1,935**	**—**	**—**	**—**	**1,935**	**3,765**	**3,878**	**3,994**	**4,114**	**3,765**
Capital	GAS DISTRIBUTION	LEAK REPAIR	Incident Related to the Medium Pressure System (Excluding Digout)	Leak Repair (Capital)	MP Main Plastic	No	Ongoing	Annual	6,586	—	—	—	6,586	3,908	4,025	4,146	4,271	3,908
Capital	GAS DISTRIBUTION	LEAK REPAIR	Incident Related to the Medium Pressure System (Excluding Digout)	Leak Repair (Capital)	MP Main Steel	No	Ongoing	Annual	9,880	—	—	—	9,880	6,139	6,323	6,512	6,707	6,139
Capital	**GAS DISTRIBUTION**	**Sub Total LEAK REPAIR**				**Yes**			**16,466**	**—**	**—**	**—**	**16,466**	**10,047**	**10,348**	**10,658**	**10,978**	**10,047**
Capital	GAS DISTRIBUTION	LOCAL ENGINEERING POOL - GAS	Non-RAMP	Non-RAMP	Non-RAMP	No	Ongoing	Annual	22,387	—	—	—	22,387	22,358	23,027	23,718	24,429	22,358
Capital	GAS DISTRIBUTION	LOCAL ENGINEERING POOL - GAS	Incident Related to the Medium Pressure System (Excluding Digout)	Human Factors Mitigations - Gas Handling Plans	N/A	No	Ongoing	Annual	240	—	—	—	240	288	297	306	315	288
Capital	GAS DISTRIBUTION	LOCAL ENGINEERING POOL - GAS	Records Management	GGIS Growth	N/A	No	Ongoing	Annual	—	—	—	—	—	126	130	134	138	126
Capital	GAS DISTRIBUTION	LOCAL ENGINEERING POOL - GAS	Records Management	RAMP: SDG&E-CFF-6, New: Gas Geographic Information System Group	N/A	No	Ongoing	Annual	2,431	—	—	—	2,431	9.09	936	964	993	909
Capital	**GAS DISTRIBUTION**	**Sub Total LOCAL ENGINEERING POOL - GAS**				**Yes**			**25,058**	**—**	**—**	**—**	**25,058**	**23,681**	**24,390**	**25,122**	**25,875**	**23,681**
Capital	GAS DISTRIBUTION	METER AND REGULATOR MATERIALS	Non-RAMP	Non-RAMP	Non-RAMP	No	Ongoing	Annual	10,135	—	—	—	10,135	8,345	8,595	8,853	9,119	8,345
Capital	**GAS DISTRIBUTION**	**Sub Total METER AND REGULATOR MATERIALS**				**Yes**			**10,135**	**—**	**—**	**—**	**10,135**	**8,345**	**8,595**	**8,853**	**9,119**	**8,345**
Capital	GAS DISTRIBUTION	NEW BUSINESS	Non-RAMP	Non-RAMP	Non-RAMP	No	Ongoing	Annual	7,695	—	—	—	7,695	4,754	4,897	5,044	5,195	4,754
Capital	**GAS DISTRIBUTION**	**Sub Total NEW BUSINESS**				**Yes**			**7,695**	**—**	**—**	**—**	**7,695**	**4,754**	**4,897**	**5,044**	**5,195**	**4,754**
Capital	GAS DISTRIBUTION	PIPE RELOCATIONS - FRANCHISE AND FREEWAY	Non-RAMP	Non-RAMP	Non-RAMP	No	Ongoing	Annual	9,239	—	—	—	9,239	5,756	5,929	6,107	6,290	5,756
Capital	**GAS DISTRIBUTION**	**Sub Total PIPE RELOCATIONS - FRANCHISE AND FREEWAY**				**Yes**			**9,239**	**—**	**—**	**—**	**9,239**	**5,756**	**5,929**	**6,107**	**6,290**	**5,756**
Capital	GAS DISTRIBUTION	PIPING IN VAULTS REPLACEMENT PROGRAM	Incident Related to the Medium Pressure System (Excluding Digout)	Piping in Vaults Replacement Program	MP Main Steel	No	Ongoing	Annual	328	—	—	—	328	1,495	1,540	1,586	1,634	1,495
Capital	**GAS DISTRIBUTION**	**Sub Total**				**Yes**			**328**	**—**	**—**	**—**	**328**	**1,495**	**1,540**	**1,586**	**1,634**	**1,495**
Capital	GAS DISTRIBUTION	PRESSURE BETTERMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	Ongoing	Annual	495	—	—	—	495	—	—	—	—	—
Capital	**GAS DISTRIBUTION**	**Sub Total PRESSURE BETTERMENT**				**Yes**			**495**	**—**	**—**	**—**	**495**	**—**	**—**	**—**	**—**	**—**
Capital	GAS DISTRIBUTION	REGULATOR STATION IMPROVEMENTS AND OTHER	Incident Related to the Medium Pressure System (Excluding Digout)	Reg Station Replacement Program	HP Supply Line	No	Ongoing	Annual	1,041	—	—	—	1,041	214	221	227	234	214

SDG&E GAS DISTRIBUTION Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spend the Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Inputted Authorized Cost 2024	Inputted Authorized Cost 2025	Inputted Authorized Cost 2026	Inputted Authorized Cost 2027	Inputted Authorized Cost to Date ($)
Capital	GAS DISTRIBUTION	REGULATOR STATION IMPROVEMENTS AND OTHER	Incident Related to the Medium Pressure System (Excluding Dig-in)	Reg Station Replacement Program	HP-MP Main Steel & Plastic	No	On-going	Annual	2,114	—	—	—	2,114	429	441	455	468	429
Capital	**GAS DISTRIBUTION**	**Sub Total REGULATOR STATION IMPROVEMENTS AND OTHER**				**Yes**			**3,155**	**—**	**—**	**—**	**3,155**	**643**	**662**	**682**	**702**	**643**
Capital	GAS DISTRIBUTION	SYSTEMS MINOR ADDITIONS, RELOCATIONS AND RETIREMENTS	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	7,213	—	—	—	7,213	5,202	5,358	5,519	5,684	5,202
Capital	**GAS DISTRIBUTION**	**Sub Total SYSTEMS MINOR ADDITIONS, RELOCATIONS AND RETIREMENTS**				**Yes**			**7,213**	**—**	**—**	**—**	**7,213**	**5,202**	**5,358**	**5,519**	**5,684**	**5,202**
Capital	GAS DISTRIBUTION	TOOLS AND EQUIPMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	897	—	—	—	897	3,025	3,116	3,210	3,306	3,025
Capital	GAS DISTRIBUTION	TOOLS AND EQUIPMENT	Excavation Damage (Dig-In) on the Gas System	Locating Equipment	MP	No	On-going	Annual	—	—	—	—	—	210	216	223	230	210
Capital	GAS DISTRIBUTION	TOOLS AND EQUIPMENT	Incident Related to the Medium Pressure System (Excluding Dig-in)	Human Factor Mitigations - OpQual Training & Cert	N/A	No	On-going	Annual	151	—	—	—	151	411	423	436	449	411
Capital	**GAS DISTRIBUTION**	**Sub Total TOOLS AND EQUIPMENT**				**Yes**			**1,048**	**—**	**—**	**—**	**1,048**	**3,646**	**3,755**	**3,869**	**3,985**	**3,646**
Capital	GAS DISTRIBUTION	UNDERPERFORMING STEEL REPLACEMENT PROGRAM - OTHER (POST 1965 VINTAGE)	Incident Related to the Medium Pressure System (Excluding Dig-in)	Underperforming Steel Replacement Program - Other Steel (Post- 1965 Vintage)	MP Main Steel	No	On-going	Annual	1,533	—	—	—	1,533	2,990	3,080	3,172	3,267	2,990
Capital	**GAS DISTRIBUTION**	**Sub Total UNDERPERFORMING STEEL REPLACEMENT PROGRAM - OTHER (POST 1965 VINTAGE)**				**Yes**			**1,533**	**—**	**—**	**—**	**1,533**	**2,990**	**3,080**	**3,172**	**3,267**	**2,990**
Capital	GAS DISTRIBUTION	UNDERPERFORMING STEEL REPLACEMENT PROGRAM - THREADED MAIN (PRE-1934 VINTAGE)	Incident Related to the Medium Pressure System (Excluding Dig-in)	Underperforming Steel Replacement Program (Pre-1954 vintage)	MP Main Steel	No	On-going	Annual	8,010	—	—	—	8,010	6,976	7,185	7,401	7,623	6,976
Capital	**GAS DISTRIBUTION**	**Sub Total UNDERPERFORMING STEEL REPLACEMENT PROGRAM - THREADED MAIN (PRE-1934 VINTAGE)**				**Yes**			**8,010**	**—**	**—**	**—**	**8,010**	**6,976**	**7,185**	**7,401**	**7,623**	**6,976**
Capital	GAS DISTRIBUTION	UNDERPERFORMING STEEL REPLACEMENT PROGRAM (1934-1965 VINTAGE)	Incident Related to the Medium Pressure System (Excluding Dig-in)	Underperforming Steel Replacement Program - 1934-1965 Vintage (1956+)	MP Main Steel	No	On-going	Annual	5,182	—	—	—	5,182	2,990	3,080	3,172	3,267	2,990
Capital	**GAS DISTRIBUTION**	**Sub Total UNDERPERFORMING STEEL REPLACEMENT PROGRAM (1934-1965 VINTAGE)**				**Yes**			**5,182**	**—**	**—**	**—**	**5,182**	**2,990**	**3,080**	**3,172**	**3,267**	**2,990**

SDG&E GAS DISTRIBUTION Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	RollUp	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference ($)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
Capital	GAS DISTRIBUTION	GAS DISTRIBUTION				Yes	3,149	(165,196)	(116,613)	(113,553)	37,000	30%	-100%	-100%	-100%	30%
Capital	GAS DISTRIBUTION	CATHODIC PROTECTION	Incident Related to the Medium Pressure System (Excluding Digs)	Cathodic Protection Program - Capital	HP Supply Line	No	37	(244)	(251)	(259)	37	16%	-100%	-100%	-100%	16%
Capital	GAS DISTRIBUTION	CATHODIC PROTECTION	Incident Related to the Medium Pressure System (Excluding Digs)	Cathodic Protection Program - Capital	MP Main Steel	No	1,049	(4,282)	(4,411)	(4,543)	1,049	25%	-100%	-100%	-100%	25%
Capital	**GAS DISTRIBUTION**	**Sub Total CATHODIC PROTECTION**				**Yes**	**1,086**	**(4,526)**	**(4,662)**	**(4,802)**	**1,086**	**25%**	**-100%**	**-100%**	**-100%**	**25%**
Capital	GAS DISTRIBUTION	CATHODIC PROTECTION SYSTEM ENHANCEMENT	Incident Related to the Medium Pressure System (Excluding Digs)	Cathodic Protection System Enhancements	HP Supply Line	No	91	—	—	—	91	100%	—%	—%	—%	100%
Capital	GAS DISTRIBUTION	CATHODIC PROTECTION SYSTEM ENHANCEMENT	Incident Related to the Medium Pressure System (Excluding Digs)	Cathodic Protection System Enhancements	MP Main Steel	No	1,722	—	—	—	1,722	100%	—%	—%	—%	100%
Capital	**GAS DISTRIBUTION**	**Sub Total CATHODIC PROTECTION SYSTEM ENHANCEMENT**				**Yes**	**1,813**	**—**	**—**	**—**	**1,813**	**100%**	**—%**	**—%**	**—%**	**100%**
Capital	GAS DISTRIBUTION	CNG STATION UPGRADES	Non-RAMP	Non-RAMP	Non-RAMP	No	454	—	—	—	454	100%	—%	—%	—%	100%
Capital	**GAS DISTRIBUTION**	**Sub Total CNG STATION UPGRADES**				**Yes**	**454**	**—**	**—**	**—**	**454**	**100%**	**—%**	**—%**	**—%**	**100%**
Capital	GAS DISTRIBUTION	CODE COMPLIANCE	Non-RAMP	Non-RAMP	Non-RAMP	No	(424)	(437)	(450)	(464)	(424)	-100%	-100%	-100%	-100%	-100%
Capital	GAS DISTRIBUTION	CODE COMPLIANCE	Incident Related to the Medium Pressure System (Excluding Digs)	Code Compliance Mitigation	Meter & Beyond the Meter	No	2,814	(2,733)	(2,815)	(2,899)	2,814	106%	-100%	-100%	-100%	106%
Capital	**GAS DISTRIBUTION**	**Sub Total CODE COMPLIANCE**				**Yes**	**2,390**	**(3,170)**	**(3,265)**	**(3,363)**	**2,390**	**78%**	**-100%**	**-100%**	**-100%**	**78%**
Capital	GAS DISTRIBUTION	CONTRACT ADMIN – GAS	Non-RAMP	Non-RAMP	Non-RAMP	No	(877)	(6,758)	(6,961)	(7,169)	(877)	-13%	-100%	-100%	-100%	-13%
Capital	**GAS DISTRIBUTION**	**Sub Total CONTRACT ADMIN – GAS**				**Yes**	**(877)**	**(6,758)**	**(6,961)**	**(7,169)**	**(877)**	**-13%**	**-100%**	**-100%**	**-100%**	**-13%**
Capital	GAS DISTRIBUTION	CURB VALVE REPLACEMENTS	Incident Related to the Medium Pressure System (Excluding Digs)	Replace Curb Valves with EFVs	MP Main & Service Plastic	No	327	(1,027)	(1,058)	(1,090)	327	33%	-100%	-100%	-100%	33%
Capital	**GAS DISTRIBUTION**	**Sub Total CURB VALVE REPLACEMENTS**				**Yes**	**327**	**(1,027)**	**(1,058)**	**(1,090)**	**327**	**33%**	**-100%**	**-100%**	**-100%**	**33%**
Capital	GAS DISTRIBUTION	DEPARTMENT OVERHEAD POOL - GAS	Non-RAMP	Non-RAMP	Non-RAMP	No	8,755	(6,043)	(6,229)	(6,415)	8,755	149%	-100%	-100%	-100%	149%
Capital	**GAS DISTRIBUTION**	**Sub Total DEPARTMENT OVERHEAD POOL - GAS**				**Yes**	**8,755**	**(6,043)**	**(6,229)**	**(6,415)**	**8,755**	**149%**	**-100%**	**-100%**	**-100%**	**149%**
Capital	GAS DISTRIBUTION	DISTRIBUTION EASEMENTS	Non-RAMP	Non-RAMP	Non-RAMP	No	7	—	—	—	7	100%	—%	—%	—%	100%
Capital	**GAS DISTRIBUTION**	**Sub Total DISTRIBUTION EASEMENTS**				**Yes**	**7**	**—**	**—**	**—**	**7**	**100%**	**—%**	**—%**	**—%**	**100%**
Capital	GAS DISTRIBUTION	EARLY VINTAGE PROGRAM - DRESSER MECHANICAL COUPLING REMOVAL	Incident Related to the Medium Pressure System (Excluding Digs)	Early Vintage Program- Dresser Mech Coupling Removal	Main Steel	No	1,078	(513)	(528)	(544)	1,078	216%	-100%	-100%	-100%	216%
Capital	**GAS DISTRIBUTION**	**Sub Total EARLY VINTAGE PROGRAM - DRESSER MECHANICAL COUPLING REMOVAL**				**Yes**	**1,078**	**(513)**	**(528)**	**(544)**	**1,078**	**216%**	**-100%**	**-100%**	**-100%**	**216%**
Capital	GAS DISTRIBUTION	EARLY VINTAGE PROGRAM - OIL DRIP PIPING REMOVAL	Incident Related to the Medium Pressure System (Excluding Digs)	Early Vintage Program- Oil Drip Piping Removal	Main Steel	No	(489)	(1,540)	(1,586)	(1,634)	(489)	-33%	-100%	-100%	-100%	-33%
Capital	**GAS DISTRIBUTION**	**Sub Total EARLY VINTAGE PROGRAM - OIL DRIP PIPING REMOVAL**				**Yes**	**(489)**	**(1,540)**	**(1,586)**	**(1,634)**	**(489)**	**-33%**	**-100%**	**-100%**	**-100%**	**-33%**
Capital	GAS DISTRIBUTION	EARLY VINTAGE PROGRAM - REMOVAL OF CLOSED VALVES BETWEEN HP/MP ZONES	Incident Related to the Medium Pressure System (Excluding Digs)	Early Vintage Program-Remove Closed Valves b/w HP/MP	Main Steel	No	(257)	(917)	(945)	(973)	(257)	-29%	-100%	-100%	-100%	-29%
Capital	**GAS DISTRIBUTION**	**Sub Total EARLY VINTAGE PROGRAM - REMOVAL OF CLOSED VALVES BETWEEN HP/MP ZONES**				**Yes**	**(257)**	**(917)**	**(945)**	**(973)**	**(257)**	**-29%**	**-100%**	**-100%**	**-100%**	**-29%**

SDG&E GAS DISTRIBUTION Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference ($)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
Capital	GAS DISTRIBUTION	GAS OPS CONTROL CENTER PROJ DISTR REG STATION & OTHER	Incident Related to the Medium Pressure System (Excluding Dig-in)	CCM Distribution Field Asset Real Time Monitoring	N/A	No	(1,830)	(3,878)	(3,994)	(4,114)	(1,830)	-49%	-100%	-100%	-100%	-49%
Capital	**GAS DISTRIBUTION**	**Sub Total GAS OPS CONTROL CENTER PROJ DISTR REG STATION & OTHER**				**Yes**	**(1,830)**	**(3,878)**	**(3,994)**	**(4,114)**	**(1,830)**	**-49%**	**-100%**	**-100%**	**-100%**	**-49%**
Capital	GAS DISTRIBUTION	LEAK REPAIR	Incident Related to the Medium Pressure System (Excluding Dig-in)	Leak Repair (Capital)	MP Main Plastic	No	2,678	(4,025)	(4,146)	(4,271)	2,678	6.9%	-100%	-100%	-100%	69%
Capital	GAS DISTRIBUTION	LEAK REPAIR	Incident Related to the Medium Pressure System (Excluding Dig-in)	Leak Repair (Capital)	MP Main Steel	No	3,741	(6,323)	(6,512)	(6,707)	3,741	6.1%	-100%	-100%	-100%	61%
Capital	**GAS DISTRIBUTION**	**Sub Total LEAK REPAIR**				**Yes**	**6,419**	**(10,348)**	**(10,658)**	**(10,978)**	**6,419**	**64%**	**-100%**	**-100%**	**-100%**	**64%**
Capital	GAS DISTRIBUTION	LOCAL ENGINEERING POOL - GAS	Non-RAMP	Non-RAMP	Non-RAMP	No	29	(23,027)	(23,718)	(24,429)	29	0%	-100%	-100%	-100%	0%
Capital	GAS DISTRIBUTION	LOCAL ENGINEERING POOL - GAS	Incident Related to the Medium Pressure System (Excluding Dig-in)	Human Factors Mitigations - Gas Handling Plans	N/A	No	(48)	(297)	(306)	(315)	(48)	-1.7%	-100%	-100%	-100%	-17%
Capital	GAS DISTRIBUTION	LOCAL ENGINEERING POOL - GAS	Records Management	GGIS Growth	N/A	No	(126)	(130)	(134)	(138)	(126)	-100%	-100%	-100%	-100%	-100%
Capital	GAS DISTRIBUTION	LOCAL ENGINEERING POOL - GAS	Records Management	RAMP: SDG&E-CFF-6, New: Gas Geographic Information System Group	N/A	No	1,522	(936)	(964)	(993)	1,522	167%	-100%	-100%	-100%	167%
Capital	**GAS DISTRIBUTION**	**Sub Total LOCAL ENGINEERING POOL - GAS**				**Yes**	**1,377**	**(24,390)**	**(25,122)**	**(25,875)**	**1,377**	**6%**	**-100%**	**-100%**	**-100%**	**6%**
Capital	GAS DISTRIBUTION	METER AND REGULATOR MATERIALS	Non-RAMP	Non-RAMP	Non-RAMP	No	1,790	(8,595)	(8,853)	(9,119)	1,790	21%	-100%	-100%	-100%	21%
Capital	**GAS DISTRIBUTION**	**Sub Total METER AND REGULATOR MATERIALS**				**Yes**	**1,790**	**(8,595)**	**(8,853)**	**(9,119)**	**1,790**	**21%**	**-100%**	**-100%**	**-100%**	**21%**
Capital	GAS DISTRIBUTION	NEW BUSINESS	Non-RAMP	Non-RAMP	Non-RAMP	No	2,941	(4,897)	(5,044)	(5,195)	2,941	6.2%	-100%	-100%	-100%	62%
Capital	**GAS DISTRIBUTION**	**Sub Total NEW BUSINESS**				**Yes**	**2,941**	**(4,897)**	**(5,044)**	**(5,195)**	**2,941**	**62%**	**-100%**	**-100%**	**-100%**	**62%**
Capital	GAS DISTRIBUTION	PIPE RELOCATIONS - FRANCHISE AND FREEWAY	Non-RAMP	Non-RAMP	Non-RAMP	No	3,483	(5,929)	(6,107)	(6,290)	3,483	6.1%	-100%	-100%	-100%	61%
Capital	**GAS DISTRIBUTION**	**Sub Total PIPE RELOCATIONS - FRANCHISE AND FREEWAY**				**Yes**	**3,483**	**(5,929)**	**(6,107)**	**(6,290)**	**3,483**	**61%**	**-100%**	**-100%**	**-100%**	**61%**
Capital	GAS DISTRIBUTION	PIPING IN VAULTS REPLACEMENT PROGRAM	Incident Related to the Medium Pressure System (Excluding Dig-in)	Piping in Vaults Replacement Program	MP Main Steel	No	(1,167)	(1,540)	(1,586)	(1,634)	(1,167)	-78%	-100%	-100%	-100%	-78%
Capital	**GAS DISTRIBUTION**	**Sub Total**				**Yes**	**(1,167)**	**(1,540)**	**(1,586)**	**(1,634)**	**(1,167)**	**-78%**	**-100%**	**-100%**	**-100%**	**-78%**
Capital	GAS DISTRIBUTION	PRESSURE BETTERMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	495	---	---	---	495	100%	--%	--%	--%	100%
Capital	**GAS DISTRIBUTION**	**Sub Total PRESSURE BETTERMENT**				**Yes**	**495**	**---**	**---**	**---**	**495**	**100%**	**--%**	**--%**	**--%**	**100%**
Capital	GAS DISTRIBUTION	REGULATOR STATION IMPROVEMENTS AND OTHER	Incident Related to the Medium Pressure System (Excluding Dig-in)	Reg Station Replacement Program	HP Supply Line	No	827	(221)	(227)	(234)	827	387%	-100%	-100%	-100%	387%

SDG&E GAS DISTRIBUTION Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spend tire Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference ($)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
Capital	GAS DISTRIBUTION	REGULATOR STATION IMPROVEMENTS AND OTHER	Incident Related to the Medium Pressure System (Excluding Dig-in)	Reg Station Replacement Program	HP-MP Main Steel & Plastic	No	1,685	(441)	(455)	(468)	1,685	393%	-100%	-100%	-100%	393%
Capital	**GAS DISTRIBUTION**	**Sub Total REGULATOR STATION IMPROVEMENTS AND OTHER**				**Yes**	**2,512**	**(662)**	**(682)**	**(703)**	**2,512**	**391%**	**-100%**	**-100%**	**-100%**	**391%**
Capital	GAS DISTRIBUTION	SYSTEMS MINOR ADDITIONS, RELOCATIONS AND RETIREMENTS	Non-RAMP	Non-RAMP	Non-RAMP	No	2,011	(5,358)	(5,519)	(5,684)	2,011	39%	-100%	-100%	-100%	39%
Capital	**GAS DISTRIBUTION**	**Sub Total SYSTEMS MINOR ADDITIONS, RELOCATIONS AND RETIREMENTS**				**Yes**	**2,011**	**(5,358)**	**(5,519)**	**(5,684)**	**2,011**	**39%**	**-100%**	**-100%**	**-100%**	**39%**
Capital	GAS DISTRIBUTION	TOOLS AND EQUIPMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	(2,128)	(3,116)	(3,210)	(3,306)	(2,128)	-70%	-100%	-100%	-100%	-70%
Capital	GAS DISTRIBUTION	TOOLS AND EQUIPMENT	Excavation Damage (Dig-In) on the Gas System	Locating Equipment	MP	No	(210)	(216)	(223)	(230)	(210)	-100%	-100%	-100%	-100%	-100%
Capital	GAS DISTRIBUTION	TOOLS AND EQUIPMENT	Incident Related to the Medium Pressure System (Excluding Dig-in)	Human Factor Mitigations - OpQual Training & Cert	N/A	No	(260)	(423)	(436)	(449)	(260)	-63%	-100%	-100%	-100%	-63%
Capital	**GAS DISTRIBUTION**	**Sub Total TOOLS AND EQUIPMENT**				**Yes**	**(2,598)**	**(3,755)**	**(3,869)**	**(3,985)**	**(2,598)**	**-71%**	**-100%**	**-100%**	**-100%**	**-71%**
Capital	GAS DISTRIBUTION	UNDERPERFORMING STEEL REPLACEMENT PROGRAM - OTHER (POST 1965 VINTAGE)	Incident Related to the Medium Pressure System (Excluding Dig-in)	Underperforming Steel Replacement Program - Other Steel (Post- 1965 Vintage)	MP Main Steel	No	(1,457)	(3,080)	(3,172)	(3,267)	(1,457)	-49%	-100%	-100%	-100%	-49%
Capital	**GAS DISTRIBUTION**	**Sub Total UNDERPERFORMING STEEL REPLACEMENT PROGRAM - OTHER (POST 1965 VINTAGE)**				**Yes**	**(1,457)**	**(3,080)**	**(3,172)**	**(3,267)**	**(1,457)**	**-49%**	**-100%**	**-100%**	**-100%**	**-49%**
Capital	GAS DISTRIBUTION	UNDERPERFORMING STEEL REPLACEMENT PROGRAM - THREADED MAIN (PRE-1934 VINTAGE)	Incident Related to the Medium Pressure System (Excluding Dig-in)	Underperforming Steel Replacement Program (Pre-1934 vintage)	MP Main Steel	No	1,034	(7,185)	(7,401)	(7,623)	1,034	15%	-100%	-100%	-100%	15%
Capital	**GAS DISTRIBUTION**	**Sub Total UNDERPERFORMING STEEL REPLACEMENT PROGRAM - THREADED MAIN (PRE-1934 VINTAGE)**				**Yes**	**1,034**	**(7,185)**	**(7,401)**	**(7,623)**	**1,034**	**15%**	**-100%**	**-100%**	**-100%**	**15%**
Capital	GAS DISTRIBUTION	UNDERPERFORMING STEEL REPLACEMENT PROGRAM (1934-1965 VINTAGE)	Incident Related to the Medium Pressure System (Excluding Dig-in)	Underperforming Steel Replacement Program - 1934-1965 Vintage (1956+)	MP Main Steel	No	2,192	(3,080)	(3,172)	(3,267)	2,192	73%	-100%	-100%	-100%	73%
Capital	**GAS DISTRIBUTION**	**Sub Total UNDERPERFORMING STEEL REPLACEMENT PROGRAM (1934-1965 VINTAGE)**				**Yes**	**2,192**	**(3,080)**	**(3,172)**	**(3,267)**	**2,192**	**73%**	**-100%**	**-100%**	**-100%**	**73%**

SDG&E GAS DISTRIBUTION Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	RollUp	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
Capital	GAS DISTRIBUTION	GAS DISTRIBUTION				Yes																					
Capital	GAS DISTRIBUTION	CATHODIC PROTECTION	Incident Related to the Medium Pressure System (Excluding Dig-in)	Cathodic Protection Program-Capital	HP Supply Line	No	Deep well anode beds	3				3	3				3	0	0	0	0	—	0 %	0 %	0 %	0 %	0 %
Capital	GAS DISTRIBUTION	CATHODIC PROTECTION	Incident Related to the Medium Pressure System (Excluding Dig-in)	Cathodic Protection Program-Capital	MP Main Steel	No	Deep well anode beds	20				20	42				42	(22)	0	0	0	(22)	(52)%	0 %	0 %	0 %	(52)%
Capital	**GAS DISTRIBUTION**	**Sub Total CATHODIC PROTECTION**				**Yes**																					
Capital	GAS DISTRIBUTION	CATHODIC PROTECTION SYSTEM ENHANCEMENT	Incident Related to the Medium Pressure System (Excluding Dig-in)	Cathodic Protection System Enhancements	HP Supply Line	No	Projects	1				1	0				—	1	0	0	0	1	100 %	0 %	0 %	0 %	100 %
Capital	GAS DISTRIBUTION	CATHODIC PROTECTION SYSTEM ENHANCEMENT	Incident Related to the Medium Pressure System (Excluding Dig-in)	Cathodic Protection System Enhancements	MP Main Steel	No	Projects	49				49	0				—	49	0	0	0	49	100 %	0 %	0 %	0 %	100 %
Capital	**GAS DISTRIBUTION**	**Sub Total CATHODIC PROTECTION SYSTEM ENHANCEMENT**				**Yes**																					
Capital	GAS DISTRIBUTION	CNG STATION UPGRADES	Non-RAMP	Non-RAMP	Non-RAMP	No	Compressed Natural Gas Stations	2				2	0				—	2	0	0	0	2	100 %	0 %	0 %	0 %	100 %
Capital	**GAS DISTRIBUTION**	**Sub Total CNG STATION UPGRADES**				**Yes**																					
Capital	GAS DISTRIBUTION	CODE COMPLIANCE	Non-RAMP	Non-RAMP	Non-RAMP	No	Projects	—				—	100				100	(100)	0	0	0	(100)	(100)%	0 %	0 %	0 %	(100)%
Capital	GAS DISTRIBUTION	CODE COMPLIANCE	Incident Related to the Medium Pressure System (Excluding Dig-in)	Code Compliance Mitigation	Meter & Beyond the Meter	No	Projects	4,530				4,530	1,481				1,481	3,049	0	0	0	3,049	206 %	0 %	0 %	0 %	206 %
Capital	**GAS DISTRIBUTION**	**Sub Total CODE COMPLIANCE**				**Yes**																					
Capital	GAS DISTRIBUTION	CONTRACT ADMIN – GAS	Non-RAMP	Non-RAMP	Non-RAMP	No	This activity included in this non-RAMP Contract Administration (CA) pool consists of those expenses necessary for the administration of projects that are performed by contractors for SDG&E. The expenses in this pool consist of labor for Contract Administrators and support personnel, as well as the associated non-labor support costs such as office and field supplies. This pool includes the costs that will be allocated to contracted work. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																	
Capital	**GAS DISTRIBUTION**	**Sub Total CONTRACT ADMIN – GAS**				**Yes**																					
Capital	GAS DISTRIBUTION	CURB VALVE REPLACEMENTS	Incident Related to the Medium Pressure System (Excluding Dig-in)	Replace Curb Valves with EFVs	MP Main & Service Plastic	No	Projects	17				17	67				67	(50)	0	0	0	(50)	(75)%	0 %	0 %	0 %	(75)%
Capital	**GAS DISTRIBUTION**	**Sub Total CURB VALVE REPLACEMENTS**				**Yes**																					
Capital	GAS DISTRIBUTION	DEPARTMENT OVERHEAD POOL - GAS	Non-RAMP	Non-RAMP	Non-RAMP	No	The activities included in this non-RAMP Department Overhead pool consists of expenses for supervision and administration of gas crews in the SDG&E Construction and Operation (C&O) districts. Department Overhead is charged for expenses that are not attributable to one particular project, but benefit many projects, or the Construction and Operation (C&O) districts as a whole. Certain costs are incurred by capital projects that originate from central activities, which are subsequently distributed to these capital projects. These central activity costs are also called "pooled" or "overhead" costs. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																	
Capital	**GAS DISTRIBUTION**	**Sub Total DEPARTMENT OVERHEAD POOL - GAS**				**Yes**																					
Capital	GAS DISTRIBUTION	DISTRIBUTION EASEMENTS	Non-RAMP	Non-RAMP	Non-RAMP	No	This activity involves work required to perform necessary surveys and mapping functions, document research, document preparation, and negotiations for the acquisition of easements to allow the installation of gas distribution facilities on private property or public lands. The variety of work activities in this category makes it infeasible to identify a single unit of measure.																	
Capital	**GAS DISTRIBUTION**	**Sub Total DISTRIBUTION EASEMENTS**				**Yes**																					
Capital	GAS DISTRIBUTION	EARLY VINTAGE PROGRAM - DRESSER MECHANICAL COUPLING REMOVAL	Incident Related to the Medium Pressure System (Excluding Dig-in)	Early Vintage Program- Dresser Mech Coupling Removal	Main Steel	No	Projects	4				4	4				4	0	0	0	0	—	0 %	0 %	0 %	0 %	0 %
Capital	**GAS DISTRIBUTION**	**Sub Total EARLY VINTAGE PROGRAM - DRESSER MECHANICAL COUPLING REMOVAL**				**Yes**																					
Capital	GAS DISTRIBUTION	EARLY VINTAGE PROGRAM - OIL DRIP PIPING REMOVAL	Incident Related to the Medium Pressure System (Excluding Dig-in)	Early Vintage Program- Oil Drip Piping Removal	Main Steel	No	Projects	3				3	12				12	(9)	0	0	0	(9)	(75)%	0 %	0 %	0 %	(75)%
Capital	**GAS DISTRIBUTION**	**Sub Total EARLY VINTAGE PROGRAM - OIL DRIP PIPING REMOVAL**				**Yes**																					
Capital	GAS DISTRIBUTION	EARLY VINTAGE PROGRAM - REMOVAL OF CLOSED VALVES BETWEEN HP/MP ZONES	Incident Related to the Medium Pressure System (Excluding Dig-in)	Early Vintage Program-Remove Closed Valves b/w HP/MP	Main Steel	No	Projects	1				1	6				6	(5)	0	0	0	(5)	(83)%	0 %	0 %	0 %	(83)%
Capital	**GAS DISTRIBUTION**	**Sub Total EARLY VINTAGE PROGRAM - REMOVAL OF CLOSED VALVES BETWEEN HP/MP ZONES**				**Yes**																					

SDG&E GAS DISTRIBUTION Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Transfer	Rollup	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
Capital	GAS DISTRIBUTION	GAS OPS CONTROL CENTER PROJ DISTR REG STATION & OTHER	Incident Related to the Medium Pressure System (Excluding Dig-in)	CCM Distribution Field Asset Real Time Monitoring	N/A	No	Supervisory control and data acquisition monitored sites	—	—	—	—	—	3	—	—	—	3	(3)	0	0	0	(3)	(100.0)%	0 %	0 %	0 %	(100.0)%
Capital	**GAS DISTRIBUTION**	**Sub Total GAS OPS CONTROL CENTER PROJ DISTR REG STATION & OTHER**				**Yes**																					
Capital	GAS DISTRIBUTION	LEAK REPAIR	Incident Related to the Medium Pressure System (Excluding Dig-in)	Leak Repair (Capital)	MP Main Plastic	No	Projects MP Plastic	184	—	—	—	184	238	—	—	—	238	(54)	0	0	0	(54)	(23.0)%	0 %	0 %	0 %	(23.0)%
Capital	GAS DISTRIBUTION	LEAK REPAIR	Incident Related to the Medium Pressure System (Excluding Dig-in)	Leak Repair (Capital)	MP Main Steel	No	Projects MP Steel	289	—	—	—	289	374	—	—	—	374	(85)	0	0	0	(85)	(23.0)%	0 %	0 %	0 %	(23.0)%
Capital	**GAS DISTRIBUTION**	**Sub Total LEAK REPAIR**				**Yes**																					
Capital	GAS DISTRIBUTION	LOCAL ENGINEERING POOL - GAS	Non-RAMP	Non-RAMP	Non-RAMP	No	This activity includes non-RAMP related work performed by both company employees and contracted personnel based on availability and skill sets required of each project's scope of work. The type of work includes project management, engineering, design, and drafting cost for both internal and external resources to support capital investment. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																	
Capital	GAS DISTRIBUTION	LOCAL ENGINEERING POOL - GAS	Incident Related to the Medium Pressure System (Excluding Dig-in)	Human Factors Mitigations - Gas Handling Plans	N/A	No	Gas handling plans	202	—	—	—	202	439	—	—	—	439	(237)	0	0	0	(237)	(47.7)%	0 %	0 %	0 %	(47.7)%
Capital	GAS DISTRIBUTION	LOCAL ENGINEERING POOL - GAS	Records Management	GGIS Growth	N/A	No	FTE	—	—	—	—	—	2	—	—	—	2	(2)	0	0	0	(2)	(100.0)%	0 %	0 %	0 %	(100.0)%
Capital	GAS DISTRIBUTION	LOCAL ENGINEERING POOL - GAS	Records Management	RAMP: SDG&E-CFF-6, New: Gas Geographic Information System Group	N/A	No	Reconciled work orders	3,366	—	—	—	3,366	2,901	—	—	—	2,901	465	0	0	0	465	16 %	0 %	0 %	0 %	16 %
Capital	**GAS DISTRIBUTION**	**Sub Total LOCAL ENGINEERING POOL - GAS**				**Yes**																					
Capital	GAS DISTRIBUTION	METER AND REGULATOR MATERIALS	Non-RAMP	Non-RAMP	Non-RAMP	No	Meters and regulators	79,658	—	—	—	79,658	104,688	—	—	—	104,688	(25,030)	0	0	0	(25,030)	(24.0)%	0 %	0 %	0 %	(24.0)%
Capital	**GAS DISTRIBUTION**	**Sub Total METER AND REGULATOR MATERIALS**				**Yes**																					
Capital	GAS DISTRIBUTION	NEW BUSINESS	Non-RAMP	Non-RAMP	Non-RAMP	No	The variety and scope of work for each new business (customer-driven gas service) project makes it infeasible to identify a single imputed authorized unit of measure. The number and timing of new pipeline projects is based on factors outside the control of SDG&E. The variety of work activities in this category makes it infeasible to identify a single unit of measure.																	
Capital	**GAS DISTRIBUTION**	**Sub Total NEW BUSINESS**				**Yes**																					
Capital	GAS DISTRIBUTION	PIPE RELOCATIONS - FRANCHISE AND FREEWAY	Non-RAMP	Non-RAMP	Non-RAMP	No	Projects	25	—	—	—	25	48	—	—	—	48	(23)	0	0	0	(23)	(48.0)%	0 %	0 %	0 %	(48.0)%
Capital	**GAS DISTRIBUTION**	**Sub Total PIPE RELOCATIONS - FRANCHISE AND FREEWAY**				**Yes**																					
Capital	GAS DISTRIBUTION	PIPING IN VAULTS REPLACEMENT PROGRAM	Incident Related to the Medium Pressure System (Excluding Dig-in)	Piping in Vaults Replacement Program	MP Main Steel	No	Projects	1	—	—	—	1	8	—	—	—	8	(7)	0	0	0	(7)	(88.0)%	0 %	0 %	0 %	(88.0)%
Capital	**GAS DISTRIBUTION**	**Sub Total**				**Yes**																					
Capital	GAS DISTRIBUTION	PRESSURE BETTERMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	Projects	1	—	—	—	1	0	—	—	—	—	1	0	0	0	1	100 %	0 %	0 %	0 %	100 %
Capital	**GAS DISTRIBUTION**	**Sub Total PRESSURE BETTERMENT**				**Yes**																					
Capital	GAS DISTRIBUTION	REGULATOR STATION IMPROVEMENTS AND OTHER	Incident Related to the Medium Pressure System (Excluding Dig-in)	Reg Station Replacement Program	HP Supply Line	No	Projects	1	—	—	—	1	0	—	—	—	—	1	0	0	0	1	100 %	0 %	0 %	0 %	100 %

SDG&E GAS DISTRIBUTION Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spend or Circuit)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
Capital	GAS DISTRIBUTION	REGULATOR STATION IMPROVEMENTS AND OTHER	Incident Related to the Medium Pressure System (Excluding Dig-in)	Reg Station Replacement Program	HP-MP Main Steel & Plastic	No	Projects	2				2	1				1	1	0	0	0	1	100 %	0 %	0 %	0 %	100 %
Capital	**GAS DISTRIBUTION**	**Sub Total REGULATOR STATION IMPROVEMENTS AND OTHER**				**Yes**																					
Capital	GAS DISTRIBUTION	SYSTEMS MINOR ADDITIONS, RELOCATIONS AND RETIREMENTS	Non-RAMP	Non-RAMP	Non-RAMP	No	Projects	46				46	The variety and scope of work for each system addition, relocation, or retirement (customer-driven) project makes it infeasible to identify a single imputed authorized unit. The number and timing of addition, relocation, or retirements are based on factors outside the control of SDG&E.				--				--		0 %	0 %	0 %	100 %
Capital	**GAS DISTRIBUTION**	**Sub Total SYSTEMS MINOR ADDITIONS, RELOCATIONS AND RETIREMENTS**				**Yes**																					
Capital	GAS DISTRIBUTION	TOOLS AND EQUIPMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	Tools ordered	12				12	The need for tools and equipment is influenced by the age and condition of the tools, technology, ergonomics, and changes in company gas standards and procedures, which make it infeasible to identify a single imputed authorized unit.				--				--		0 %	0 %	0 %	100 %
Capital	GAS DISTRIBUTION	TOOLS AND EQUIPMENT	Excavation Damage (Dig-In) to the Gas System	Locating Equipment	MP	No	Mobile docking terminals	--				--	43				43	(43)	0	0	0	(43)	(100.0)%	0 %	0 %	0 %	(100.0)%
Capital	GAS DISTRIBUTION	TOOLS AND EQUIPMENT	Incident Related to the Medium Pressure System (Excluding Dig-in)	Human Factor Mitigations - OpQual Training & Cert	N/A	No	Employee/contractors trained on an operator qualified task	899				899	696				696	203	0	0	0	203	29 %	0 %	0 %	0 %	29 %
Capital	**GAS DISTRIBUTION**	**Sub Total TOOLS AND EQUIPMENT**				**Yes**																					
Capital	GAS DISTRIBUTION	UNDERPERFORMING STEEL REPLACEMENT PROGRAM - OTHER (POST 1965 VINTAGE)	Incident Related to the Medium Pressure System (Excluding Dig-in)	Underperforming Steel Replacement Program - Other Steel (Post- 1965 Vintage)	MP Main Steel	No	Feet	6,653				6,653	18,760				18,750	(12,097)	0	0	0	(12,097)	(65)%	0 %	0 %	0 %	(65)%
Capital	**GAS DISTRIBUTION**	**Sub Total UNDERPERFORMING STEEL REPLACEMENT PROGRAM - OTHER (POST 1965 VINTAGE)**				**Yes**																					
Capital	GAS DISTRIBUTION	UNDERPERFORMING STEEL REPLACEMENT PROGRAM - THREADED MAIN (PRE-1934 VINTAGE)	Incident Related to the Medium Pressure System (Excluding Dig-in)	Underperforming Steel Replacement Program (Pre-1954 vintage)	MP Main Steel	No	Feet	28,618				28,618	21,875				21,875	6,743	0	0	0	6,743	31 %	0 %	0 %	0 %	31 %
Capital	**GAS DISTRIBUTION**	**Sub Total UNDERPERFORMING STEEL REPLACEMENT PROGRAM - THREADED MAIN (PRE-1934 VINTAGE)**				**Yes**																					
Capital	GAS DISTRIBUTION	UNDERPERFORMING STEEL REPLACEMENT PROGRAM (1934-1965 VINTAGE)	Incident Related to the Medium Pressure System (Excluding Dig-in)	Underperforming Steel Replacement Program - 1934-1965 Vintage (1956+)	MP Main Steel	No	Feet	20,222				20,222	11,111				11,111	9,111	0	0	0	9,111	82 %	0 %	0 %	0 %	82 %
Capital	**GAS DISTRIBUTION**	**Sub Total UNDERPERFORMING STEEL REPLACEMENT PROGRAM (1934-1965 VINTAGE)**				**Yes**																					

SDG&E GAS DISTRIBUTION Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	ReSup	Safety, Reliability, or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status	Status Variance Explanation Required?
Capital	GAS DISTRIBUTION	GAS DISTRIBUTION				Yes										
Capital	GAS DISTRIBUTION	CATHODIC PROTECTION	Incident Related to the Medium Pressure System (Excluding Digs-in)	Cathodic Protection Program-Capital	HP Supply Line	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	GAS DISTRIBUTION	CATHODIC PROTECTION	Incident Related to the Medium Pressure System (Excluding Digs-in)	Cathodic Protection Program-Capital	MP Main Steel	No	YES	YES	YES	The cost and unit variance associated with this workpaper were attributed to several key factors. The vendor performing this activity ceased to operate in the beginning of 2024. New vendor options were extremely limited and significantly more expensive than what was forecasted in 2022 for the 2024 GRC. Several deep well anode jobs had increased costs due to hard soil which added additional days to the drilling operation.	The cost and unit variance associated with this workpaper were attributed to several key factors. The vendor performing this activity ceased to operate in the beginning of 2024. New vendor options were extremely limited and significantly more expensive than what was forecasted in 2022 for the 2024 GRC. Several deep well anode jobs had increased costs due to hard soil, which added additional days to the drilling operation.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	**GAS DISTRIBUTION**	**Sub Total CATHODIC PROTECTION**				**Yes**	**YES**	**YES**								**NO**
Capital	GAS DISTRIBUTION	CATHODIC PROTECTION SYSTEM ENHANCEMENT	Incident Related to the Medium Pressure System (Excluding Digs-in)	Cathodic Protection System Enhancements	HP Supply Line	No	YES	NO	YES	N/A	The variance is associated with project work completed before the GRC Decision was issued in December 2024 and the Decision ultimately did not authorize all forecasted projects.	Over (O)	Over (O)	Over (O)	Proceeding as Planned	NO
Capital	GAS DISTRIBUTION	CATHODIC PROTECTION SYSTEM ENHANCEMENT	Incident Related to the Medium Pressure System (Excluding Digs-in)	Cathodic Protection System Enhancements	MP Main Steel	No	YES	YES	YES	The variance is associated with project work completed before the GRC Decision was issued in December 2024 and the Decision ultimately did not authorize all forecasted projects.	The variance is associated with project work completed before the GRC Decision was issued in December 2024 and the Decision ultimately did not authorize all forecasted projects.	Over (O)	Over (O)	Over (O)	Proceeding as Planned	NO
Capital	**GAS DISTRIBUTION**	**Sub Total CATHODIC PROTECTION SYSTEM ENHANCEMENT**				**Yes**	**YES**	**YES**								**NO**
Capital	GAS DISTRIBUTION	CNG STATION UPGRADES	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	YES	N/A	The variance is associated with project work completed before the GRC Decision was issued in December 2024 and the Decision ultimately did not authorize all forecasted projects.	Over (O)	Over (O)	Over (O)	Proceeding as Planned	NO
Capital	**GAS DISTRIBUTION**	**Sub Total CNG STATION UPGRADES**				**Yes**	**YES**	**NO**								**NO**
Capital	GAS DISTRIBUTION	CODE COMPLIANCE	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	YES	N/A	The variance is due to this non-RAMP activity being completed in 2023.	On Target (T)	On Target (T)	On Target (T)	Completed	YES
Capital	GAS DISTRIBUTION	CODE COMPLIANCE	Incident Related to the Medium Pressure System (Excluding Digs-in)	Code Compliance Mitigation	Meter & Beyond the Meter	No	YES	YES	YES	The variance is attributed to reprioritizing money towards the installation of barrier posts around meter set assemblies that are vulnerable to vehicular contact. SDG&E is prioritizing these installations to reduce the risk to the gas system as economic growth and building (like remodels) has increased the exposure of meters to vehicular contact.	The variance is attributed to reprioritizing money towards the installation of barrier posts around meter set assemblies that are vulnerable to vehicular contact. SDG&E is prioritizing these installations to reduce the risk to the gas system as economic growth and building (like remodels) has increased the exposure of meters to vehicular contact.	Over (O)	Over (O)	Over (O)	Expended	NO
Capital	**GAS DISTRIBUTION**	**Sub Total CODE COMPLIANCE**				**Yes**	**YES**	**YES**								**NO**
Capital	GAS DISTRIBUTION	CONTRACT ADMIN – GAS	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	**GAS DISTRIBUTION**	**Sub Total CONTRACT ADMIN – GAS**				**Yes**	**YES**	**NO**								**NO**
Capital	GAS DISTRIBUTION	CURB VALVE REPLACEMENTS	Incident Related to the Medium Pressure System (Excluding Digs-in)	Replace Curb Valves with EFVs	MP Main & Service Plastic	No	YES	NO	YES	N/A	This variance is attributed to higher than forecasted costs per unit. The higher cost per unit is associated with increases in costs for supplies and materials and additional restoration requirements by the municipalities.	On Target (T)	Under (U)	Over (O)	Proceeding as Planned	NO
Capital	**GAS DISTRIBUTION**	**Sub Total CURB VALVE REPLACEMENTS**				**Yes**	**YES**	**NO**								**NO**
Capital	GAS DISTRIBUTION	DEPARTMENT OVERHEAD POOL - GAS	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	YES	NO	This variance is attributed to an increase in capital work being performed by internal gas construction crews versus completed by contract crews. This can be seen by the decrease in the Contractor Administration Pool workpaper in 2024 as well as the decrease in O&M compared to what was forecasted for both areas in 2024.	N/A	On Target (T)	On Target (T)	Over (O)	Proceeding as Planned	NO
Capital	**GAS DISTRIBUTION**	**Sub Total DEPARTMENT OVERHEAD POOL - GAS**				**Yes**	**YES**	**YES**								**NO**
Capital	GAS DISTRIBUTION	DISTRIBUTION EASEMENTS	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	**GAS DISTRIBUTION**	**Sub Total DISTRIBUTION EASEMENTS**				**Yes**	**YES**	**NO**								**NO**
Capital	GAS DISTRIBUTION	EARLY VINTAGE PROGRAM - DRESSER MECHANICAL COUPLING REMOVAL	Incident Related to the Medium Pressure System (Excluding Digs-in)	Early Vintage Program- Dresser Mech Coupling Removal	Main Steel	No	YES	YES	NO	In 2024, SDG&E started to manage the three steel replacement programs, and 4 component programs (dresser coupling removal, oil drip removal, piping in vaults removal and HP/MP block valve removal component) holistically as a single program to address the highest risks across the system first and to gain efficiencies when addressing risk. The decision to combine these workpapers together allows SDG&E to pinpoint and remove gas facilities based on total overall risk to the system.	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	**GAS DISTRIBUTION**	**Sub Total EARLY VINTAGE PROGRAM - DRESSER MECHANICAL COUPLING REMOVAL**				**Yes**	**YES**	**YES**								**NO**
Capital	GAS DISTRIBUTION	EARLY VINTAGE PROGRAM - OIL DRIP PIPING REMOVAL	Incident Related to the Medium Pressure System (Excluding Digs-in)	Early Vintage Program- Oil Drip Piping Removal	Main Steel	No	YES	NO	YES	N/A	In 2024, SDG&E started to manage the three steel replacement programs, and 4 component programs (dresser coupling removal, oil drip removal, piping in vaults removal and HP/MP block valve removal component) holistically as a single program to address the highest risks across the system first and to gain efficiencies when addressing risk. The decision to combine these workpapers together allows SDG&E to pinpoint and remove gas facilities based on total overall risk to the system.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	**GAS DISTRIBUTION**	**Sub Total EARLY VINTAGE PROGRAM - OIL DRIP PIPING REMOVAL**				**Yes**	**YES**	**NO**								**NO**
Capital	GAS DISTRIBUTION	EARLY VINTAGE PROGRAM - REMOVAL OF CLOSED VALVES BETWEEN HP/MP ZONES	Incident Related to the Medium Pressure System (Excluding Digs-in)	Early Vintage Program-Remove Closed Valves b/w HP/MP	Main Steel	No	YES	NO	YES	N/A	In 2024, SDG&E started to manage the three steel replacement programs, and 4 component programs (dresser coupling removal, oil drip removal, piping in vaults removal and HP/MP block valve removal component) holistically as a single program to address the highest risks across the system first and to gain efficiencies when addressing risk. The decision to combine these workpapers together allows SDG&E to pinpoint and remove gas facilities based on total overall risk to the system.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	**GAS DISTRIBUTION**	**Sub Total EARLY VINTAGE PROGRAM - REMOVAL OF CLOSED VALVES BETWEEN HP/MP ZONES**				**Yes**	**YES**	**NO**								**NO**

SDG&E GAS DISTRIBUTION Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Safety, Reliability, or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status	Status Variance Explanation Required?
Capital	GAS DISTRIBUTION	GAS OPS CONTROL CENTER PROJ DISTR REG STATION & OTHER	Incident Related to the Medium Pressure System (Excluding Dig-in)	CCM Distribution Field Asset Real Time Monitoring	N/A	No	YES	YES	YES	This workpaper was intended for the capital construction of SCADA sites on regulator stations in the SDG&E service territory. The design and construction of these types of activities can take several years. The capital construction of these sites is ongoing, but as of end of 2024 zero sites had come online to send data, be monitored, or controlled. The plan is for these sites to come on-line in 2025.	This workpaper was intended for the capital construction of SCADA sites on regulator stations in the SDG&E service territory. The design and construction of these types of activities can take several years. The capital construction of these sites is ongoing, but as of end of 2024 zero sites had come online to send data, be monitored, or controlled. The plan is for these sites to come on-line in 2025.	On Target (T)	Under (U)	On Target (T)	Proceeding as Planned	NO
Capital	**GAS DISTRIBUTION**	**Sub Total GAS OPS CONTROL CENTER PROJ DISTR REG STATION & OTHER**				**Yes**	**YES**	**YES**								**NO**
Capital	GAS DISTRIBUTION	LEAK REPAIR	Incident Related to the Medium Pressure System (Excluding Dig-in)	Leak Repair (Capital)	MP Main Plastic	No	YES	YES	YES	This activity covers the repair of leaking plastic mains. The variance is attributed to higher than forecasted costs per unit. The higher cost per unit is associated with increases in costs associated with supplies and materials and additional restoration requirements by the municipalities.	This activity covers the repair of leaking plastic mains. The scope of projects is based on factors outside of SDG&E's control. However, with the inception of increased leak survey funded by SB 1371, the number of capital and O&M tasks has seen a linear increase in cost and units. SB 1371 did not authorize SDGE to repair those leaks identified through increased leak survey with SB 1371 funds and as such SDG&E has seen a linear increase in costs and units for leak repair.	On Target (T)	On Target (T)	Over (O)	Proceeding as Planned	NO
Capital	GAS DISTRIBUTION	LEAK REPAIR	Incident Related to the Medium Pressure System (Excluding Dig-in)	Leak Repair (Capital)	MP Main Steel	No	YES	YES	YES	This activity covers the repair of leaking steel mains. The variance is attributed to higher than forecasted costs per unit. The higher cost per unit is associated with increases in costs associated with supplies and materials and additional restoration requirements by the municipalities.	This activity covers the repair of leaking plastic mains. The scope of projects is based on factors outside of SDG&E's control. However, with the inception of increased leak survey funded by SB 1371, the number of capital and O&M tasks has seen a linear increase in cost and units. SB 1371 did not authorize SDGE to repair those leaks identified through increased leak survey with SB 1371 funds and as such SDG&E has seen a linear increase in costs and units for leak repair.	On Target (T)	On Target (T)	Over (O)	Proceeding as Planned	NO
Capital	**GAS DISTRIBUTION**	**Sub Total LEAK REPAIR**				**Yes**	**YES**	**YES**								**NO**
Capital	GAS DISTRIBUTION	LOCAL ENGINEERING POOL - GAS	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	GAS DISTRIBUTION	LOCAL ENGINEERING POOL - GAS	Incident Related to the Medium Pressure System (Excluding Dig-in)	Human Factors Mitigations - Gas Handling Plans	N/A	No	YES	NO	YES	N/A	The variance is due to a shift in capital work to jobs that do not require a Gas Handling Plan (GHP) such as cathodic protection replacements and barrier post placements. Additionally, there was a shift towards HP jobs which produced fewer GHP units compared to the dollars allocated.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	GAS DISTRIBUTION	LOCAL ENGINEERING POOL - GAS	Records Management	GGIS Growth	N/A	No	YES	NO	YES	N/A	Variance is due to the timing of hiring two Gas Geographic Information specialists.	On Target (T)	Under (U)	Under (U)	Deferred	NO
Capital	GAS DISTRIBUTION	LOCAL ENGINEERING POOL - GAS	Records Management	RAMP: SDG&E-CFF-6, New: Gas Geographic Information System Group	N/A	No	YES	YES	NO	The variance is associated with an increase in the work needed to create GIS maps based on capital work.	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	**GAS DISTRIBUTION**	**Sub Total LOCAL ENGINEERING POOL - GAS**				**Yes**	**YES**	**NO**								**NO**
Capital	GAS DISTRIBUTION	METER AND REGULATOR MATERIALS	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	YES	YES	The variance is attributed to an increase in cost per unit (higher material, labor and longer lead times) that was not forecasted in the 2024 GRC. Additionally, the variance is associated with project work completed before the GRC Decision was issued in December 2024 and the Decision ultimately did not authorize all forecasted projects.	The variance is attributed to an increase in cost per unit (higher material, labor and longer lead times) that was not forecasted in the 2024 GRC. Additionally, the variance is associated with project work completed before the GRC Decision was issued in December 2024 and the Decision ultimately did not authorize all forecasted projects.	On Target (T)	On Target (T)	Over (O)	Proceeding as Planned	NO
Capital	**GAS DISTRIBUTION**	**Sub Total METER AND REGULATOR MATERIALS**				**Yes**	**YES**	**YES**								**NO**
Capital	GAS DISTRIBUTION	NEW BUSINESS	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	YES	NO	This activity involves installing new pipeline associated with providing gas service to new business. The number and timing of new pipeline projects is based on factors outside the control of SDG&E. This variance is attributed to several large customer paid jobs over original forecasted activity.	N/A	On Target (T)	On Target (T)	Over (O)	Proceeding as Planned	NO
Capital	**GAS DISTRIBUTION**	**Sub Total NEW BUSINESS**				**Yes**	**YES**	**YES**								**NO**
Capital	GAS DISTRIBUTION	PIPE RELOCATIONS - FRANCHISE AND FREEWAY	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	YES	YES	This activity covers the relocation of existing gas distribution facilities when necessitated by public improvements, as required by the company's franchise agreements to clear municipal or other improvements. The scope of projects is based on factors outside of SDG&E's control, and the number of projects anticipated was beyond forecasted expectations.	This activity covers the relocation of existing gas distribution facilities when necessitated by public improvements, as required by the company's franchise agreements to clear municipal or other improvements. The scope of projects is based on factors outside of SDG&E's control, and the number of projects anticipated was beyond forecasted expectations.	On Target (T)	On Target (T)	Over (O)	Proceeding as Planned	NO
Capital	**GAS DISTRIBUTION**	**Sub Total PIPE RELOCATIONS - FRANCHISE AND FREEWAY**				**Yes**	**YES**	**YES**								**NO**
Capital	GAS DISTRIBUTION	PIPING IN VAULTS REPLACEMENT PROGRAM	Incident Related to the Medium Pressure System (Excluding Dig-in)	Piping in Vaults Replacement Program	MP Main Steel	No	YES	YES	YES	In 2024, SDG&E started to manage the three steel replacement programs, and 4 component programs (dresser coupling removal, oil drip removal, piping in vaults removal and HP/MP block valve removal component) holistically as a single program to address the highest risks across the system first and to gain efficiencies when addressing risk. The decision to combine these workpapers together allows SDG&E to pinpoint and remove gas facilities based on total overall risk to the system.	In 2024, SDG&E started to manage the three steel replacement programs, and 4-component programs (dresser coupling removal, oil drip removal, piping in vaults removal and HP/MP block valve removal component) holistically as a single program to address the highest risks across the system first and to gain efficiencies when addressing risk. The decision to combine these workpapers together allows SDG&E to pinpoint and remove gas facilities based on total overall risk to the system.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	**GAS DISTRIBUTION**	**Sub Total**				**Yes**	**YES**	**YES**								**NO**
Capital	GAS DISTRIBUTION	PRESSURE BETTERMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	YES	N/A	The variance is associated with project work completed before the GRC Decision was issued in December 2024 and the Decision ultimately did not authorize all forecasted projects.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	**GAS DISTRIBUTION**	**Sub Total PRESSURE BETTERMENT**				**Yes**	**YES**	**NO**								**NO**
Capital	GAS DISTRIBUTION	REGULATOR STATION IMPROVEMENTS AND OTHER	Incident Related to the Medium Pressure System (Excluding Dig-in)	Reg Station Replacement Program	HP Supply Line	No	YES	NO	YES	N/A	The variance is associated with two primary reasons: Large project work managed in alignment with TY 2019 GRC was delayed due to easements and permits with CalTrans & City of San Diego from 2023. Project work was managed in alignment with 2024 forecasts submitted in SDG&E's TY 2024 GRC application. GRC final decision not issued until December 2024. SDG&E continued projects as planned while waiting for the final TY 2024 GRC Decision.	On Target (T)	On Target (T)	Over (O)	Proceeding as Planned	NO

SDG&E GAS DISTRIBUTION Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Safety, Reliability, or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status	Status Variance Explanation Required?
Capital	GAS DISTRIBUTION	REGULATOR STATION IMPROVEMENTS AND OTHER	Incident Related to the Medium Pressure System (Excluding Dig-in)	Reg Station Replacement Program	HP-MP Main Steel & Plastic	No	YES	YES	YES	The variance is associated with easement and permitting delays from 2023. Additionally, the variance is due to project work completed before the GRC Decision was issued in December 2024 and the Decision ultimately did not authorize all forecasted projects.	The variance is associated with easement and permitting delays from 2023. Additionally, the variance is due to project work completed before the GRC Decision was issued in December 2024 and the Decision ultimately did not authorize all forecasted projects.	On Target (T)	On Target (T)	Over (O)	Proceeding as Planned	NO
Capital	**GAS DISTRIBUTION**	**Sub Total REGULATOR STATION IMPROVEMENTS AND OTHER**				**Yes**	**YES**	**YES**								**NO**
Capital	GAS DISTRIBUTION	SYSTEMS MINOR ADDITIONS, RELOCATIONS AND RETIREMENTS	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	YES	NO	This activity covers the relocation of existing gas distribution facilities when necessitated by customer initiated improvements. The scope of projects is based on factors outside of SDG&E control. Most come from customer requests or expenses involved in customer encroachments and the number of projects was greater than forecasted.	N/A	On Target (T)	On Target (T)	Over (O)	Proceeding as Planned	NO
Capital	**GAS DISTRIBUTION**	**Sub Total SYSTEMS MINOR ADDITIONS, RELOCATIONS AND RETIREMENTS**				**Yes**	**YES**	**YES**								**NO**
Capital	GAS DISTRIBUTION	TOOLS AND EQUIPMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	YES	NO	The funds associated with this workpaper are used to acquire tools and equipment for use by gas crews. The costs associated with this workpaper were shifted to other workpapers in Gas Distribution (like Leak Repair and Cathodic Protection) to help address higher risk activities. To address this some new or replacement tool purchases were deferred to 2025.	N/A	On Target (T)	On Target (T)	Over (O)	Proceeding as Planned	NO
Capital	GAS DISTRIBUTION	TOOLS AND EQUIPMENT	Excavation Damage (Dig-In) to the Gas System	Locating Equipment	MP	No	YES	NO	YES	N/A	The funds associated with this workpaper are used to acquire tools and equipment for use by gas crews. The costs associated with this workpaper were shifted to other workpapers in Gas Distribution (like Leak Repair and Cathodic Protection) to help address higher risk activities. To address this some new or replacement tool purchases were deferred to 2025.	Under (U)	Under (U)	Under (U)	Deferred	NO
Capital	GAS DISTRIBUTION	TOOLS AND EQUIPMENT	Incident Related to the Medium Pressure System (Excluding Dig-in)	Human Factor Mitigations - OpQual Training & Cert	N/A	No	YES	NO	YES	N/A	This unit variance is attributed to higher than forecast numbers of employees and contractors having to obtain Operator Qualifications to work on the SDG&E Gas system. This number can fluctuate depending on employee and contractor turnover.	On Target (T)	On Target (T)	Over (O)	Proceeding as Planned	NO
Capital	**GAS DISTRIBUTION**	**Sub Total TOOLS AND EQUIPMENT**				**Yes**	**YES**	**YES**								**NO**
Capital	GAS DISTRIBUTION	UNDERPERFORMING STEEL REPLACEMENT PROGRAM - OTHER (POST 1965 VINTAGE)	Incident Related to the Medium Pressure System (Excluding Dig-in)	Underperforming Steel Replacement Program - Other Steel (Post- 1965 Vintage)	MP Main Steel	No	YES	YES	YES	In 2024, SDG&E started to manage the three steel replacement programs, and 4 component programs (dresser coupling removal, oil drip removal, piping in vaults removal and HP/MP block valve removal component). holistically as a single program to address the highest risks across the system first and to gain efficiencies when addressing risk. The decision to combine these workpapers together allows SDG&E to pinpoint and remove gas facilities based on total overall risk to the system.	In 2024, SDG&E started to manage the three steel replacement programs, and 4 component programs (dresser coupling removal, oil drip removal, piping in vaults removal and HP/MP block valve removal component). holistically as a single program to address the highest risks across the system first and to gain efficiencies when addressing risk. The decision to combine these workpapers together allows SDG&E to pinpoint and remove gas facilities based on total overall risk to the system.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	**GAS DISTRIBUTION**	**Sub Total UNDERPERFORMING STEEL REPLACEMENT PROGRAM - OTHER (POST 1965 VINTAGE)**				**Yes**	**YES**	**YES**								**NO**
Capital	GAS DISTRIBUTION	UNDERPERFORMING STEEL REPLACEMENT PROGRAM - THREADED MAIN (PRE-1934 VINTAGE)	Incident Related to the Medium Pressure System (Excluding Dig-in)	Underperforming Steel Replacement Program (Pre-1934 vintage)	MP Main Steel	No	YES	NO	YES	In 2024, SDG&E started to manage the three steel replacement programs, and 4 component programs (dresser coupling removal, oil drip removal, piping in vaults removal and HP/MP block valve removal component). holistically as a single program to address the highest risks across the system first and to gain efficiencies when addressing risk. The decision to combine these workpapers together allows SDG&E to pinpoint and remove gas facilities based on total overall risk to the system.	In 2024, SDG&E started to manage the three steel replacement programs, and 4 component programs (dresser coupling removal, oil drip removal, piping in vaults removal and HP/MP block valve removal component). holistically as a single program to address the highest risks across the system first and to gain efficiencies when addressing risk. The decision to combine these workpapers together allows SDG&E to pinpoint and remove gas facilities based on total overall risk to the system.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	**GAS DISTRIBUTION**	**Sub Total UNDERPERFORMING STEEL REPLACEMENT PROGRAM - THREADED MAIN (PRE-1934 VINTAGE)**				**Yes**	**YES**	**NO**								**NO**
Capital	GAS DISTRIBUTION	UNDERPERFORMING STEEL REPLACEMENT PROGRAM (1934-1965 VINTAGE)	Incident Related to the Medium Pressure System (Excluding Dig-in)	Underperforming Steel Replacement Program - 1934-1965 Vintage (1956+)	MP Main Steel	No	YES	YES	YES	In 2024, SDG&E started to manage the three steel replacement programs, and 4 component programs (dresser coupling removal, oil drip removal, piping in vaults removal and HP/MP block valve removal component). holistically as a single program to address the highest risks across the system first and to gain efficiencies when addressing risk. The decision to combine these workpapers together allows SDG&E to pinpoint and remove gas facilities based on total overall risk to the system.	In 2024, SDG&E started to manage the three steel replacement programs, and 4 component programs (dresser coupling removal, oil drip removal, piping in vaults removal and HP/MP block valve removal component). holistically as a single program to address the highest risks across the system first and to gain efficiencies when addressing risk. The decision to combine these workpapers together allows SDG&E to pinpoint and remove gas facilities based on total overall risk to the system.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	**GAS DISTRIBUTION**	**Sub Total UNDERPERFORMING STEEL REPLACEMENT PROGRAM (1934-1965 VINTAGE)**				**Yes**	**YES**	**YES**								**NO**

SDG&E GAS DISTRIBUTION Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	RollUp	Status Variance Explanation	WP Activity Description	2024 GRC Testimony Location
Capital	GAS DISTRIBUTION	GAS DISTRIBUTION				Yes			
Capital	GAS DISTRIBUTION	CATHODIC PROTECTION	Incident Related to the Medium Pressure System (Excluding Digs-in)	Cathodic Protection Program-Capital	HP Supply Line	No	N/A		
Capital	GAS DISTRIBUTION	CATHODIC PROTECTION	Incident Related to the Medium Pressure System (Excluding Digs-in)	Cathodic Protection Program-Capital	MP Main Steel	No	N/A	CP equipment additions are required so that SDG&E meets code mandated corrosion control requirements for the steel portion of the gas distribution system. By placing steel pipelines under cathodic protection, corrosion is minimized, resulting in a safer and more reliable gas system as well as extending the life of the steel pipeline system	SDG&E-04-R- E LPK-94 to LPK-97 CWP 00509
Capital	**GAS DISTRIBUTION**	**Sub Total CATHODIC PROTECTION**				**Yes**			
Capital	GAS DISTRIBUTION	CATHODIC PROTECTION SYSTEM ENHANCEMENT	Incident Related to the Medium Pressure System (Excluding Digs-in)	Cathodic Protection System Enhancements	HP Supply Line	No	N/A	The Cathodic Protection System Enhancement budget code tracks projects specifically associated with meeting dedicated high pressure and medium distribution pressure pipeline CP systems and remediating non-intrusive like-set cathodic protection on steel pipe segments, risers and valves as determined through advances in GIS mapping capabilities.	SDG&E-04-R- E LPK-97 to LPK-100 CWP 12551
Capital	GAS DISTRIBUTION	CATHODIC PROTECTION SYSTEM ENHANCEMENT	Incident Related to the Medium Pressure System (Excluding Digs-in)	Cathodic Protection System Enhancements	MP Main Steel	No	N/A	The Cathodic Protection System Enhancement budget code tracks projects specifically associated with meeting dedicated high pressure and medium distribution pressure pipeline CP systems and remediating non-intrusive like-set cathodic protection on steel pipe segments, risers and valves as determined through advances in GIS mapping capabilities.	SDG&E-04-R- E LPK-97 to LPK-100 CWP 12551
Capital	**GAS DISTRIBUTION**	**Sub Total CATHODIC PROTECTION SYSTEM ENHANCEMENT**				**Yes**			
Capital	GAS DISTRIBUTION	CNG STATION UPGRADES	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A	Provides for labor, services and materials to upgrades needed to maintain a compressed natural gas (CNG) alternative fueling station infrastructure for use by company fleet vehicles and the public.	SDG&E-04-R- E LPK-121 to LPK-122 CWP 145530
Capital	**GAS DISTRIBUTION**	**Sub Total CNG STATION UPGRADES**				**Yes**			
Capital	GAS DISTRIBUTION	CODE COMPLIANCE	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A	Capital expenditures in budget code 507 are used to keep SDG&E's gas distribution system in compliance with State and Federal regulations for natural gas pipelines.	SDG&E-04-R- E LPK-88 to LPK-92 CWP 005070
Capital	GAS DISTRIBUTION	CODE COMPLIANCE	Incident Related to the Medium Pressure System (Excluding Digs-in)	Code Compliance Mitigation	Meter & Beyond the Meter	No	N/A	Capital expenditures in budget code 507 are used to keep SDG&E's gas distribution system in compliance with State and Federal regulations for natural gas pipelines.	SDG&E-04-R- E LPK-88 to LPK-92 CWP 005070
Capital	**GAS DISTRIBUTION**	**Sub Total CODE COMPLIANCE**				**Yes**			
Capital	GAS DISTRIBUTION	CONTRACT ADMIN – GAS	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
Capital	**GAS DISTRIBUTION**	**Sub Total CONTRACT ADMIN – GAS**				**Yes**			
Capital	GAS DISTRIBUTION	CURB VALVE REPLACEMENTS	Incident Related to the Medium Pressure System (Excluding Digs-in)	Replace Curb Valves with EFVs	MP Main & Service Plastic	No	N/A	The Curb Valve Replacement project will survey the gas system for installed curb valves, prioritize their replacement based on inaccessibility issues and schedule the replacement of these valves with excess flow valve (EFVs).	SDG&E-04-R- E LPK-119 to LPK-121 CWP 215750
Capital	**GAS DISTRIBUTION**	**Sub Total CURB VALVE REPLACEMENTS**				**Yes**			
Capital	GAS DISTRIBUTION	DEPARTMENT OVERHEAD POOL - GAS	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A	Department Overhead is charged for expenses that are not attributable to one particular project, but benefit many projects, or the Construction and Operation (C&O) districts as a whole. Certain costs are incurred by capital projects that originate from central activities which are subsequently distributed to those capital projects. These central activity costs are also called 'pooled' or 'indirect' costs.	SDG&E-04-R- E LPK-129 to LPK-131 CWP G09050
Capital	**GAS DISTRIBUTION**	**Sub Total DEPARTMENT OVERHEAD POOL - GAS**				**Yes**			
Capital	GAS DISTRIBUTION	DISTRIBUTION EASEMENTS	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
Capital	**GAS DISTRIBUTION**	**Sub Total DISTRIBUTION EASEMENTS**				**Yes**			
Capital	GAS DISTRIBUTION	EARLY VINTAGE PROGRAM - DRESSER MECHANICAL COUPLING REMOVAL	Incident Related to the Medium Pressure System (Excluding Digs-in)	Early Vintage Program- Dresser Mech Coupling Removal	Main Steel	No	N/A	Budget code 195662 provides funds for evaluating locations where Dresser mechanical couplings exist, excavating, removing the Dresser mechanical couplings, and reconnecting the pipeline back together. Removing these couplings mitigates the risk of an incident caused by the leakage of gas from these couplings.	SDG&E-04-R- E LPK-109 to LPK-110 CWP 195660
Capital	**GAS DISTRIBUTION**	**Sub Total EARLY VINTAGE PROGRAM - DRESSER MECHANICAL COUPLING REMOVAL**				**Yes**			
Capital	GAS DISTRIBUTION	EARLY VINTAGE PROGRAM - OIL DRIP PIPING REMOVAL	Incident Related to the Medium Pressure System (Excluding Digs-in)	Early Vintage Program- Oil Drip Piping Removal	Main Steel	No	N/A	Budget code 195667 provides the funding to analyze gas system mapping to determine oil drip piping locations and prioritize their removal. In addition, funding is provided to remove this piping at selected locations.	SDG&E-04-R- E LPK-110 to LPK-112 CWP 195670
Capital	**GAS DISTRIBUTION**	**Sub Total EARLY VINTAGE PROGRAM - OIL DRIP PIPING REMOVAL**				**Yes**			
Capital	GAS DISTRIBUTION	EARLY VINTAGE PROGRAM - REMOVAL OF CLOSED VALVES BETWEEN HP/MP ZONES	Incident Related to the Medium Pressure System (Excluding Digs-in)	Early Vintage Program-Remove Closed Valves b/w HP/MP	Main Steel	No	N/A	This project provides funds to select and remove system block valves that separate high pressure and medium pressure areas. This would mitigate the risk should the valve be operated in error, operated in an act of sabotage, or the valve leak pressure downstream to the low or Maximum Allowable Operating Pressure (MAOP) system potentially causing an overpressure condition of the downstream system.	SDG&E-04-R- E LPK-113 to LPK-114 CWP 195690
Capital	**GAS DISTRIBUTION**	**Sub Total EARLY VINTAGE PROGRAM - REMOVAL OF CLOSED VALVES BETWEEN HP/MP ZONES**				**Yes**			

SDG&E GAS DISTRIBUTION Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Status Variance Explanation	WP Activity Description	2024 GRC Testimony Location
Capital	GAS DISTRIBUTION	GAS OPS CONTROL CENTER PROJ DISTR REG STATION & OTHER	Incident Related to the Medium Pressure System (Excluding Digout)	CCM Distribution Field Asset Real Time Monitoring	N/A	No	N/A	The purpose of the Control Center Modernization (CCM) project is to construct a new modernized Gas Control facility that will include advanced technology and be sized to accommodate the expanding workforce needed to monitor, maintain, and respond to data transmitted by the over 9,000 new and existing field assets and incidents on a continuous 24/7 basis. The costs detailed in this section are related to the field assets that will be deployed on the SDG&E distribution system.	SDG&E-04-R- E LPK-117 to LPK-119 CWP 215740
Capital	**GAS DISTRIBUTION**	**Sub Total GAS OPS CONTROL CENTER PROJ DISTR REG STATION & OTHER**				**Yes**			
Capital	GAS DISTRIBUTION	LEAK REPAIR	Incident Related to the Medium Pressure System (Excluding Digout)	Leak Repair (Capital)	MP Main Plastic	No	N/A	Expenditures in budget code 508 support SDG&E's continued safe and reliable delivery of natural gas in compliance with State and Federal code requirements for replacement of gas distribution system piping due to poor condition or location.	SDG&E-04-R- E LPK-92 to LPK-94 CWP 005080
Capital	GAS DISTRIBUTION	LEAK REPAIR	Incident Related to the Medium Pressure System (Excluding Digout)	Leak Repair (Capital)	MP Main Steel	No	N/A	Expenditures in budget code 508 support SDG&E's continued safe and reliable delivery of natural gas in compliance with State and Federal code requirements for replacement of gas distribution system piping due to poor condition or location.	SDG&E-04-R- E LPK-92 to LPK-94 CWP 005080
Capital	**GAS DISTRIBUTION**	**Sub Total LEAK REPAIR**				**Yes**			
Capital	GAS DISTRIBUTION	LOCAL ENGINEERING POOL - GAS	Non-RAMP	Non-RAMP	Non-RAMP	No			
Capital	GAS DISTRIBUTION	LOCAL ENGINEERING POOL - GAS	Incident Related to the Medium Pressure System (Excluding Digout)	Human Factors Mitigations - Gas Handling Plans	N/A	No	N/A	This budget code represents the forecasted costs associated with the Gas Distribution Local Engineering (LE) Pool. Certain costs are incurred by capital projects that originate from central activities which are subsequently distributed to those capital projects. These central activity costs are also called 'pooled' or 'indirect' costs.	SDG&E-04-R- E LPK-122 to LPK-129 CWP G00020
Capital	GAS DISTRIBUTION	LOCAL ENGINEERING POOL - GAS	Records Management	GGIS Growth	N/A	No	N/A	This budget code represents the forecasted costs associated with the Gas Distribution Local Engineering (LE) Pool. Certain costs are incurred by capital projects that originate from central activities which are subsequently distributed to those capital projects. These central activity costs are also called 'pooled' or 'indirect' costs.	SDG&E-04-R- E LPK-122 to LPK-129 CWP G00020
Capital	GAS DISTRIBUTION	LOCAL ENGINEERING POOL - GAS	Records Management	RAMP: SDG&E-CFF-6, New: Gas Geographic Information System Group	N/A	No	N/A	This budget code represents the forecasted costs associated with the Gas Distribution Local Engineering (LE) Pool. Certain costs are incurred by capital projects that originate from central activities which are subsequently distributed to those capital projects. These central activity costs are also called 'pooled' or 'indirect' costs.	SDG&E-04-R- E LPK-122 to LPK-129 CWP G00020
Capital	**GAS DISTRIBUTION**	**Sub Total LOCAL ENGINEERING POOL - GAS**				**Yes**			
Capital	GAS DISTRIBUTION	METER AND REGULATOR MATERIALS	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A	Budget code 502 provides funding for the purchase of new domestic, commercial and industrial gas meters and regulators used in establishing service to new customers, and also for replacement of meters and regulators that have reached the end of their useful life or are removed as part of the Gas Meter Performance Control Program.	SDG&E-04-R- E LPK-77 to LPK-79 CWP 005020
Capital	**GAS DISTRIBUTION**	**Sub Total METER AND REGULATOR MATERIALS**				**Yes**			
Capital	GAS DISTRIBUTION	NEW BUSINESS	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A	Expenditures within budget code 500 provide for changes and additions to the existing gas distribution system for the purpose of serving new gas customers.	SDG&E-04-R- E LPK-70 to LPK-74 CWP 005000
Capital	**GAS DISTRIBUTION**	**Sub Total NEW BUSINESS**				**Yes**			
Capital	GAS DISTRIBUTION	PIPE RELOCATIONS - FRANCHISE AND FREEWAY	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A	Budget code 505 provides funding for the required relocation of existing gas facilities when necessitated by conflict with the installation of public improvements	SDG&E-04-R- E LPK-82 to LPK-84 CWP 005050
Capital	**GAS DISTRIBUTION**	**Sub Total PIPE RELOCATIONS - FRANCHISE AND FREEWAY**				**Yes**			
Capital	GAS DISTRIBUTION	PIPING IN VAULTS REPLACEMENT PROGRAM	Incident Related to the Medium Pressure System (Excluding Digout)	Piping in Vaults Replacement Program	MP Main Steel	No	N/A	This project provides funds for the selection and replacement of piping located in underground vaults. Pipe segments, fittings, or valves exposed within a below grade vault is at risk for accelerated atmospheric corrosion due to the potential for water accumulation or pipe coating failure.	SDG&E-04-R- E LPK-115 to LPK-116 CWP 195600
Capital	**GAS DISTRIBUTION**	**Sub Total**				**Yes**			
Capital	GAS DISTRIBUTION	PRESSURE BETTERMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A	Expenditures within budget code 503 provide for gas distribution system reinforcement projects required to maintain gas service to core customers. This work category addresses critical areas of the distribution pipeline network that are most susceptible to pressure drops to alleviate the potential risk of loss of service to customers.	SDG&E-04-R- E LPK-80 to LPK-82 CWP 005030
Capital	**GAS DISTRIBUTION**	**Sub Total PRESSURE BETTERMENT**				**Yes**			
Capital	GAS DISTRIBUTION	REGULATOR STATION IMPROVEMENTS AND OTHER	Incident Related to the Medium Pressure System (Excluding Digout)	Reg Station Replacement Program	HP Supply Line	No	N/A	Budget code 510 provides funding for small capital projects or upgrades (not captured under the other budget codes) that improve safety, provide required code compliance, and improve gas system performance or reliability through the replacement of aging gas operating equipment.	SDG&E-04-R- E LPK-100 to LPK-102 CWP 005100

SDG&E GAS DISTRIBUTION Capital

Type	Within a Area (Line of Business)	WP Activity Description (Spend tire Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Status Variance Explanation	WP Activity Description	2024 GRC Testimony Location
Capital	GAS DISTRIBUTION	REGULATOR STATION IMPROVEMENTS AND OTHER	Incident Related to the Medium Pressure System (Excluding Dig-in)	Reg Station Replacement Program	HP-MP Main Steel & Plastic	No	N/A	Budget code 510 provides funding for small capital projects or upgrades (not captured under the other budget codes) that improve safety, provide required code compliance, and improve gas system performance or reliability through the replacement of aging gas operating equipment	SDG&E-04-R- E LPK-100 to LPK-102 CWP 005100
Capital	**GAS DISTRIBUTION**	**Sub Total REGULATOR STATION IMPROVEMENTS AND OTHER**				**Yes**			
Capital	GAS DISTRIBUTION	SYSTEMS MINOR ADDITIONS, RELOCATIONS AND RETIREMENTS	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A	Expenses in budget code 501 provide for minor gas distribution main and service additions, retirements and relocations. These expenditures are required to maintain the continued integrity of SDG&E's gas distribution system	SDG&E-04-R- E LPK-74 to LPK-77 CWP 005010
Capital	**GAS DISTRIBUTION**	**Sub Total SYSTEMS MINOR ADDITIONS, RELOCATIONS AND RETIREMENTS**				**Yes**			
Capital	GAS DISTRIBUTION	TOOLS AND EQUIPMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A	Budget code 506 provides funds for new tools and equipment required by field personnel in order to safely and efficiently install, operate and maintain the gas distribution system as well as maintenance of the inventory of training equipment at the "Skills City" training facility at SDG&E where gas operations activities are simulated.	SDG&E-04-R- E LPK-84 to LPK-88 CWP 005060
Capital	GAS DISTRIBUTION	TOOLS AND EQUIPMENT	Excavation Damage (Dig-In) to the Gas System	Locating Equipment	MP	No	N/A	Budget code 506 provides funds for new tools and equipment required by field personnel in order to safely and efficiently install, operate and maintain the gas distribution system as well as maintenance of the inventory of training equipment at the "Skills City" training facility at SDG&E where gas operations activities are simulated.	SDG&E-04-R- E LPK-84 to LPK-88 CWP 005060
Capital	GAS DISTRIBUTION	TOOLS AND EQUIPMENT	Incident Related to the Medium Pressure System (Excluding Dig-in)	Human Factor Mitigations - OpQual Training & Cert	N/A	No	N/A	Budget code 506 provides funds for new tools and equipment required by field personnel in order to safely and efficiently install, operate and maintain the gas distribution system as well as maintenance of the inventory of training equipment at the "Skills City" training facility at SDG&E where gas operations activities are simulated.	SDG&E-04-R- E LPK-84 to LPK-88 CWP 005060
Capital	**GAS DISTRIBUTION**	**Sub Total TOOLS AND EQUIPMENT**				**Yes**			
Capital	GAS DISTRIBUTION	UNDERPERFORMING STEEL REPLACEMENT PROGRAM - OTHER (POST 1965 VINTAGE)	Incident Related to the Medium Pressure System (Excluding Dig-in)	Underperforming Steel Replacement Program - Other Steel (Post- 1965 Vintage)	MP Main Steel	No	N/A	Expenditures within budget code 514 provide for the planned replacement of pipelines based on replacement decision elements with strong emphasis on a recurring leak history.	SDG&E-04-R- E LPK-107 to LPK-108 CWP 005140
Capital	**GAS DISTRIBUTION**	**Sub Total UNDERPERFORMING STEEL REPLACEMENT PROGRAM - OTHER (POST 1965 VINTAGE)**				**Yes**			
Capital	GAS DISTRIBUTION	UNDERPERFORMING STEEL REPLACEMENT PROGRAM - THREADED MAIN (PRE-1934 VINTAGE)	Incident Related to the Medium Pressure System (Excluding Dig-in)	Underperforming Steel Replacement Program (Pre-1934 vintage)	MP Main Steel	No	N/A	Budget code 19565 provides funding specifically for the removal of early vintage (pre-1934) steel pipelines that were threaded together rather than welded. This practice was later abandoned in favor of welding the pipe. The threaded pipe is prone to higher rate of leakage due to susceptibility to corrosion near the threaded joint and offers less corrosion allowance than the standard welded pipe due to the thread cuts.	SDG&E-04-R- E LPK-103 to LPK-105 CWP 195650
Capital	**GAS DISTRIBUTION**	**Sub Total UNDERPERFORMING STEEL REPLACEMENT PROGRAM - THREADED MAIN (PRE-1934 VINTAGE)**				**Yes**			
Capital	GAS DISTRIBUTION	UNDERPERFORMING STEEL REPLACEMENT PROGRAM (1934-1965 VINTAGE)	Incident Related to the Medium Pressure System (Excluding Dig-in)	Underperforming Steel Replacement Program - 1934-1965 Vintage (19564)	MP Main Steel	No	N/A	Expenditures within budget code 19564 provide for the removal and replacement of early vintage steel pipelines (installed in the gas distribution system from 1934 to 1965) that due to pipe-wrap disbonding lose their cathodic protection leading to increased leakage.	SDG&E-04-R- E LPK-105 to LPK-106 CWP 195640
Capital	**GAS DISTRIBUTION**	**Sub Total UNDERPERFORMING STEEL REPLACEMENT PROGRAM (1934-1965 VINTAGE)**				**Yes**			

SDG&E GAS TRANSMISSION OPERATIONS AND CONSTRUCTION Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date ($)
Capital	GAS TRANSMISSION OPERATIONS AND CONSTRUCTION	GAS TRANSMISSION OPERATIONS AND CONSTRUCTION				Yes			67,661	—	—	—	67,661	11,664	12,013	12,373	12,744	11,664
Capital	GAS TRANSMISSION	GT AUXILIARY EQUIPMENT& INFRASTRUCTURE	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	—	—	—	—	—	173	178	183	188	173
Capital	GAS TRANSMISSION	GT AUXILIARY EQUIPMENT& INFRASTRUCTURE	Incident Related to the High Pressure System (Excluding Dig-in)	Security and Auxiliary Equipment	Overall	No	On-going	Annual	1,434	—	—	—	1,434	229	236	243	250	229
Capital	**GAS TRANSMISSION**	**SubTotal GT AUXILIARY EQUIPMENT& INFRASTRUCTURE**				**Yes**			**1,434**	**—**	**—**	**—**	**1,434**	**402**	**414**	**426**	**438**	**402**
Capital	GAS TRANSMISSION	GT CAPITAL TOOLS	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	172	—	—	—	172	147	151	156	161	147
Capital	**GAS TRANSMISSION**	**SubTotal GT CAPITAL TOOLS**				**Yes**			**172**	**—**	**—**	**—**	**172**	**147**	**151**	**156**	**161**	**147**
Capital	GAS TRANSMISSION	GT CATHODIC PROTECTION	Incident Related to the High Pressure System (Excluding Dig-in)	Cathodic Protection - Capital (HCA & Non-HCA)	Transmission - HCA	No	On-going	Annual	48	—	—	—	48	784	807	832	856	784
Capital	GAS TRANSMISSION	GT CATHODIC PROTECTION	Incident Related to the High Pressure System (Excluding Dig-in)	Cathodic Protection - Capital (HCA & Non-HCA)	Transmission - Non-HCA	No	On-going	Annual	10	—	—	—	10	172	178	183	189	172
Capital	**GAS TRANSMISSION**	**SubTotal GT CATHODIC PROTECTION**				**Yes**			**58**	**—**	**—**	**—**	**58**	**956**	**985**	**1,015**	**1,045**	**956**
Capital	GAS TRANSMISSION	GT COMPRESSOR STATIONS ADDITIONS/REPLACEMENTS	Incident Related to the High Pressure System (Excluding Dig-in)	Compressor Stations - Capital	Transmission - Facilities	No	On-going	Annual	4,815	—	—	—	4,815	6,541	6,737	6,939	7,147	6,541
Capital	**GAS TRANSMISSION**	**SubTotal GT COMPRESSOR STATIONS ADDITIONS/REPLACEMENTS**				**Yes**			**4,815**	**—**	**—**	**—**	**4,815**	**6,541**	**6,737**	**6,939**	**7,147**	**6,541**
Capital	GAS TRANSMISSION	GT M&R STATIONS ADDITIONS/REPLACEMENTS	Incident Related to the High Pressure System (Excluding Dig-in)	Measurement & Regulation - Capital (HCA & Non-HCA)	Transmission - HCA	No	On-going	Annual	2,203	—	—	—	2,203	1,336	1,374	1,416	1,458	1,336
Capital	GAS TRANSMISSION	GT M&R STATIONS ADDITIONS/REPLACEMENTS	Incident Related to the High Pressure System (Excluding Dig-in)	Measurement & Regulation - Capital (HCA & Non-HCA)	Transmission - Non-HCA	No	On-going	Annual	484	—	—	—	484	295	305	313	323	295
Capital	**GAS TRANSMISSION**	**SubTotal GT M&R STATIONS ADDITIONS/REPLACEMENTS**				**Yes**			**2,686**	**—**	**—**	**—**	**2,686**	**1,631**	**1,679**	**1,729**	**1,781**	**1,631**
Capital	GAS TRANSMISSION	GT PIPELINE REPLACEMENTS	Incident Related to the High Pressure System (Excluding Dig-in)	Leak Repair (HCA & Non-HCA)	Transmission - HCA	No	On-going	Annual	(0)	—	—	—	(0)	816	840	866	892	816
Capital	GAS TRANSMISSION	GT PIPELINE REPLACEMENTS	Incident Related to the High Pressure System (Excluding Dig-in)	Leak Repair (HCA & Non-HCA)	Transmission - Non-HCA	No	On-going	Annual	(0)	—	—	—	(0)	179	185	190	196	179
Capital	GAS TRANSMISSION	GT PIPELINE REPLACEMENTS	Incident Related to the High Pressure System (Excluding Dig-in)	Pipeline relocation and replacement (HCA & Non-HCA)	Transmission - HCA	No	On-going	Annual	210	—	—	—	210	406	419	431	444	406
Capital	GAS TRANSMISSION	GT PIPELINE REPLACEMENTS	Incident Related to the High Pressure System (Excluding Dig-in)	Pipeline relocation and replacement (HCA & Non-HCA)	Transmission - Non-HCA	No	On-going	Annual	44	—	—	—	44	90	92	95	98	90
Capital	GAS TRANSMISSION	GT PIPELINE REPLACEMENTS	Incident Related to the High Pressure System (Excluding Dig-in)	Shallow Exposure (HCA & Non-HCA)	Transmission - HCA	No	On-going	Annual	1,892	—	—	—	1,892	406	419	431	444	406
Capital	GAS TRANSMISSION	GT PIPELINE REPLACEMENTS	Incident Related to the High Pressure System (Excluding Dig-in)	Shallow Exposure (HCA & Non-HCA)	Transmission - Non-HCA	No	On-going	Annual	385	—	—	—	385	90	92	95	98	90
Capital	**GAS TRANSMISSION**	**SubTotal GT PIPELINE REPLACEMENTS**				**Yes**			**2,532**	**—**	**—**	**—**	**2,532**	**1,987**	**2,047**	**2,108**	**2,172**	**1,987**

SDG&E GAS TRANSMISSION OPERATIONS AND CONSTRUCTION Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date ($)
Capital	GAS TRANSMISSION	MORENO COMPRESSOR STATION MODERNIZATION	Incident Related to the High Pressure System (Excluding Dig-in)	Compressor Stations - Capital	Transmission - Facilities	No	9	5	55,964	—	—	—	55,964	—	—	—	—	—
Capital	**GAS TRANSMISSION**	**SubTotal MORENO COMPRESSOR STATION MODERNIZATION**				**Yes**			**55,964**	—	—	—	**55,964**	—	—	—	—	—

SDG&E GAS TRANSMISSION OPERATIONS AND CONSTRUCTION Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference ($)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
Capital	GAS TRANSMISSION OPERATIONS AND CONSTRUCTION	GAS TRANSMISSION OPERATIONS AND CONSTRUCTION				Yes	55,997	(12,083)	(12,373)	(12,744)	55,997	480%	-100%	-100%	-100%	480%
Capital	GAS TRANSMISSION	GT AUXILIARY EQUIPMENT& INFRASTRUCTURE	Non-RAMP	Non-RAMP	Non-RAMP	No	(173)	(178)	(183)	(188)	(173)	-100%	-100%	-100%	-100%	-100%
Capital	GAS TRANSMISSION	GT AUXILIARY EQUIPMENT& INFRASTRUCTURE	Incident Related to the High Pressure System (Excluding Dig-in)	Security and Auxuliary Equipment	Overall	No	1,205	(236)	(243)	(250)	1,205	526%	-100%	-100%	-100%	526%
Capital	**GAS TRANSMISSION**	**SubTotal GT AUXILIARY EQUIPMENT& INFRASTRUCTURE**				**Yes**	**1,032**	**(414)**	**(426)**	**(438)**	**1,032**	**257%**	**-100%**	**-100%**	**-100%**	**257%**
Capital	GAS TRANSMISSION	GT CAPITAL TOOLS	Non-RAMP	Non-RAMP	Non-RAMP	No	25	(151)	(156)	(161)	25	17%	-100%	-100%	-100%	17%
Capital	**GAS TRANSMISSION**	**SubTotal GT CAPITAL TOOLS**				**Yes**	**25**	**(151)**	**(156)**	**(161)**	**25**	**17%**	**-100%**	**-100%**	**-100%**	**17%**
Capital	GAS TRANSMISSION	GT CATHODIC PROTECTION	Incident Related to the High Pressure System (Excluding Dig-in)	Cathodic Protection - Capital (HCA & Non-HCA)	Transmission - HCA	No	(736)	(807)	(832)	(856)	(736)	-94%	-100%	-100%	-100%	-94%
Capital	GAS TRANSMISSION	GT CATHODIC PROTECTION	Incident Related to the High Pressure System (Excluding Dig-in)	Cathodic Protection - Capital (HCA & Non-HCA)	Transmission - Non-HCA	No	(162)	(178)	(183)	(189)	(162)	-94%	-100%	-100%	-100%	-94%
Capital	**GAS TRANSMISSION**	**SubTotal GT CATHODIC PROTECTION**				**Yes**	**(898)**	**(985)**	**(1,015)**	**(1,045)**	**(898)**	**-94%**	**-100%**	**-100%**	**-100%**	**-94%**
Capital	GAS TRANSMISSION	GT COMPRESSOR STATIONS ADDITIONS/REPLACEMENTS	Incident Related to the High Pressure System (Excluding Dig-in)	Compressor Stations - Capital	Transmission - Facilities	No	(1,726)	(6,737)	(6,939)	(7,147)	(1,726)	-26%	-100%	-100%	-100%	-26%
Capital	**GAS TRANSMISSION**	**SubTotal GT COMPRESSOR STATIONS ADDITIONS/REPLACEMENTS**				**Yes**	**(1,726)**	**(6,737)**	**(6,939)**	**(7,147)**	**(1,726)**	**-26%**	**-100%**	**-100%**	**-100%**	**-26%**
Capital	GAS TRANSMISSION	GT M&R STATIONS ADDITIONS/REPLACEMENTS	Incident Related to the High Pressure System (Excluding Dig-in)	Measurement & Regulation - Capital (HCA & Non-HCA)	Transmission - HCA	No	867	(1,374)	(1,416)	(1,458)	867	6%	-100%	-100%	-100%	6%
Capital	GAS TRANSMISSION	GT M&R STATIONS ADDITIONS/REPLACEMENTS	Incident Related to the High Pressure System (Excluding Dig-in)	Measurement & Regulation - Capital (HCA & Non-HCA)	Transmission - Non-HCA	No	189	(305)	(313)	(323)	189	64%	-100%	-100%	-100%	64%
Capital	**GAS TRANSMISSION**	**SubTotal GT M&R STATIONS ADDITIONS/REPLACEMENTS**				**Yes**	**1,055**	**(1,679)**	**(1,729)**	**(1,781)**	**1,055**	**65%**	**-100%**	**-100%**	**-100%**	**65%**
Capital	GAS TRANSMISSION	GT PIPELINE REPLACEMENTS	Incident Related to the High Pressure System (Excluding Dig-in)	Leak Repair (HCA & Non-HCA)	Transmission - HCA	No	(816)	(840)	(866)	(892)	(816)	-100%	-100%	-100%	-100%	-100%
Capital	GAS TRANSMISSION	GT PIPELINE REPLACEMENTS	Incident Related to the High Pressure System (Excluding Dig-in)	Leak Repair (HCA & Non-HCA)	Transmission - Non-HCA	No	(179)	(185)	(190)	(196)	(179)	-100%	-100%	-100%	-100%	-100%
Capital	GAS TRANSMISSION	GT PIPELINE REPLACEMENTS	Incident Related to the High Pressure System (Excluding Dig-in)	Pipeline relocation and replacement (HCA & Non-HCA)	Transmission - HCA	No	(196)	(419)	(431)	(444)	(196)	-48%	-100%	-100%	-100%	-48%
Capital	GAS TRANSMISSION	GT PIPELINE REPLACEMENTS	Incident Related to the High Pressure System (Excluding Dig-in)	Pipeline relocation and replacement (HCA & Non-HCA)	Transmission - Non-HCA	No	(46)	(92)	(95)	(98)	(46)	-51%	-100%	-100%	-100%	-51%
Capital	GAS TRANSMISSION	GT PIPELINE REPLACEMENTS	Incident Related to the High Pressure System (Excluding Dig-in)	Shallow Exposure (HCA & Non-HCA)	Transmission - HCA	No	1,486	(419)	(431)	(444)	1,486	368%	-100%	-100%	-100%	368%
Capital	GAS TRANSMISSION	GT PIPELINE REPLACEMENTS	Incident Related to the High Pressure System (Excluding Dig-in)	Shallow Exposure (HCA & Non-HCA)	Transmission - Non-HCA	No	295	(92)	(95)	(98)	295	328%	-100%	-100%	-100%	328%
Capital	**GAS TRANSMISSION**	**SubTotal GT PIPELINE REPLACEMENTS**				**Yes**	**545**	**(2,047)**	**(2,108)**	**(2,172)**	**545**	**27%**	**-100%**	**-100%**	**-100%**	**27%**

SDG&E GAS TRANSMISSION OPERATIONS AND CONSTRUCTION Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference ($)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
Capital	GAS TRANSMISSION	MORENO COMPRESSOR STATION MODERNIZATION	Incident Related to the High Pressure System (Excluding Dig-in)	Compressor Stations - Capital	Transmission - Facilities	No	55,964	—	—	—	55,964	100%	—%	—%	—%	100%
Capital	**GAS TRANSMISSION**	**SubTotal MORENO COMPRESSOR STATION MODERNIZATION**				**Yes**	**55,964**	—	—	—	**55,964**	**100%**	**—%**	**—%**	**—%**	**100%**

SDG&E GAS TRANSMISSION OPERATIONS AND CONSTRUCTION Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
Capital	GAS TRANSMISSION OPERATIONS AND CONSTRUCTION	GAS TRANSMISSION OPERATIONS AND CONSTRUCTION				Yes																					
Capital	GAS TRANSMISSION	GT AUXILIARY EQUIPMENT& INFRASTRUCTURE	Non-RAMP	Non-RAMP	Non-RAMP	No	The activities tracked within this category are for projects associated with the installation of equipment to support transmission system operations that are not assigned to any other Budget Code. The scope of work is project-specific and varies significantly from project to project (i.e., installation of telemetric and recording equipment, auxiliary water, electrical, paving, moisture analyzer, pipe supports, methane sensing, etc.) Accordingly, project costs vary significantly from project to project as well. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																		
Capital	GAS TRANSMISSION	GT AUXILIARY EQUIPMENT& INFRASTRUCTURE	Incident Related to the High Pressure System (Excluding Dig-in)	Security and Auxiliary Equipment	Overall	No	The activities tracked within this category are for projects associated with the installation of equipment to support transmission system operations that are not assigned to any other Budget Code. The scope of work is project-specific and varies significantly from project to project (i.e., installation of telemetric and recording equipment, auxiliary water, electrical, paving, moisture analyzer, pipe supports, methane sensing, etc.) Accordingly, project costs vary significantly from project to project as well. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																		
Capital	**GAS TRANSMISSION**	**SubTotal GT AUXILIARY EQUIPMENT& INFRASTRUCTURE**				**Yes**																					
Capital	GAS TRANSMISSION	GT CAPITAL TOOLS	Non-RAMP	Non-RAMP	Non-RAMP	No	The activities tracked within this category are for projects associated with the replacement and purchase of required capital tools. Costs associated with this category vary significantly from item to item and from year to year. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																				
Capital	**GAS TRANSMISSION**	**SubTotal GT CAPITAL TOOLS**				**Yes**																					
Capital	GAS TRANSMISSION	GT CATHODIC PROTECTION	Incident Related to the High Pressure System (Excluding Dig-in)	Cathodic Protection - Capital (HCA & Non-HCA)	Transmission - HCA	No	The activities tracked within this category are for projects associated with the installation of cathodic protection equipment used to preserve transmission pipelines, such as surface anodes, rectifiers, and cathodic protection stations. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																				
Capital	GAS TRANSMISSION	GT CATHODIC PROTECTION	Incident Related to the High Pressure System (Excluding Dig-in)	Cathodic Protection - Capital (HCA & Non-HCA)	Transmission - Non-HCA	No	The activities tracked within this category are for projects associated with the installation of cathodic protection equipment used to preserve transmission pipelines, such as surface anodes, rectifiers, and cathodic protection stations. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																				
Capital	**GAS TRANSMISSION**	**SubTotal GT CATHODIC PROTECTION**				**Yes**																					
Capital	GAS TRANSMISSION	GT COMPRESSOR STATIONS ADDITIONS/REPLACEMENTS	Incident Related to the High Pressure System (Excluding Dig-in)	Compressor Stations - Capital	Transmission - Facilities	No	The activities tracked within this category are for projects associated with the replacement of compression station equipment. The scope of work is project-specific and varies significantly from project to project (i.e., automated data gathering systems, replacing outdated technology, emissions monitoring, catalyst, and combustion technologies, etc.) Accordingly, project costs vary significantly from project to project as well. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																		
Capital	**GAS TRANSMISSION**	**SubTotal GT COMPRESSOR STATIONS ADDITIONS/REPLACEMENTS**				**Yes**																					
Capital	GAS TRANSMISSION	GT M&R STATIONS ADDITIONS/REPLACEMENTS	Incident Related to the High Pressure System (Excluding Dig-in)	Measurement & Regulation - Capital (HCA & Non-HCA)	Transmission - HCA	No	The activities tracked within this category are for projects associated with installing and rebuilding meter set assemblies and pressure limiting stations. The scope of work is project-specific and varies significantly from project to project (e.g., station piping, valves, regulators, control and communications equipment, shelters, enclosure, etc.). Accordingly, project costs vary significantly from project to project as well. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																		
Capital	GAS TRANSMISSION	GT M&R STATIONS ADDITIONS/REPLACEMENTS	Incident Related to the High Pressure System (Excluding Dig-in)	Measurement & Regulation - Capital (HCA & Non-HCA)	Transmission - Non-HCA	No	The activities tracked within this category are for projects associated with installing and rebuilding meter set assemblies and pressure limiting stations. The scope of work is project-specific and varies significantly from project to project (e.g., station piping, valves, regulators, control and communications equipment, shelters, enclosure, etc.). Accordingly, project costs vary significantly from project to project as well. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																		
Capital	**GAS TRANSMISSION**	**SubTotal GT M&R STATIONS ADDITIONS/REPLACEMENTS**				**Yes**																					
Capital	GAS TRANSMISSION	GT PIPELINE REPLACEMENTS	Incident Related to the High Pressure System (Excluding Dig-in)	Leak Repair (HCA & Non-HCA)	Transmission - HCA	No	The activities tracked within this category are for projects associated with the replacement of pipelines to address identified leaks. The scope of work is project-specific and varies significantly from project to project (i.e., pipe size, location, installation method, etc.). Accordingly, project costs vary significantly from project to project as well. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																		
Capital	GAS TRANSMISSION	GT PIPELINE REPLACEMENTS	Incident Related to the High Pressure System (Excluding Dig-in)	Leak Repair (HCA & Non-HCA)	Transmission - Non-HCA	No	The activities tracked within this category are for projects associated with the replacement of pipelines to address identified leaks. The scope of work is project-specific and varies significantly from project to project (i.e., pipe size, location, installation method, etc.). Accordingly, project costs vary significantly from project to project as well. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																		
Capital	GAS TRANSMISSION	GT PIPELINE REPLACEMENTS	Incident Related to the High Pressure System (Excluding Dig-in)	Pipeline relocation and replacement (HCA & Non-HCA)	Transmission - HCA	No	This activity is associated with the replacement of pipelines due to the condition or hazardous conditions affecting the pipeline such as poor coating and changes to the class location of the pipeline. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																				
Capital	GAS TRANSMISSION	GT PIPELINE REPLACEMENTS	Incident Related to the High Pressure System (Excluding Dig-in)	Pipeline relocation and replacement (HCA & Non-HCA)	Transmission - Non-HCA	No	This activity is associated with the replacement of pipelines due to the condition or hazardous conditions affecting the pipeline such as poor coating and changes to the class location of the pipeline. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																				
Capital	GAS TRANSMISSION	GT PIPELINE REPLACEMENTS	Incident Related to the High Pressure System (Excluding Dig-in)	Shallow Exposure (HCA & Non-HCA)	Transmission - HCA	No	This activity is associated with the replacement of pipelines due to the condition or hazardous conditions affecting the pipeline such as erosion and exposure of the pipeline. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																				
Capital	GAS TRANSMISSION	GT PIPELINE REPLACEMENTS	Incident Related to the High Pressure System (Excluding Dig-in)	Shallow Exposure (HCA & Non-HCA)	Transmission - Non-HCA	No	This activity is associated with the replacement of pipelines due to the condition or hazardous conditions affecting the pipeline such as erosion and exposure of the pipeline. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																				
Capital	**GAS TRANSMISSION**	**SubTotal GT PIPELINE REPLACEMENTS**				**Yes**																					

SDG&E GAS TRANSMISSION OPERATIONS AND CONSTRUCTION Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
Capital	GAS TRANSMISSION	MORENO COMPRESSOR STATION MODERNIZATION	Incident Related to the High Pressure System (Excluding Dig-in)	Compressor Stations - Capital	Transmission - Facilities	No	The Moreno Compressor Station Modernization (MCM) project consists of a variety of activities including installation of two new electric driven compressors (EDCs), two new compressor gas turbines, two new natural gas-fueled emergency generators, one new building for CGTs, one new building for EDCs, and associated compression support and emission control equipment. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																			
Capital	**GAS TRANSMISSION**	**SubTotal MORENO COMPRESSOR STATION MODERNIZATION**				**Yes**																					

SDG&E GAS TRANSMISSION OPERATIONS AND CONSTRUCTION Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Safety, Reliability, or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status	Status Variance Explanation Required?
Capital	GAS TRANSMISSION OPERATIONS AND CONSTRUCTION	GAS TRANSMISSION OPERATIONS AND CONSTRUCTION				Yes										
Capital	GAS TRANSMISSION	GT AUXILIARY EQUIPMENT& INFRASTRUCTURE	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	Under (U)	Under (U)	Under (U)	Other	YES
Capital	GAS TRANSMISSION	GT AUXILIARY EQUIPMENT& INFRASTRUCTURE	Incident Related to the High Pressure System (Excluding Dig-in)	Security and Auxiliary Equipment	Overall	No	YES	YES	NO	The variance in the Security and Auxiliary RAMP category was associated with one security gate upgrade project. All 2024 Security and Auxiliary Equipment costs were determined to be RAMP.	N/A	On Target (T)	On Target (T)	Over (O)	Proceeding as Planned	NO
Capital	**GAS TRANSMISSION**	**SubTotal GT AUXILIARY EQUIPMENT& INFRASTRUCTURE**				**Yes**	**YES**	**YES**								**NO**
Capital	GAS TRANSMISSION	GT CAPITAL TOOLS	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	**GAS TRANSMISSION**	**SubTotal GT CAPITAL TOOLS**				**Yes**	**YES**	**NO**								**NO**
Capital	GAS TRANSMISSION	GT CATHODIC PROTECTION	Incident Related to the High Pressure System (Excluding Dig-in)	Cathodic Protection - Capital (HCA & Non-HCA)	Transmission - HCA	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	Under (U)	Proceeding as Planned	NO
Capital	GAS TRANSMISSION	GT CATHODIC PROTECTION	Incident Related to the High Pressure System (Excluding Dig-in)	Cathodic Protection - Capital (HCA & Non-HCA)	Transmission - Non-HCA	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	Under (U)	Proceeding as Planned	NO
Capital	**GAS TRANSMISSION**	**SubTotal GT CATHODIC PROTECTION**				**Yes**	**YES**	**NO**								**NO**
Capital	GAS TRANSMISSION	GT COMPRESSOR STATIONS ADDITIONS/REPLACEMENTS	Incident Related to the High Pressure System (Excluding Dig-in)	Compressor Stations - Capital	Transmission - Facilities	No	YES	YES	NO	The variance is due to lower 2024 spending than the historical 5-year average authorized due to on-going modernization work resulting in fewer capital improvements needed.	N/A	On Target (T)	On Target (T)	Under (U)	Proceeding as Planned	NO
Capital	**GAS TRANSMISSION**	**SubTotal GT COMPRESSOR STATIONS ADDITIONS/REPLACEMENTS**				**Yes**	**YES**	**YES**								**NO**
Capital	GAS TRANSMISSION	GT M&R STATIONS ADDITIONS/REPLACEMENTS	Incident Related to the High Pressure System (Excluding Dig-in)	Measurement & Regulation - Capital (HCA & Non-HCA)	Transmission - HCA	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	Over (O)	Proceeding as Planned	NO
Capital	GAS TRANSMISSION	GT M&R STATIONS ADDITIONS/REPLACEMENTS	Incident Related to the High Pressure System (Excluding Dig-in)	Measurement & Regulation - Capital (HCA & Non-HCA)	Transmission - Non-HCA	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	Over (O)	Proceeding as Planned	NO
Capital	**GAS TRANSMISSION**	**SubTotal GT M&R STATIONS ADDITIONS/REPLACEMENTS**				**Yes**	**YES**	**YES**		**The cost variance in this category is due to higher than the 5-year average cost forecasted in the TY 2024 GRC for aging infrastructure, equipment replacement, major maintenance and overhauls that were required to support capacity and reliability across several pipeline pressure limiting stations.**						**NO**
Capital	GAS TRANSMISSION	GT PIPELINE REPLACEMENTS	Incident Related to the High Pressure System (Excluding Dig-in)	Leak Repair (HCA & Non-HCA)	Transmission - HCA	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	Under (U)	Proceeding as Planned	YES
Capital	GAS TRANSMISSION	GT PIPELINE REPLACEMENTS	Incident Related to the High Pressure System (Excluding Dig-in)	Leak Repair (HCA & Non-HCA)	Transmission - Non-HCA	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	Under (U)	Proceeding as Planned	YES
Capital	GAS TRANSMISSION	GT PIPELINE REPLACEMENTS	Incident Related to the High Pressure System (Excluding Dig-in)	Pipeline relocation and replacement (HCA & Non-HCA)	Transmission - HCA	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	Under (U)	Proceeding as Planned	NO
Capital	GAS TRANSMISSION	GT PIPELINE REPLACEMENTS	Incident Related to the High Pressure System (Excluding Dig-in)	Pipeline relocation and replacement (HCA & Non-HCA)	Transmission - Non-HCA	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	Under (U)	Proceeding as Planned	NO
Capital	GAS TRANSMISSION	GT PIPELINE REPLACEMENTS	Incident Related to the High Pressure System (Excluding Dig-in)	Shallow Exposure (HCA & Non-HCA)	Transmission - HCA	No	YES	YES	NO	Higher than anticipated spending was due to an increase in shallow pipeline mitigation projects. These unanticipated projects were needed to address safety concerns related to exposed pipelines caused by washouts from heavy rains.	N/A	On Target (T)	On Target (T)	Over (O)	Proceeding as Planned	NO
Capital	GAS TRANSMISSION	GT PIPELINE REPLACEMENTS	Incident Related to the High Pressure System (Excluding Dig-in)	Shallow Exposure (HCA & Non-HCA)	Transmission - Non-HCA	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	Over (O)	Proceeding as Planned	NO
Capital	**GAS TRANSMISSION**	**SubTotal GT PIPELINE REPLACEMENTS**				**Yes**	**YES**	**NO**								**NO**

SDG&E GAS TRANSMISSION OPERATIONS AND CONSTRUCTION Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Safety, Reliability, or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status	Status Variance Explanation Required?
Capital	GAS TRANSMISSION	MORENO COMPRESSOR STATION MODERNIZATION	Incident Related to the High Pressure System (Excluding Dig-in)	Compressor Stations - Capital	Transmission - Facilities	No	YES	YES	NO	The primary purpose of the MCM Project is to comply with the sunset of the South Coast AQMD's Regional Clean Air Incentives Market (RECLAIM) program for NOx requirements. This project is exempt from GO 177 because the associated Permit to Construct application to the AQMD was submitted prior to the effective date of the General Order. In D.24-12-074, the Commission recognized that "the MCM project is important for safety and reliability and for mitigating the risk of impacting future customer costs and non-compliance with SCAQMD regulations for various reasons."; however, the decision did not authorize costs to be placed into rates and instead ordered SDG&E to file for cost recovery via a Tier II Advice Letter upon completing and placing the project into service. The costs incurred in 2024 are associated with execution of Phase 1 Detailed Engineering and Procurement activities, associated company labor and support services, continued environmental evaluation and applications for biological permits, and Southern California Edison (SCE) Method of Service study; all of which support the modernization of the existing station and associated safety and reliability benefits.	N/A	On Target (T)	On Target (T)	Under (U)	Proceeding as Planned	NO
Capital	**GAS TRANSMISSION**	**SubTotal MORENO COMPRESSOR STATION MODERNIZATION**				**Yes**	**YES**	**YES**								**NO**

SDG&E GAS TRANSMISSION OPERATIONS AND CONSTRUCTION Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Status Variance Explanation	WP Activity Description	2024 GRC Testimony Location
Capital	GAS TRANSMISSION OPERATIONS AND CONSTRUCTION	GAS TRANSMISSION OPERATIONS AND CONSTRUCTION				Yes			
Capital	GAS TRANSMISSION	GT AUXILIARY EQUIPMENT& INFRASTRUCTURE	Non-RAMP	Non-RAMP	Non-RAMP	No	All costs in this category in 2024 were determined to be RAMP.	The Auxiliary Equipment & Infrastructure capital request captures the cost of equipment used to support the natural gas transmission system operations that cannot appropriately be assigned to a specific project. This category includes, among other items, RAMP-related costs associated with physical security upgrades to energy infrastructure and equipment to assist SDG&E with real-time monitoring of land movement. Security and auxiliary equipment expenses consist of the planning, installation, construction, and closeout of security cameras, lighting, gates, locks, and equipment upgrades such as pipe supports and analyzers at gas transmission facilities.	SDG&E-06-E RC/SH-34 to RC/SH-36 CWP 004190
Capital	GAS TRANSMISSION	GT AUXILIARY EQUIPMENT& INFRASTRUCTURE	Incident Related to the High Pressure System (Excluding Dig-in)	Security and Auxiliary Equipment	Overall	No	N/A	The Auxiliary Equipment & Infrastructure capital request captures the cost of equipment used to support the natural gas transmission system operations that cannot appropriately be assigned to a specific project. This category includes, among other items, RAMP-related costs associated with physical security upgrades to energy infrastructure and equipment to assist SDG&E with real-time monitoring of land movement. Security and auxiliary equipment expenses consist of the planning, installation, construction, and closeout of security cameras, lighting, gates, locks, and equipment upgrades such as pipe supports and analyzers at gas transmission facilities.	SDG&E-06-E RC/SH-34 to RC/SH-36 CWP 004190
Capital	**GAS TRANSMISSION**	**SubTotal GT AUXILIARY EQUIPMENT& INFRASTRUCTURE**				**Yes**			
Capital	GAS TRANSMISSION	GT CAPITAL TOOLS	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
Capital	**GAS TRANSMISSION**	**SubTotal GT CAPITAL TOOLS**				**Yes**			
Capital	GAS TRANSMISSION	GT CATHODIC PROTECTION	Incident Related to the High Pressure System (Excluding Dig-in)	Cathodic Protection - Capital (HCA & Non-HCA)	Transmission - HCA	No	N/A		
Capital	GAS TRANSMISSION	GT CATHODIC PROTECTION	Incident Related to the High Pressure System (Excluding Dig-in)	Cathodic Protection - Capital (HCA & Non-HCA)	Transmission - Non-HCA	No	N/A		
Capital	**GAS TRANSMISSION**	**SubTotal GT CATHODIC PROTECTION**				**Yes**			
Capital	GAS TRANSMISSION	GT COMPRESSOR STATIONS ADDITIONS/REPLACEMENTS	Incident Related to the High Pressure System (Excluding Dig-in)	Compressor Stations - Capital	Transmission - Facilities	No	N/A	This category includes costs associated with the installation and replacement of compressor station equipment used in operating the transmission system. The environmental and regulations associated with the operation of compressor stations requires consistent maintenance and replacement of key engine components and controls equipment to maintain acceptable emissions levels. New air quality regulations require emissions monitoring and reporting equipment along with new catalyst and combustion technology to meet lower emission levels.	SDG&E-06-E RC/SH-28 to RC/SH-29 CWP 004150
Capital	**GAS TRANSMISSION**	**SubTotal GT COMPRESSOR STATIONS ADDITIONS/REPLACEMENTS**				**Yes**			
Capital	GAS TRANSMISSION	GT M&R STATIONS ADDITIONS/REPLACEMENTS	Incident Related to the High Pressure System (Excluding Dig-in)	Measurement & Regulation - Capital (HCA & Non-HCA)	Transmission - HCA	No	N/A		
Capital	GAS TRANSMISSION	GT M&R STATIONS ADDITIONS/REPLACEMENTS	Incident Related to the High Pressure System (Excluding Dig-in)	Measurement & Regulation - Capital (HCA & Non-HCA)	Transmission - Non-HCA	No	N/A		
Capital	**GAS TRANSMISSION**	**SubTotal GT M&R STATIONS ADDITIONS/REPLACEMENTS**				**Yes**		**This Budget Code includes costs of installing and rebuilding large meter set assemblies (MSAs) for transmission-served customers and pressure limiting stations residing on the gas transmission system. These assets require replacement for three principal reasons: aging, change in use patterns and/or population encroachment, and enhancement of the transmission system to contend with gas quality and capacity issues. The capital work sustains reliable operation of critical transmission assets to the extent that they are not compromised by equipment deployed past its useful life. This includes periodic replacement of local field measurement and control equipment directly linking with Gas Operations SCADA system via remote communications.**	**SDG&E-06-E RC/SH-32 to RC/SH-34 CWP 004080**
Capital	GAS TRANSMISSION	GT PIPELINE REPLACEMENTS	Incident Related to the High Pressure System (Excluding Dig-in)	Leak Repair (HCA & Non-HCA)	Transmission - HCA	No	No leaks projects were identified in 2024. When projects are identified leaks must be remediated in accordance to General Order 112-F.	Leak repair activities consist of the planning, installation, construction, and closeout of projects initiated due to leaks on transmission pipelines or appurtenances. Classification of leaks is based on relative degree of hazard and must be remediated in accordance with the timelines set out by General Order 112-F. Leak repair activities are necessary to uphold public safety, maintain system reliability, and meet regulatory requirements. No leaks projects were identified in 2024.	SDG&E-06-E RC/SH-25 to RC/SH-28 CWP 004120.001
Capital	GAS TRANSMISSION	GT PIPELINE REPLACEMENTS	Incident Related to the High Pressure System (Excluding Dig-in)	Leak Repair (HCA & Non-HCA)	Transmission - Non-HCA	No	No leaks projects were identified in 2024. When projects are identified leaks must be remediated in accordance to General Order 112-F.	Leak repair activities consist of the planning, installation, construction, and closeout of projects initiated due to leaks on transmission pipelines or appurtenances. Classification of leaks is based on relative degree of hazard and must be remediated in accordance with the timelines set out by General Order 112-F. Leak repair activities are necessary to uphold public safety, maintain system reliability, and meet regulatory requirements.	SDG&E-06-E RC/SH-25 to RC/SH-28 CWP 004120.001
Capital	GAS TRANSMISSION	GT PIPELINE REPLACEMENTS	Incident Related to the High Pressure System (Excluding Dig-in)	Pipeline relocation and replacement (HCA & Non-HCA)	Transmission - HCA	No	N/A		
Capital	GAS TRANSMISSION	GT PIPELINE REPLACEMENTS	Incident Related to the High Pressure System (Excluding Dig-in)	Pipeline relocation and replacement (HCA & Non-HCA)	Transmission - Non-HCA	No	N/A		
Capital	GAS TRANSMISSION	GT PIPELINE REPLACEMENTS	Incident Related to the High Pressure System (Excluding Dig-in)	Shallow Exposure (HCA & Non-HCA)	Transmission - HCA	No	N/A	Shallow or exposed pipe activities consist of the planning, installation, construction, and closeout of projects to add additional cover or protection to transmission pipelines. Exposed pipelines are inspected for signs of corrosion, metallurgical flaws, construction flaws, and mechanical damage. Concrete weirment mats (technology designed to help prevent shoreline erosion) and/or additional earth coverage are installed to prevent damage to exposed/shallow pipe caused by corrosion, third party damage, erosion, or other external forces.	SDG&E-06-E RC/SH-25 to RC/SH-28 CWP 004120.004
Capital	GAS TRANSMISSION	GT PIPELINE REPLACEMENTS	Incident Related to the High Pressure System (Excluding Dig-in)	Shallow Exposure (HCA & Non-HCA)	Transmission - Non-HCA	No	N/A		
Capital	**GAS TRANSMISSION**	**SubTotal GT PIPELINE REPLACEMENTS**				**Yes**			

SDG&E GAS TRANSMISSION OPERATIONS AND CONSTRUCTION Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Status/Variance Explanation	WP Activity Description	2024 GRC Testimony Location
Capital	GAS TRANSMISSION	MORENO COMPRESSOR STATION MODERNIZATION	Incident Related to the High Pressure System (Excluding Dig-in)	Compressor Stations - Capital	Transmission - Facilities	No	N/A	The Moreno Compressor Station Modernization (MCM) project consists of a variety of activities including installation of two new electric driven compressors (EDCs), two new compressor gas turbines, two new natural gas-fueled emergency generators, one new building for CGTs, one new building for EDCs, and associated compression support and emission control equipment.	SDG&E-06-E RC/SH-37 to RC/SH-40 CWP Appendix B
Capital	**GAS TRANSMISSION**	**SubTotal MORENO COMPRESSOR STATION MODERNIZATION**				**Yes**			

SDG&E GAS ENGINEERING Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date ($)
Capital	GAS ENGINEERING	GAS ENGINEERING				Yes			367	--	--	--	367	294	303	312	321	294
Capital	GAS ENGINEERING	Local GT Supervision and Engineering Pool	Non-RAMP	Non-RAMP	Non-RAMP	No	Ongoing	Annual	367	--	--	--	367	294	303	312	321	294
Capital	**GAS ENGINEERING**	**Sub Total Local GT Supervision and Engineering Pool**				**Yes**			**367**	**--**	**--**	**--**	**367**	**294**	**303**	**312**	**321**	**294**

SDG&E GAS ENGINEERING Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference ($)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
Capital	GAS ENGINEERING	GAS ENGINEERING				Yes	75	(303)	(312)	(321)	75	25%	-100%	-100%	-100%	25%
Capital	GAS ENGINEERING	Local GT Supervision and Engineering Pool	Non-RAMP	Non-RAMP	Non-RAMP	No	75	(303)	(312)	(321)	75	25%	-100%	-100%	-100%	25%
Capital	**GAS ENGINEERING**	**Sub Total Local GT Supervision and Engineering Pool**				**Yes**	**75**	**(303)**	**(312)**	**(321)**	**75**	**25%**	**-100%**	**-100%**	**-100%**	**25%**

SDG&E GAS ENGINEERING Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
Capital	GAS ENGINEERING	GAS ENGINEERING				Yes																					
Capital	GAS ENGINEERING	Local GT Supervision and Engineering Pool	Non-RAMP	Non-RAMP	Non-RAMP	No	Local Gas Transmission Supervision & Engineering Overhead Pool captures expenditures that include labor costs for planning, and engineering of capital gas infrastructure projects. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																				
Capital	GAS ENGINEERING	Sub Total Local GT Supervision and Engineering Pool				Yes																					

SDG&E GAS ENGINEERING Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Safety, Reliability, or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status	Status Variance Explanation Required?
Capital	GAS ENGINEERING	GAS ENGINEERING				Yes										
Capital	GAS ENGINEERING	Local GT Supervision and Engineering Pool	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	**GAS ENGINEERING**	**Sub Total Local GT Supervision and Engineering Pool**				**Yes**	**YES**	**NO**								**NO**

SDG&E GAS ENGINEERING Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Status Variance Explanation	WP Activity Description	2024 GRC Testimony Location
Capital	GAS ENGINEERING	GAS ENGINEERING				Yes			
Capital	GAS ENGINEERING	Local GT Supervision and Engineering Pool	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
Capital	GAS ENGINEERING	**Sub Total Local GT Supervision and Engineering Pool**				Yes			

SDG&E GAS INTEGRITY MANAGEMENT PROGRAMS Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date ($)
Capital	GAS INTEGRITY MANAGEMENT PROGRAMS	GAS INTEGRITY MANAGEMENT PROGRAMS				Yes			11,473	---	---	---	11,423	27,661	27,973	28,709	29,571	27,661
Capital	GAS INTEGRITY PROGRAMS	GAS SAFETY ENHANCEMENT PROGRAMS	Incident Related to the High Pressure System (Excluding Dig-in)	Gas Transmission Safety Rule - MAOP Reconfirmation (HCA and Non-HCA)	Transmission - HCA	No	14	4	9,824	---	---	---	9,824	26,694	25,434	26,198	26,983	24,694
Capital	GAS INTEGRITY PROGRAMS	GAS SAFETY ENHANCEMENT PROGRAMS	Incident Related to the High Pressure System (Excluding Dig-in)	Gas Transmission Safety Rule - MAOP Reconfirmation (HCA and Non-HCA)	Transmission - Non-HCA	No	14	4	1,599	---	---	---	1,599	1,575	1,623	1,671	1,722	1,575
Capital	GAS INTEGRITY PROGRAMS	GAS SAFETY ENHANCEMENT PROGRAMS	Incident Related to the High Pressure System (Excluding Dig-in)	NEW - Gas Transmission Safety Rule (GTSR) Part 2	Transmission - HCA & non-HCA	No	On-going	Annual	---	---	---	---	---	332	342	352	363	332
Capital	GAS INTEGRITY PROGRAMS	GAS SAFETY ENHANCEMENT PROGRAMS	Incident Related to the High Pressure System (Excluding Dig-in)	NEW - Valve Rule	Transmission - HCA & non-HCA	No	On-going	Annual	---	---	---	---	---	460	474	488	503	460
Capital	**GAS INTEGRITY PROGRAMS**	**SubTotal GAS SAFETY ENHANCEMENT PROGRAMS**				Yes			**11,423**	**---**	**---**	**---**	**11,423**	**27,661**	**27,873**	**28,709**	**29,571**	**27,661**

SDG&E GAS INTEGRITY MANAGEMENT PROGRAMS Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference ($)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
Capital	GAS INTEGRITY MANAGEMENT PROGRAMS	GAS INTEGRITY MANAGEMENT PROGRAMS				Yes	(15,638)	(27,077)	(28,709)	(29,571)	(15,638)	-58%	-100%	-100%	-100%	-58%
Capital	GAS INTEGRITY PROGRAMS	GAS SAFETY ENHANCEMENT PROGRAMS	Incident Related to the High Pressure System (Excluding Dig-in)	Gas Transmission Safety Rule - MAOP Reconfirmation (HCA and Non-HCA)	Transmission - HCA	No	(14,870)	(25,434)	(26,198)	(26,983)	(14,870)	-60%	-100%	-100%	-100%	-60%
Capital	GAS INTEGRITY PROGRAMS	GAS SAFETY ENHANCEMENT PROGRAMS	Incident Related to the High Pressure System (Excluding Dig-in)	Gas Transmission Safety Rule - MAOP Reconfirmation (HCA and Non-HCA)	Transmission - Non-HCA	No	24	(1,623)	(1,671)	(1,722)	24	2%	-100%	-100%	-100%	2%
Capital	GAS INTEGRITY PROGRAMS	GAS SAFETY ENHANCEMENT PROGRAMS	Incident Related to the High Pressure System (Excluding Dig-in)	NEW - Gas Transmission Safety Rule (GTSR) Part 2	Transmission - HCA & non-HCA	No	(332)	(342)	(352)	(363)	(332)	-100%	-100%	-100%	-100%	-100%
Capital	GAS INTEGRITY PROGRAMS	GAS SAFETY ENHANCEMENT PROGRAMS	Incident Related to the High Pressure System (Excluding Dig-in)	NEW - Valve Rule	Transmission - HCA & non-HCA	No	(460)	(474)	(488)	(503)	(460)	-100%	-100%	-100%	-100%	-100%
Capital	**GAS INTEGRITY PROGRAMS**	**SubTotal GAS SAFETY ENHANCEMENT PROGRAMS**				Yes	**(15,638)**	**(27,873)**	**(28,709)**	**(29,571)**	**(15,638)**	**-58%**	**-100%**	**-100%**	**-100%**	**-58%**

SDG&E GAS INTEGRITY MANAGEMENT PROGRAMS Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
Capital	GAS INTEGRITY MANAGEMENT PROGRAMS	GAS INTEGRITY MANAGEMENT PROGRAMS				Yes																					
Capital	GAS INTEGRITY PROGRAMS	GAS SAFETY ENHANCEMENT PROGRAMS	Incident Related to the High Pressure System (Excluding Dig-in)	Gas Transmission Safety Rule - MAOP Reconfirmation (HCA and Non-HCA)	Transmission - HCA	No	Miles reconfirmed	---				---	2				2	(2)	0	0	0	(2)	(100)%	0 %	0%	0 %	(100)%
Capital	GAS INTEGRITY PROGRAMS	GAS SAFETY ENHANCEMENT PROGRAMS	Incident Related to the High Pressure System (Excluding Dig-in)	Gas Transmission Safety Rule - MAOP Reconfirmation (HCA and Non-HCA)	Transmission - Non-HCA	No	Miles reconfirmed	---				---	0				0	(0)	0	0	0	(0)	(100)%	0 %	0%	0 %	(100)%
Capital	GAS INTEGRITY PROGRAMS	GAS SAFETY ENHANCEMENT PROGRAMS	Incident Related to the High Pressure System (Excluding Dig-in)	NEW - Gas Transmission Safety Rule (GTSR) Part 2	Transmission - HCA & non-HCA	No	Capital activities are driven by O&M activities , for which SDG&E identified units. Additionally, a unit of measure is not feasible for the variety of capital activities that could result from O&M activities to comply with GTSR Part 2.																				
Capital	GAS INTEGRITY PROGRAMS	GAS SAFETY ENHANCEMENT PROGRAMS	Incident Related to the High Pressure System (Excluding Dig-in)	NEW - Valve Rule	Transmission - HCA & non-HCA	No	Assets installed - valves	---				---	0				0	(0)	0	0	0	(0)	(100)%	0 %	0%	0 %	(100)%
Capital	GAS INTEGRITY PROGRAMS	SubTotal GAS SAFETY ENHANCEMENT PROGRAMS				Yes																					

SDG&E GAS INTEGRITY MANAGEMENT PROGRAMS Capital

Type	Witness Area (Same of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Safety Reliability, or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status	Status Variance Explanation Required?
Capital	GAS INTEGRITY MANAGEMENT PROGRAMS	GAS INTEGRITY MANAGEMENT PROGRAMS				Yes										
Capital	GAS INTEGRITY PROGRAMS	GAS SAFETY ENHANCEMENT PROGRAMS	Incident Related to the High Pressure System (Excluding Digs)	Gas Transmission Safety Rule - MAOP Reconfirmation (HCA and Non-HCA)	Transmission - HCA	No	YES	YES	YES	Pursuant to 49 CFR § 192.624, SDG&E is required to reconfirm by July 2035 the maximum allowable operating pressure (MAOP) of transmission lines that either: 1) do not have traceable, verifiable, or complete pressure test records to establish MAOP in accordance with 49 C.F.R. § 192.619(a) and are located in high consequence areas (HCAs) or Class 3 or 4 locations, or 2) have an MAOP established in accordance with 49 CFR § 192.619(c), have an MAOP greater than 30% SMYS, and are located in HCAs, Class 3 or 4 locations, or – where the segment can accommodate an in-line inspection (ILI) tool – moderate consequence areas (MCAs). Since MAOP reconfirmation projects can span both HCA and non-HCA segments and these tranches should be viewed in aggregate The costs incurred in 2024 are attributed to the planning and execution of MAOP reconfirmation projects utilizing the pressure testing and replacement methods of reconfirmation. The variance is primarily due to a reduction in the incremental scope subject to the Gas Transmission Safety Rule (GTSR) Part 1, as a result of SDG&E scope validation and management efforts since the TY 2024 GRC application was filed. SDG&E was able to leverage efficiencies attained through the execution of Pipeline Safety Enhancement Plan (PSEP) projects that contained overlapping scope subject to the requirements of GTSR Part 1. SDG&E balanced its portfolio and incremental MAOP reconfirmation projects were deferred to future years within the GRC cycle.	Pursuant to 49 CFR § 192.624, SDGAE is required to reconfirm by July 2035 the maximum allowable operating pressure (MAOP) of transmission lines that either: 1) do not have traceable, verifiable, or complete pressure test records to establish MAOP in accordance with 49 C.F.R. § 192.619(a) and are located in high consequence areas (HCAs) or Class 3 or 4 locations, or 2) have an MAOP established in accordance with 49 CFR § 192.619(c), have an MAOP greater than 30% SMYS, and are located in HCAs, Class 3 or 4 locations, or – where the segment can accommodate an in-line inspection (ILI) tool – moderate consequence areas (MCAs). Since MAOP reconfirmation projects can span both HCA and non-HCA segments and these tranches should be viewed in aggregate. In 2024, progress towards the interim compliance deadline was achieved through the execution of PSEP projects that contained overlapping scope subject to the requirements of GTSR Part 1.	On Target (T)	On Target (T)	Under (U)	Proceeding as Planned	NO
Capital	GAS INTEGRITY PROGRAMS	GAS SAFETY ENHANCEMENT PROGRAMS	Incident Related to the High Pressure System (Excluding Digs)	Gas Transmission Safety Rule - MAOP Reconfirmation (HCA and Non-HCA)	Transmission - Non HCA	No	YES	NO	YES	N/A	Pursuant to 49 CFR § 192.624, SoCalGas is required to reconfirm by July 2035 the MAOP of transmission lines that either: 1) do not have traceable, verifiable, or complete pressure test records to establish MAOP in accordance with 49 C.F.R § 192.619(a) and are located in HCAs or Class 3 or 4 locations, or 2) have an MAOP established in accordance with 49 CFR § 192.619(c), have an MAOP greater than 30% SMYS, and are located in HCAs, Class 3 or 4 locations, or – where the segment can accommodate an in-line inspection (ILI) tool – MCAs. Since MAOP reconfirmation projects can span both HCA and non-HCA segments and these tranches should be viewed in aggregate. In 2024, progress towards the interim compliance deadline was achieved through the execution of PSEP projects that contained overlapping scope subject to the requirements of GTSR Part 1.	On Target (T)	On Target (T)	Under (U)	Proceeding as Planned	NO
Capital	GAS INTEGRITY PROGRAMS	GAS SAFETY ENHANCEMENT PROGRAMS	Incident Related to the High Pressure System (Excluding Digs)	NEW - Gas Transmission Safety Rule (GTSR) Part 2	Transmission - HCA & non-HCA	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	Under (U)	Proceeding as Planned	YES
Capital	GAS INTEGRITY PROGRAMS	GAS SAFETY ENHANCEMENT PROGRAMS	Incident Related to the High Pressure System (Excluding Digs)	NEW - Valve Rule	Transmission - HCA & non-HCA	No	YES	NO	YES	N/A	Valve Rule projects comprise the installation of rupture mitigation valves (RMVs) on transmission pipeline segments as required by the Valve Rule (87 FR 20840). Due to planning and operational considerations, work has been deferred to future years within the GRC cycle.	On Target (T)	On Target (T)	Under (U)	Proceeding as Planned	YES
Capital	GAS INTEGRITY PROGRAMS	SubTotal GAS SAFETY ENHANCEMENT PROGRAMS				Yes	YES	YES								NO

SDG&E GAS INTEGRITY MANAGEMENT PROGRAMS Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Status Variance Explanation	WP Activity Description	2028 GRC Testimony Location
Capital	GAS INTEGRITY MANAGEMENT PROGRAMS	GAS INTEGRITY MANAGEMENT PROGRAMS				Yes			
Capital	GAS INTEGRITY PROGRAMS	GAS SAFETY ENHANCEMENT PROGRAMS	Incident Related to the High Pressure System (Excluding Digs-in)	Gas Transmission Safety Rule - MAOP Reconfirmation (HCA and Non-HCA)	Transmission - HCA	No	N/A	GTSR capital activities in budget code 214770 include reconfirming the maximum allowable operating pressure (MAOP) in accordance with 49 CFR § 192.624 and PUC § 958 on the DOT-defined transmission pipelines. For these transmission lines, costs include reconfirmation using the following methods: pressure testing and replacement.	SDGE-09-R AK-TS-54 to AK-TS-59 CWP 214770.001
Capital	GAS INTEGRITY PROGRAMS	GAS SAFETY ENHANCEMENT PROGRAMS	Incident Related to the High Pressure System (Excluding Digs-in)	Gas Transmission Safety Rule - MAOP Reconfirmation (HCA and Non-HCA)	Transmission - Non HCA	No	N/A	GTSR capital activities in budget code 214770 include reconfirming the maximum allowable operating pressure (MAOP) in accordance with 49 CFR § 192.624 and PUC § 958 on the DOT-defined transmission pipelines. For these transmission lines, costs include reconfirmation using the following methods: pressure testing and replacement.	SDGE-09-R AK-TS-54 to AK-TS-59 CWP 214770.001
Capital	GAS INTEGRITY PROGRAMS	GAS SAFETY ENHANCEMENT PROGRAMS	Incident Related to the High Pressure System (Excluding Digs-in)	NEW - Gas Transmission Safety Rule (GTSR) Part 2	Transmission - HCA & non-HCA	No	The primary driver for GTSR Part 2 is to ensure corrosion control activities as required by 49 CFR 192.465 and 192.475. In 2024, SDG&E did not encounter conditions requiring GTSR Part 2 compliance activities as previously expected. However, the scope of work remains necessary and SDG&E continues to monitor and manage its pipelines in accordance with GTSR Part 2 requirements and anticipates.	Capital activities in budget code 214770 address the requirements of the GTSR Parts 1 and 2, as well as the Valve Rule. These costs are forecasted for the implementation of the Valve Rule requirements , which include the installation of rupture mitigation valves for new or replacement transmission pipelines of at least 2 contiguous miles based on HCA and class location. Costs are inclusive of materials, communications equipment, and installation. Activities will be driven by compliance with 85 FR 7162.	SDGE-09-R AK-TS-54 to AK-TS-59 CWP 214770.003
Capital	GAS INTEGRITY PROGRAMS	GAS SAFETY ENHANCEMENT PROGRAMS	Incident Related to the High Pressure System (Excluding Digs-in)	NEW - Valve Rule	Transmission - HCA & non-HCA	No	At the time the TY 2024 GRC application was filed, the Valve Rule installations were expected to begin in 2024; however, updated planning and resource prioritization shifted execution into future years. The scope of work remains necessary, and the projects are currently in the early stages of planning and scheduling. Expenditures are expected in future years of this GRC cycle.	Capital activities in budget code 214770 address the requirements of the GTSR Parts 1 and 2, as well as the Valve Rule. These costs are forecasted for the implementation of the Valve Rule requirements , which include the installation of rupture mitigation valves for new or replacement transmission pipelines of at least 2 contiguous miles based on HCA and class location. Costs are inclusive of materials, communications equipment, and installation. Activities will be driven by compliance with 85 FR 7162.	SDGE-09-R AK-TS-54 to AK-TS-59 CWP 214770.005
Capital	GAS INTEGRITY PROGRAMS	SubTotal GAS SAFETY ENHANCEMENT PROGRAMS				Yes			

SDG&E FACILITIES/OTHER Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date ($)
Chapter	FACILITIES/OTHER	FAC FACILITIES/OTHER				Yes			19,911	—	—	—	19,911	21,628	22,966	24,436	26,139	27,230
Capital	FACILITIES/OTHER	CHULA VISTA YARD SECURITY IMPROVEMENTS	Non-RAMP	Non-RAMP	Non-RAMP	No	2	Canceled	—	—	—	—	—	5,176	5,331	5,491	5656	5,176
Capital	**FACILITIES/OTHER**	**SubTotal CHULA VISTA YARD SECURITY IMPROVEMENTS**				**Yes**			—	—	—	—	—	**5,176**	**5,331**	**5,491**	**5656**	**5,176**
Capital	FACILITIES/OTHER	CLEAN TRANSPORTATION INFRASTRUCTURE	Non-RAMP	Non-RAMP	Non-RAMP	No			1,471	—	—	—	1,471	14,444	14,877	15,323	15783	14,444
Capital	**FACILITIES/OTHER**	**SubTotal CLEAN TRANSPORTATION INFRASTRUCTURE**				**Yes**			**1,471**	—	—	—	**1,471**	**14,444**	**14,877**	**15,323**	**15783**	**14,444**
Capital	FACILITIES/OTHER	COMM. PLANT BLKT-BUSINESS UNIT EXPANSION	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	217	—	—	—	217	—	—	—	—	—
Capital	**FACILITIES/OTHER**	**SubTotal COMM. PLANT BLKT-BUSINESS UNIT EXPANSION**				**Yes**			**217**	—	—	—	**217**	—	—	—	—	—
Capital	FACILITIES/OTHER	COMM. PLANT BLKT-INFRASTRUCTURE & RELIAB	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	7,278	—	—	—	7,278	6,718	6,920	7,128	7342	6,718
Capital	**FACILITIES/OTHER**	**SubTotal COMM. PLANT BLKT-INFRASTRUCTURE & RELIAB**				**Yes**			**7,278**	—	—	—	**7,278**	**6,718**	**6,920**	**7,128**	**7342**	**6,718**
Capital	FACILITIES/OTHER	COMM. PLANT BLKT-REMODEL/RELOC/RECONFIG	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	15,838	—	—	—	15,838	2,946	3,034	3,125	3219	2,946
Capital	**FACILITIES/OTHER**	**SubTotal COMM. PLANT BLKT-REMODEL/RELOC/RECONFIG**				**Yes**			**15,838**	—	—	—	**15,838**	**2,946**	**3,034**	**3,125**	**3219**	**2,946**
Capital	FACILITIES/OTHER	SECURITY SYSTEMS BLANKET	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	415	—	—	—	415	3,205	3,301	3,400	3502	3,205
Capital	**FACILITIES/OTHER**	**SubTotal SECURITY SYSTEMS BLANKET**				**Yes**			**415**	—	—	—	**415**	**3,205**	**3,301**	**3,400**	**3502**	**3,205**
Capital	FACILITIES/OTHER	STRUCTURES & IMPROVEMENTS BLANKET	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	2,493	—	—	—	2,493	6,312	6,501	6,696	6897	6,312
Capital	**FACILITIES/OTHER**	**SubTotal STRUCTURES & IMPROVEMENTS BLANKET**				**Yes**			**2,493**	—	—	—	**2,493**	**6,312**	**6,501**	**6,696**	**6897**	**6,312**
Capital	FACILITIES/OTHER	KEARNY MASTER PLAN PHASE 2	Non-RAMP	Non-RAMP	Non-RAMP	No	3	3	10,381	—	—	—	10,381	—	—	—	—	—
Capital	**FACILITIES/OTHER**	**SubTotal KEARNY MASTER PLAN PHASE 2**				**Yes**			**10,381**	—	—	—	**10,381**	—	—	—	—	—
Capital	FACILITIES/OTHER	FURNITURE & OFFICE EQUIPMENT BLANKET	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	232	—	—	—	232	—	—	—	—	—
Capital	**FACILITIES/OTHER**	**SubTotal FURNITURE & OFFICE EQUIPMENT BLANKET**				**Yes**			**232**	—	—	—	**232**	—	—	—	—	—
Capital	FACILITIES/OTHER	LAND BLANKET	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	—	—	—	—	—	87	90	93	96	87
Capital	**FACILITIES/OTHER**	**SubTotal LAND BLANKET**				**Yes**			—	—	—	—	—	**87**	**90**	**93**	**96**	**87**
Capital	FACILITIES/OTHER	LAND SERVICES ARCHIBUS SYSTEM	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	840	—	—	—	840	1,772	1,825	1,880	1936	1,772
Capital	**FACILITIES/OTHER**	**SubTotal LAND SERVICES ARCHIBUS SYSTEM**				**Yes**			**840**	—	—	—	**840**	**1,772**	**1,825**	**1,880**	**1936**	**1,772**
Capital	FACILITIES/OTHER	MISC EQUIPMENT BLANKET	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	919	—	—	—	919	2,008	2,068	2,130	2194	2,008
Capital	**FACILITIES/OTHER**	**SubTotal MISC EQUIPMENT BLANKET**				**Yes**			**919**	—	—	—	**919**	**2,008**	**2,068**	**2,130**	**2194**	**2,008**
Capital	FACILITIES/OTHER	SDG&E SITE SECURITY UPGRADES	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	(7)	—	—	—	(7)	—	—	—	—	—
Capital	**FACILITIES/OTHER**	**SubTotal SDG&E SITE SECURITY UPGRADES**				**Yes**			**(7)**	—	—	—	**(7)**	—	—	—	—	—
Capital	FACILITIES/OTHER	SAFETY/ENVIRONMENTAL	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	618	—	—	—	618	2,313	2,382	2,453	2527	2,313
Capital	**FACILITIES/OTHER**	**SubTotal SAFETY/ENVIRONMENTAL**				**Yes**			**618**	—	—	—	**618**	**2,313**	**2,382**	**2,453**	**2527**	**2,313**
Capital	FACILITIES/OTHER	SDG&E SUSTAINABILITY PROGRAM	Non-RAMP	Non-RAMP	Non-RAMP	No			119	—	—	—	119	6,444	6,637	6,837	7042	6,444
Capital	**FACILITIES/OTHER**	**SubTotal SDG&E SUSTAINABILITY PROGRAM**				**Yes**			**119**	—	—	—	**119**	**6,444**	**6,637**	**6,837**	**7042**	**6,444**

SDG&E FACILITIESOTHER Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference ($)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
Chapter	FACILITIESOTHER	FACILITIESOTHER				Yes	(116,613)	(129,647)	(64,456)	(60,134)	(100,616)	-21%	-10%	-10%	-10%	-21%
Capital	FACILITIESOTHER	CHULA VISTA YARD SECURITY IMPROVEMENTS	Non-RAMP	Non-RAMP	Non-RAMP	No	(5,176)	(5,331)	(5,491)	(5,656)	(5,176)	-100%	-100%	-100%	-100%	-100%
Capital	**FACILITIESOTHER**	**SubTotal CHULA VISTA YARD SECURITY IMPROVEMENTS**				**Yes**	**(5,176)**	**(5,331)**	**(5,491)**	**(5,656)**	**(5,176)**	**-100%**	**-100%**	**-100%**	**-100%**	**-100%**
Capital	FACILITIESOTHER	CLEAN TRANSPORTATION INFRASTRUCTURE	Non-RAMP	Non-RAMP	Non-RAMP	No	(12,973)	(14,677)	(15,223)	(15,783)	(12,973)	-90%	-100%	-100%	-100%	-90%
Capital	**FACILITIESOTHER**	**SubTotal CLEAN TRANSPORTATION INFRASTRUCTURE**				**Yes**	**(12,973)**	**(14,677)**	**(15,223)**	**(15,783)**	**(12,973)**	**-90%**	**-100%**	**-100%**	**-100%**	**-90%**
Capital	FACILITIESOTHER	COMM PLANT BLKT-BUSINESS UNIT EXPANSION	Non-RAMP	Non-RAMP	Non-RAMP	No	217	—	—	—	217	100%	—%	—%	—%	100%
Capital	**FACILITIESOTHER**	**SubTotal COMM PLANT BLKT-BUSINESS UNIT EXPANSION**				**Yes**	**217**	**—**	**—**	**—**	**217**	**100%**	**—%**	**—%**	**—%**	**100%**
Capital	FACILITIESOTHER	COMM PLANT BLKT-INFRASTRUCTURE & RELIAB	Non-RAMP	Non-RAMP	Non-RAMP	No	560	(6,920)	(7,128)	(7,342)	560	8%	-100%	-100%	-100%	8%
Capital	**FACILITIESOTHER**	**SubTotal COMM PLANT BLKT-INFRASTRUCTURE & RELIAB**				**Yes**	**560**	**(6,920)**	**(7,128)**	**(7,342)**	**560**	**8%**	**-100%**	**-100%**	**-100%**	**8%**
Capital	FACILITIESOTHER	COMM PLANT BLKT-REMODEL/RELOC/RECONFIG	Non-RAMP	Non-RAMP	Non-RAMP	No	12,892	(3,034)	(3,125)	(3,219)	12,892	438%	-100%	-100%	-100%	438%
Capital	**FACILITIESOTHER**	**SubTotal COMM PLANT BLKT-REMODEL/RELOC/RECONFIG**				**Yes**	**12,892**	**(3,034)**	**(3,125)**	**(3,219)**	**12,892**	**438%**	**-100%**	**-100%**	**-100%**	**438%**
Capital	FACILITIESOTHER	SECURITY SYSTEMS BLANKET	Non-RAMP	Non-RAMP	Non-RAMP	No	(2,790)	(3,301)	(3,400)	(3,502)	(2,790)	-87%	-100%	-100%	-100%	-87%
Capital	**FACILITIESOTHER**	**SubTotal SECURITY SYSTEMS BLANKET**				**Yes**	**(2,790)**	**(3,301)**	**(3,400)**	**(3,502)**	**(2,790)**	**-87%**	**-100%**	**-100%**	**-100%**	**-87%**
Capital	FACILITIESOTHER	STRUCTURES & IMPROVEMENTS BLANKET	Non-RAMP	Non-RAMP	Non-RAMP	No	(3,819)	(6,501)	(6,696)	(6,897)	(3,819)	-61%	-100%	-100%	-100%	-61%
Capital	**FACILITIESOTHER**	**SubTotal STRUCTURES & IMPROVEMENTS BLANKET**				**Yes**	**(3,819)**	**(6,501)**	**(6,696)**	**(6,897)**	**(3,819)**	**-61%**	**-100%**	**-100%**	**-100%**	**-61%**
Capital	FACILITIESOTHER	KEARNY MASTER PLAN PHASE 2	Non-RAMP	Non-RAMP	Non-RAMP	No	10,381	—	—	—	10,381	100%	—%	—%	—%	100%
Capital	**FACILITIESOTHER**	**SubTotal KEARNY MASTER PLAN PHASE 2**				**Yes**	**10,381**	**—**	**—**	**—**	**10,381**	**100%**	**—%**	**—%**	**—%**	**100%**
Capital	FACILITIESOTHER	FURNITURE & OFFICE EQUIPMENT BLANKET	Non-RAMP	Non-RAMP	Non-RAMP	No	232	—	—	—	232	100%	—%	—%	—%	100%
Capital	**FACILITIESOTHER**	**SubTotal FURNITURE & OFFICE EQUIPMENT BLANKET**				**Yes**	**232**	**—**	**—**	**—**	**232**	**100%**	**—%**	**—%**	**—%**	**100%**
Capital	FACILITIESOTHER	LAND BLANKET	Non-RAMP	Non-RAMP	Non-RAMP	No	(87)	(90)	(93)	(96)	(87)	-100%	-100%	-100%	-100%	-100%
Capital	**FACILITIESOTHER**	**SubTotal LAND BLANKET**				**Yes**	**(87)**	**(90)**	**(93)**	**(96)**	**(87)**	**-100%**	**-100%**	**-100%**	**-100%**	**-100%**
Capital	FACILITIESOTHER	LAND SERVICES ARCHIBUS SYSTEM	Non-RAMP	Non-RAMP	Non-RAMP	No	(932)	(1,025)	(1,080)	(1,136)	(932)	-53%	-100%	-100%	-100%	-53%
Capital	**FACILITIESOTHER**	**SubTotal LAND SERVICES ARCHIBUS SYSTEM**				**Yes**	**(932)**	**(1,025)**	**(1,080)**	**(1,136)**	**(932)**	**-53%**	**-100%**	**-100%**	**-100%**	**-53%**
Capital	FACILITIESOTHER	MISC EQUIPMENT BLANKET	Non-RAMP	Non-RAMP	Non-RAMP	No	(1,089)	(2,060)	(2,130)	(2,194)	(1,089)	-54%	-100%	-100%	-100%	-54%
Capital	**FACILITIESOTHER**	**SubTotal MISC EQUIPMENT BLANKET**				**Yes**	**(1,089)**	**(2,060)**	**(2,130)**	**(2,194)**	**(1,089)**	**-54%**	**-100%**	**-100%**	**-100%**	**-54%**
Capital	FACILITIESOTHER	SDG&E SITE SECURITY UPGRADES	Non-RAMP	Non-RAMP	Non-RAMP	No	(7)	—	—	—	(7)	100%	—%	—%	—%	100%
Capital	**FACILITIESOTHER**	**SubTotal SDG&E SITE SECURITY UPGRADES**				**Yes**	**(7)**	**—**	**—**	**—**	**(7)**	**100%**	**—%**	**—%**	**—%**	**100%**
Capital	FACILITIESOTHER	SAFETY/ENVIRONMENTAL	Non-RAMP	Non-RAMP	Non-RAMP	No	(1,695)	(2,182)	(2,453)	(2,527)	(1,695)	-73%	-100%	-100%	-100%	-73%
Capital	**FACILITIESOTHER**	**SubTotal SAFETY/ENVIRONMENTAL**				**Yes**	**(1,695)**	**(2,182)**	**(2,453)**	**(2,527)**	**(1,695)**	**-73%**	**-100%**	**-100%**	**-100%**	**-73%**
Capital	FACILITIESOTHER	SDG&E SUSTAINABILITY PROGRAM	Non-RAMP	Non-RAMP	Non-RAMP	No	(6,225)	(6,637)	(6,837)	(7,042)	(6,225)	-98%	-100%	-100%	-100%	-98%
Capital	**FACILITIESOTHER**	**SubTotal SDG&E SUSTAINABILITY PROGRAM**				**Yes**	**(6,225)**	**(6,637)**	**(6,837)**	**(7,042)**	**(6,225)**	**-98%**	**-100%**	**-100%**	**-100%**	**-98%**

SDG&E FACILITIES/OTHER Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
Capital	FACILITIES/OTHER	CHULA VISTA YARD SECURITY IMPROVEMENTS	Non-RAMP	Non-RAMP	Non-RAMP	No	Units are not available for these workpapers due to highly diverse project scope and the absence of like units that would be comparable over a multi-year period. Due to the number of significantly different property types such as fencing, motorized gates, surveillance systems, lighting, racking, paving and an office trailer, the development of a meaningful unit of measure was not feasible. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																			
Capital	**FACILITIES/OTHER**	**SubTotal CHULA VISTA YARD SECURITY IMPROVEMENTS**				Yes																					
Capital	FACILITIES/OTHER	CLEAN TRANSPORTATION INFRASTRUCTURE	Non-RAMP	Non-RAMP	Non-RAMP	No																					
Capital	**FACILITIES/OTHER**	**SubTotal CLEAN TRANSPORTATION INFRASTRUCTURE**				Yes																					
Capital	FACILITIES/OTHER	COMM PLANT BLKT-BUSINESS UNIT EXPANSION	Non-RAMP	Non-RAMP	Non-RAMP	No	Units are not available for these workpapers due to highly diverse project scope and the absence of like units that would be comparable over a multi-year period. The purpose of this blanket project is to fund building and facility expansions and improvements that are necessary to adequately support growing corporate business objectives and initiatives. The projects under this blanket include master planning, expansion, relocation, building construction and facility consolidation projects at various company buildings and facilities. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																		
Capital	**FACILITIES/OTHER**	**SubTotal COMM. PLANT BLKT-BUSINESS UNIT EXPANSION**				Yes																					
Capital	FACILITIES/OTHER	COMM. PLANT BLKT-INFRASTRUCTURE & RELIAB	Non-RAMP	Non-RAMP	Non-RAMP	No	Units are not available for this workpaper due to highly diverse project scope and the absence of like units that would be comparable year over year. This capital blanket project funds the purchase and installation of items such as chillers, boilers, air handlers, heating, ventilation and air conditioning (HVAC) replacements, generators, UPS (Uninterruptible Power Supply) and building management system (BMS) systems, electrical distribution systems and computer room infrastructure. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																		
Capital	**FACILITIES/OTHER**	**SubTotal COMM. PLANT BLKT-INFRASTRUCTURE & RELIAB**				Yes																					
Capital	FACILITIES/OTHER	COMM. PLANT BLKT-REMODEL/RELOC/RECONFIG	Non-RAMP	Non-RAMP	Non-RAMP	No	Units are not available for these workpapers due to highly diverse project scope and the absence of like units that would be comparable over a multi-year period. The remodel, reconfigure, and relocation blanket budget funds tenant improvement construction, spatial remodels and associated workstation moves, and changes needed to provide adequate and efficient office space and work environments for employees. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																		
Capital	**FACILITIES/OTHER**	**SubTotal COMM. PLANT BLKT-REMODEL/RELOC/RECONFIG**				Yes																					
Capital	FACILITIES/OTHER	SECURITY SYSTEMS BLANKET	Non-RAMP	Non-RAMP	Non-RAMP	No	Units are not available for this workpaper due to highly diverse project scope and the absence of like units that would be comparable year over year. This capital blanket funds projects that address the security of the company employees, operations, and assets. Common project types covered in this budget code are card readers, cameras, video recorders, physical barriers, and controlled automated gates and turnstiles. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																		
Capital	**FACILITIES/OTHER**	**SubTotal SECURITY SYSTEMS BLANKET**				Yes																					
Capital	FACILITIES/OTHER	STRUCTURES & IMPROVEMENTS BLANKET	Non-RAMP	Non-RAMP	Non-RAMP	No	Units are not available for these workpapers due to highly diverse project scope and the absence of like units that would be comparable over a multi-year period. This capital blanket funds building shell modifications, site improvements and other facility upgrades of a structural, civil or weatherproofing nature. These projects vary year to year based on need, but address the capital replacement or addition of basic, individual interior and exterior facilities construction components, including site lighting, fencing, gates, paving, roofing, canopies, training areas, windows and storage racking or sheds. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																		
Capital	**FACILITIES/OTHER**	**SubTotal STRUCTURES & IMPROVEMENTS BLANKET**				Yes																					
Capital	FACILITIES/OTHER	KEARNY MASTER PLAN PHASE 2	Non-RAMP	Non-RAMP	Non-RAMP	No	Units are not available for this workpaper due to highly diverse project scope and the absence of like units that would be comparable year over year. The unique scope of this project includes grading, the removal of contaminated soils, installation of fencing, security systems and the construction of vehicle canopies. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																		
Capital	**FACILITIES/OTHER**	**SubTotal KEARNY MASTER PLAN PHASE 2**				Yes																					
Capital	FACILITIES/OTHER	FURNITURE & OFFICE EQUIPMENT BLANKET	Non-RAMP	Non-RAMP	Non-RAMP	No	Units are not available for this workpaper due to highly diverse project scope and the absence of like units that would be comparable year over year. This blanket budget funds the purchase of miscellaneous furniture and other office equipment greater than $5,000. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																		
Capital	**FACILITIES/OTHER**	**SubTotal FURNITURE & OFFICE EQUIPMENT BLANKET**				Yes																					
Capital	FACILITIES/OTHER	LAND BLANKET	Non-RAMP	Non-RAMP	Non-RAMP	No	Units are not available for this workpaper due to highly diverse project scope and the absence of like units that would be comparable year over year. This capital blanket includes funding for the installation of new landscaping or renovation of existing landscape and irrigation systems and other improvements on existing Company property and various Company property works (i.e., Substations, transmission line right-of-way) including but not limited to fencing, masonry screening or retaining walls, access gates, signs, grading, paving, drainage improvements, landscaping and landscape irrigation. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																		
Capital	**FACILITIES/OTHER**	**SubTotal LAND BLANKET**				Yes																					
Capital	FACILITIES/OTHER	LAND SERVICES ARCHIBUS SYSTEM	Non-RAMP	Non-RAMP	Non-RAMP	No	Units are not available for this workpaper due to highly diverse nature of the system development that takes place over a multi-year period. Archibus is an integrated work management system used by Real Estate & Facilities employees to capture support requests and manage preventative maintenance for real estate assets and facilities. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																		
Capital	**FACILITIES/OTHER**	**SubTotal LAND SERVICES ARCHIBUS SYSTEM**				Yes																					
Capital	FACILITIES/OTHER	MISC EQUIPMENT BLANKET	Non-RAMP	Non-RAMP	Non-RAMP	No	Units are not available for this workpaper due to highly diverse project scope and the absence of like units that would be comparable year over year. This capital blanket finds the purchase and installation of miscellaneous equipment that does not fall under the scope of any other capital project. Types of equipment included in this budget code are replacements of small equipment such as kitchen, audio-visual, specialized mechanical equipment used in the fleet garages. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																		
Capital	**FACILITIES/OTHER**	**SubTotal MISC EQUIPMENT BLANKET**				Yes																					
Capital	FACILITIES/OTHER	SDG&E SITE SECURITY UPGRADES	Non-RAMP	Non-RAMP	Non-RAMP	No	Units are not available for this workpaper due to highly diverse project scope and the absence of like units that would be comparable year over year. The security scope at various company locations differs to such an extent the assignment of a comparible unit of measure is not feasible. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																		
Capital	**FACILITIES/OTHER**	**SubTotal SDG&E SITE SECURITY UPGRADES**				Yes																					
Capital	FACILITIES/OTHER	SAFETY/ENVIRONMENTAL	Non-RAMP	Non-RAMP	Non-RAMP	No	Units are not available for this workpaper due to highly diverse project scope and the absence of like units that would be comparable year over year. This capital blanket finds the installation of concrete pads, hazardous waste storage and other requirements to mitigate environmental risks. Safety projects vary in nature but can include communication systems, fall protection, on-campus traffic improvements, canopies, or any other improvements to reduce employee risk. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																		
Capital	**FACILITIES/OTHER**	**SubTotal SAFETY/ENVIRONMENTAL**				Yes																					
Capital	FACILITIES/OTHER	SDG&E SUSTAINABILITY PROGRAM	Non-RAMP	Non-RAMP	Non-RAMP	No																					
Capital	**FACILITIES/OTHER**	**SubTotal SDG&E SUSTAINABILITY PROGRAM**				Yes																					

SDG&E FACILITIES/OTHER Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Safety, Reliability , or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status	Status Variance Explanation Required?
Capital	FACILITIES/OTHER	FACILITIES/OTHER				Yes										
Capital	FACILITIES/OTHER	CHULA VISTA YARD SECURITY IMPROVEMENTS	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	YES	NO	Project canceled. SDG&E has determined that the location of the Chula Vista Yard was not a logistically practical option due to its location in relation to SDG&E's Construction and Operations centers and hence, has chosen not to proceed with the project.	N/A	Under (U)	Under (U)	Under (U)	Canceled	NO
Capital	**FACILITIES/OTHER**	**SubTotal CHULA VISTA YARD SECURITY IMPROVEMENTS**				**Yes**	**YES**	**YES**								**YES**
Capital	FACILITIES/OTHER	CLEAN TRANSPORTATION INFRASTRUCTURE	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
Capital	**FACILITIES/OTHER**	**SubTotal CLEAN TRANSPORTATION INFRASTRUCTURE**				**Yes**	**NO**									
Capital	FACILITIES/OTHER	COMM. PLANT BLKT-BUSINESS UNIT EXPANSION	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	**FACILITIES/OTHER**	**SubTotal COMM. PLANT BLKT-BUSINESS UNIT EXPANSION**				**Yes**	**YES**	**NO**								**NO**
Capital	FACILITIES/OTHER	COMM. PLANT BLKT-INFRASTRUCTURE & RELIAB	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	**FACILITIES/OTHER**	**SubTotal COMM. PLANT BLKT-INFRASTRUCTURE & RELIAB**				**Yes**	**YES**	**NO**								**NO**
Capital	FACILITIES/OTHER	COMM. PLANT BLKT-REMODEL/RELOC/RECONFIG	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	YES	NO	The overrun was driven by the completion of the CP4 tenant improvement project which was previously approved in the 2019 GRC (SDG&E-2-2/CWP - D Tattersall), CP4 Refresh CWP 007.09A.033, pg. 52).	N/A	Over (O)	On Target (T)	Over (O)	Expanded	NO
Capital	**FACILITIES/OTHER**	**SubTotal COMM. PLANT BLKT-REMODEL/RELOC/RECONFIG**				**Yes**	**YES**	**YES**								**NO**
Capital	FACILITIES/OTHER	SECURITY SYSTEMS BLANKET	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	**FACILITIES/OTHER**	**SubTotal SECURITY SYSTEMS BLANKET**				**Yes**	**YES**	**NO**								**NO**
Capital	FACILITIES/OTHER	STRUCTURES & IMPROVEMENTS BLANKET	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	**FACILITIES/OTHER**	**SubTotal STRUCTURES & IMPROVEMENTS BLANKET**				**Yes**	**YES**	**NO**								**NO**
Capital	FACILITIES/OTHER	KEARNY MASTER PLAN PHASE 2	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	YES	NO	The Kearny Master Plan was denied without prejudice in the GRC Decision (D.24-12-074, pg. 631) with the guidance of filing a Tier 3 Advice Letter or seeking recovery for the projects in the next GRC cycle. SDG&E has since completed Phase 1 of the Kearny Master Plan and will include the project in the TY 2028 GRC cycle.	N/A	On Target (T)	Under (U)	Over (O)	Proceeding as Planned	NO
Capital	**FACILITIES/OTHER**	**SubTotal KEARNY MASTER PLAN PHASE 2**				**Yes**	**YES**	**YES**								**NO**
Capital	FACILITIES/OTHER	FURNITURE & OFFICE EQUIPMENT BLANKET	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	Over (O)	Over (O)	Over (O)	Emergent	NO
Capital	**FACILITIES/OTHER**	**SubTotal FURNITURE & OFFICE EQUIPMENT BLANKET**				**Yes**	**YES**	**NO**								**NO**
Capital	FACILITIES/OTHER	LAND BLANKET	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	YES
Capital	**FACILITIES/OTHER**	**SubTotal LAND BLANKET**				**Yes**	**YES**	**NO**								**YES**
Capital	FACILITIES/OTHER	LAND SERVICES ARCHIBUS SYSTEM	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	Under (U)	Proceeding as Planned	NO
Capital	**FACILITIES/OTHER**	**SubTotal LAND SERVICES ARCHIBUS SYSTEM**				**Yes**	**YES**	**NO**								**NO**
Capital	FACILITIES/OTHER	MISC EQUIPMENT BLANKET	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	**FACILITIES/OTHER**	**SubTotal MISC EQUIPMENT BLANKET**				**Yes**	**YES**	**NO**								**NO**
Capital	FACILITIES/OTHER	SDG&E SITE SECURITY UPGRADES	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	**FACILITIES/OTHER**	**SubTotal SDG&E SITE SECURITY UPGRADES**				**Yes**	**YES**	**NO**								**NO**
Capital	FACILITIES/OTHER	SAFETY/ENVIRONMENTAL	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	**FACILITIES/OTHER**	**SubTotal SAFETY/ENVIRONMENTAL**				**Yes**	**YES**	**NO**								**NO**
Capital	FACILITIES/OTHER	SDG&E SUSTAINABILITY PROGRAM	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO								
Capital	**FACILITIES/OTHER**	**SubTotal SDG&E SUSTAINABILITY PROGRAM**				**Yes**	**NO**									

SDG&E FACILITIES/OTHER Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Status Variance Explanation	WP Activity Description	2024 GRC Testimony Location
Capital	FACILITIES/OTHER	FACILITIES/OTHER				Yes			
Capital	FACILITIES/OTHER	CHULA VISTA YARD SECURITY IMPROVEMENTS	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A	The project scope will include the design, permitting and construction of a new wrought iron security fence, concrete entry/driveway aprons, a controlled motorized gate access, surveillance equipment, site lighting, office trailer on concrete pad, and site grading with gravel overlay.	SDG&E-23 DT-39 to DT-40 CWP 00710A
Capital	**FACILITIES/OTHER**	**SubTotal CHULA VISTA YARD SECURITY IMPROVEMENTS**				**Yes**			
Capital	FACILITIES/OTHER	CLEAN TRANSPORTATION INFRASTRUCTURE	Non-RAMP	Non-RAMP	Non-RAMP	No			
Capital	**FACILITIES/OTHER**	**SubTotal CLEAN TRANSPORTATION INFRASTRUCTURE**				**Yes**			
Capital	FACILITIES/OTHER	COMM PLANT BLKT-BUSINESS UNIT EXPANSION	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
Capital	**FACILITIES/OTHER**	**SubTotal COMM. PLANT BLKT-BUSINESS UNIT EXPANSION**				**Yes**			
Capital	FACILITIES/OTHER	COMM PLANT BLKT-INFRASTRUCTURE & RELIAB	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
Capital	**FACILITIES/OTHER**	**SubTotal COMM. PLANT BLKT-INFRASTRUCTURE & RELIAB**				**Yes**			
Capital	FACILITIES/OTHER	COMM PLANT BLKT-REMODEL/RELOC/RECONFIG	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A	This budget funds tenant improvement construction, spatial remodels and associated work station moves and changes needed to provide adequate and efficient office space and work environments for employees. Requirements are based on business needs and functionality needed to meet business and resource objectives. Space standards and guidelines are used to manage space allocations and modification effectively in reconfigurations. Ergonomics are considered in the upgrades to provide improved working conditions for employees.	SDG&E-23 DT-38 to DT-39 CWP 00709
Capital	**FACILITIES/OTHER**	**SubTotal COMM. PLANT BLKT-REMODEL/RELOC/RECONFIG**				**Yes**			
Capital	FACILITIES/OTHER	SECURITY SYSTEMS BLANKET	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
Capital	**FACILITIES/OTHER**	**SubTotal SECURITY SYSTEMS BLANKET**				**Yes**			
Capital	FACILITIES/OTHER	STRUCTURES & IMPROVEMENTS BLANKET	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
Capital	**FACILITIES/OTHER**	**SubTotal STRUCTURES & IMPROVEMENTS BLANKET**				**Yes**			
Capital	FACILITIES/OTHER	KEARNY MASTER PLAN PHASE 2	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A	SDG&E's relocation and expansion of its existing substation on its Kearny Construction & Operations property, coupled with the decommissioning of an onsite peaker plant, creates an opportunity to optimize existing operations on the site, accommodate future growth, consolidate employees from other locations and improve traffic circulation.	SDG&E-23 DT-39 to DT-40 CWP 00710 B&C
Capital	**FACILITIES/OTHER**	**SubTotal KEARNY MASTER PLAN PHASE 2**				**Yes**			
Capital	FACILITIES/OTHER	FURNITURE & OFFICE EQUIPMENT BLANKET	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
Capital	**FACILITIES/OTHER**	**SubTotal FURNITURE & OFFICE EQUIPMENT BLANKET**				**Yes**			
Capital	FACILITIES/OTHER	LAND BLANKET	Non-RAMP	Non-RAMP	Non-RAMP	No	The Land blanket supports both CPUC and FERC related projects with the project mix varying year-over-year. In 2024, all projects implemented by the Land blanket were related to transmission substations (FERC). There were no CPUC related projects implemented in 2024.		
Capital	**FACILITIES/OTHER**	**SubTotal LAND BLANKET**				**Yes**			
Capital	FACILITIES/OTHER	LAND SERVICES ARCHIBUS SYSTEM	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
Capital	**FACILITIES/OTHER**	**SubTotal LAND SERVICES ARCHIBUS SYSTEM**				**Yes**			
Capital	FACILITIES/OTHER	MISC EQUIPMENT BLANKET	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
Capital	**FACILITIES/OTHER**	**SubTotal MISC EQUIPMENT BLANKET**				**Yes**			
Capital	FACILITIES/OTHER	SDG&E SITE SECURITY UPGRADES	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
Capital	**FACILITIES/OTHER**	**SubTotal SDG&E SITE SECURITY UPGRADES**				**Yes**			
Capital	FACILITIES/OTHER	SAFETY/ENVIRONMENTAL	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
Capital	**FACILITIES/OTHER**	**SubTotal SAFETY/ENVIRONMENTAL**				**Yes**			
Capital	FACILITIES/OTHER	SDG&E SUSTAINABILITY PROGRAM	Non-RAMP	Non-RAMP	Non-RAMP	No			
Capital	**FACILITIES/OTHER**	**SubTotal SDG&E SUSTAINABILITY PROGRAM**				**Yes**			

SDG&E CYBERSECURITY Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date ($)
Capital	CYBERSECURITY	CYBERSECURITY				Yes			4,418	—	—	—	4,418	11,698	11,788	12,198	12,613	11,698
Capital	CYBERSECURITY	RAMP - CYBER - SDGE - INTERNAL DEFENSES	Cybersecurity	Internal Defenses	Overall	No	Ongoing	Annual	116	—	—	—	116	1,358	1,399	1,441	1,485	1,358
Capital	**CYBERSECURITY**	**Sub Total RAMP - CYBER - SDGE - INTERNAL DEFENSES**				Yes			**116**	—	—	—	**116**	**1,358**	**1,399**	**1,441**	**1,485**	**1,358**
Capital	CYBERSECURITY	RAMP - CYBER - SDGE - OBSOLETE IT INFRASTRUCTURE AND APPLICATION REPLACEMENT	Cybersecurity	Obsolete Information Technology (IT) Infrastructure and Application Replacement	Overall	No	Ongoing	Annual	—	—	—	—	—	1,358	1,399	1,441	1,485	1,358
Capital	**CYBERSECURITY**	**Sub Total RAMP - CYBER - SDGE - OBSOLETE IT INFRASTRUCTURE AND APPLICATION REPLACEMENT**				Yes			—	—	—	—	—	**1,358**	**1,399**	**1,441**	**1,485**	**1,358**
Capital	CYBERSECURITY	RAMP - CYBER - SDGE - OPERATIONAL TECHNOLOGY (OT) CYBERSECURITY	Cybersecurity	Operational Technology (OT) Cybersecurity	Overall	No	Ongoing	Annual	3,897	—	—	—	3,897	4076	4,199	4,325	4,455	4,076
Capital	**CYBERSECURITY**	**Sub Total RAMP - CYBER - SDGE - OPERATIONAL TECHNOLOGY (OT) CYBERSECURITY**				Yes			**3,897**	—	—	—	**3,897**	**4076**	**4,199**	**4,325**	**4,455**	**4,076**
Capital	CYBERSECURITY	RAMP - CYBER - SDGE - PERIMETER DEFENSES	Cybersecurity	Perimeter Defenses	Overall	No	Ongoing	Annual	—	—	—	—	—	2716	2,798	2,882	2,969	2,716
Capital	**CYBERSECURITY**	**Sub Total RAMP - CYBER - SDGE - PERIMETER DEFENSES**				Yes			—	—	—	—	—	**2,716**	**2,798**	**2,882**	**2,969**	**2,716**
Capital	CYBERSECURITY	RAMP - CYBER - SDGE - SENSITIVE DATA PROTECTION	Cybersecurity	Sensitive Data Protection	Overall	No	Ongoing	Annual	—	—	—	—	—	1,901	1,958	2,017	2,077	1,901
Capital	**CYBERSECURITY**	**Sub Total RAMP - CYBER - SDGE - SENSITIVE DATA PROTECTION**				Yes			—	—	—	—	—	**1,901**	**1,958**	**2,017**	**2,077**	**1,901**

SDG&E CYBERSECURITY Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference (3)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
Capital	CYBERSECURITY	CYBERSECURITY				Yes	(2,394)	(11,236)	(15,106)	(12,451)	(2,394)	-91%	-100%	-100%	-100%	-91%
Capital	CYBERSECURITY	RAMP - CYBER - SDGE - INTERNAL DEFENSES	Cybersecurity	Internal Defenses	Overall	No	(1,242)	(1,399)	(1,641)	(1,485)	(1,242)	-91%	-100%	-100%	-100%	-91%
Capital	**CYBERSECURITY**	**Sub Total RAMP - CYBER - SDGE - INTERNAL DEFENSES**				Yes	**(1,242)**	**(1,399)**	**(1,641)**	**(1,485)**	**(1,242)**	**-91%**	**-100%**	**-100%**	**-100%**	**-91%**
Capital	CYBERSECURITY	RAMP - CYBER - SDGE - OBSOLETE IT INFRASTRUCTURE AND APPLICATION REPLACEMENT	Cybersecurity	Obsolete Information Technology (IT) Infrastructure and Application Replacement	Overall	No	(1,358)	(1,399)	(1,641)	(1,485)	(1,358)	-100%	-100%	-100%	-100%	-100%
Capital	**CYBERSECURITY**	**Sub Total RAMP - CYBER - SDGE - OBSOLETE IT INFRASTRUCTURE AND APPLICATION REPLACEMENT**				Yes	**(1,358)**	**(1,399)**	**(1,641)**	**(1,485)**	**(1,358)**	**-100%**	**-100%**	**-100%**	**-100%**	**-100%**
Capital	CYBERSECURITY	RAMP - CYBER - SDGE - OPERATIONAL TECHNOLOGY (OT) CYBERSECURITY	Cybersecurity	Operational Technology (OT) Cybersecurity	Overall	No	(179)	(4,199)	(4,925)	(4,455)	(179)	-4%	-100%	-100%	-100%	-4%
Capital	**CYBERSECURITY**	**Sub Total RAMP - CYBER - SDGE - OPERATIONAL TECHNOLOGY (OT) CYBERSECURITY**				Yes	**(179)**	**(4,199)**	**(4,925)**	**(4,455)**	**(179)**	**-4%**	**-100%**	**-100%**	**-100%**	**-4%**
Capital	CYBERSECURITY	RAMP - CYBER - SDGE - PERIMETER DEFENSES	Cybersecurity	Perimeter Defenses	Overall	No	(2,716)	(2,798)	(2,882)	(2,969)	(2,716)	-100%	-100%	-100%	-100%	-100%
Capital	**CYBERSECURITY**	**Sub Total RAMP - CYBER - SDGE - PERIMETER DEFENSES**				Yes	**(2,716)**	**(2,798)**	**(2,882)**	**(2,969)**	**(2,716)**	**-100%**	**-100%**	**-100%**	**-100%**	**-100%**
Capital	CYBERSECURITY	RAMP - CYBER - SDGE - SENSITIVE DATA PROTECTION	Cybersecurity	Sensitive Data Protection	Overall	No	(1,901)	(1,958)	(2,017)	(2,077)	(1,901)	-100%	-100%	-100%	-100%	-100%
Capital	**CYBERSECURITY**	**Sub Total RAMP - CYBER - SDGE - SENSITIVE DATA PROTECTION**				Yes	**(1,901)**	**(1,958)**	**(2,017)**	**(2,077)**	**(1,901)**	**-100%**	**-100%**	**-100%**	**-100%**	**-100%**

SDG&E CYBERSECURITY Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
Capital	CYBERSECURITY	CYBERSECURITY				Yes																					
Capital	CYBERSECURITY	RAMP - CYBER - SDGE - INTERNAL DEFENSES	Cybersecurity	Internal Defenses	Overall	No	Users protected	25,000				25,000	25,000				25,000	0	0	0	0	—	0 %	0 %	0 %	0%	0 %
Capital	**CYBERSECURITY**	**Sub Total RAMP - CYBER - SDGE - INTERNAL DEFENSES**				Yes																					
Capital	CYBERSECURITY	RAMP - CYBER - SDGE - OBSOLETE IT INFRASTRUCTURE AND APPLICATION REPLACEMENT	Cybersecurity	Obsolete Information Technology (IT) Infrastructure and Application Replacement	Overall	No	Users protected	—				—	25,000				25,000	(25,000)	0	0	0	(25,000)	(100)%	0 %	0 %	0%	(100)%
Capital	**CYBERSECURITY**	**Sub Total RAMP - CYBER - SDGE - OBSOLETE IT INFRASTRUCTURE AND APPLICATION REPLACEMENT**				Yes																					
Capital	CYBERSECURITY	RAMP - CYBER - SDGE - OPERATIONAL TECHNOLOGY (OT) CYBERSECURITY	Cybersecurity	Operational Technology (OT) Cybersecurity	Overall	No	Users protected	25,000				25,000	25,000				25,000	0	0	0	0	—	0 %	0 %	0 %	0%	0 %
Capital	**CYBERSECURITY**	**Sub Total RAMP - CYBER - SDGE - OPERATIONAL TECHNOLOGY (OT) CYBERSECURITY**				Yes																					
Capital	CYBERSECURITY	RAMP - CYBER - SDGE - PERIMETER DEFENSES	Cybersecurity	Perimeter Defenses	Overall	No	Users protected	—				—	25,000				25,000	(25,000)	0	0	0	(25,000)	(100)%	0 %	0 %	0%	(100)%
Capital	**CYBERSECURITY**	**Sub Total RAMP - CYBER - SDGE - PERIMETER DEFENSES**				Yes																					
Capital	CYBERSECURITY	RAMP - CYBER - SDGE - SENSITIVE DATA PROTECTION	Cybersecurity	Sensitive Data Protection	Overall	No	Users protected	—				—	25,000				25,000	(25,000)	0	0	0	(25,000)	(100)%	0 %	0 %	0%	(100)%
Capital	**CYBERSECURITY**	**Sub Total RAMP - CYBER - SDGE - SENSITIVE DATA PROTECTION**				Yes																					

SDG&E CYBERSECURITY Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Safety, Reliability, or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status	Status Variance Explanation Required?
Capital	CYBERSECURITY	CYBERSECURITY				Yes										
Capital	CYBERSECURITY	RAMP - CYBER - SDGE - INTERNAL DEFENSES	Cybersecurity	Internal Defenses	Overall	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	**CYBERSECURITY**	**Sub Total RAMP - CYBER - SDGE - INTERNAL DEFENSES**				**Yes**	**YES**	**NO**								**NO**
Capital	CYBERSECURITY	RAMP - CYBER - SDGE - OBSOLETE IT INFRASTRUCTURE AND APPLICATION REPLACEMENT	Cybersecurity	Obsolete Information Technology (IT) Infrastructure and Application Replacement	Overall	No	YES	NO	YES	N/A	A priority of the cybersecurity organization in 2024 was replacing and reconfiguring firewalls and related technology assets. There were no obsolete projects identified during 2024. SDG&E intends to manage this program over the entire GRC cycle.	Under (U)	Under (U)	Under (U)	Proceeding as Planned	YES
Capital	**CYBERSECURITY**	**Sub Total RAMP - CYBER - SDGE - OBSOLETE IT INFRASTRUCTURE AND APPLICATION REPLACEMENT**				**Yes**	**YES**	**NO**								**YES**
Capital	CYBERSECURITY	RAMP - CYBER - SDGE - OPERATIONAL TECHNOLOGY (OT) CYBERSECURITY	Cybersecurity	Operational Technology (OT) Cybersecurity	Overall	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	**CYBERSECURITY**	**Sub Total RAMP - CYBER - SDGE - OPERATIONAL TECHNOLOGY (OT) CYBERSECURITY**				**Yes**	**YES**	**NO**								**NO**
Capital	CYBERSECURITY	RAMP - CYBER - SDGE - PERIMETER DEFENSES	Cybersecurity	Perimeter Defenses	Overall	No	YES	NO	YES	N/A	The expenditures incurred for enhancements to perimeter defenses in 2024 were covered by the North American Electric Reliability Corporation Critical Infrastructure Protection plan (NERC-CIP), and therefore fell outside of the scope of the CPUC GRC-funded perimeter defenses category. SDG&E intends to manage this program over the entire GRC cycle.	Under (U)	Under (U)	Under (U)	Proceeding as Planned	YES
Capital	**CYBERSECURITY**	**Sub Total RAMP - CYBER - SDGE - PERIMETER DEFENSES**				**Yes**	**YES**	**NO**								**YES**
Capital	CYBERSECURITY	RAMP - CYBER - SDGE - SENSITIVE DATA PROTECTION	Cybersecurity	Sensitive Data Protection	Overall	No	YES	NO	YES	N/A	No SDG&E only investments were required in 2024 for Sensitive Data Protection. SDG&E intends to manage this program over the entire GRC cycle.	Under (U)	Under (U)	Under (U)	Proceeding as Planned	YES
Capital	**CYBERSECURITY**	**Sub Total RAMP - CYBER - SDGE - SENSITIVE DATA PROTECTION**				**Yes**	**YES**	**NO**								**YES**

SDG&E CYBERSECURITY Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Status Variance Explanation	WP Activity Description	2024 GRC Testimony Location
Capital	CYBERSECURITY	CYBERSECURITY				Yes			
Capital	CYBERSECURITY	RAMP - CYBER - SDGE - INTERNAL DEFENSES	Cybersecurity	Internal Defenses	Overall	No	N/A		
Capital	**CYBERSECURITY**	**Sub Total RAMP - CYBER - SDGE - INTERNAL DEFENSES**				Yes			
Capital	CYBERSECURITY	RAMP - CYBER - SDGE - OBSOLETE IT INFRASTRUCTURE AND APPLICATION REPLACEMENT	Cybersecurity	Obsolete Information Technology (IT) Infrastructure and Application Replacement	Overall	No	There were no obsolete projects identified during 2024.	The types of Obsolete IT Infrastructure and Application Replacement activities include technology refreshes and /or replacements of obsolete infrastructure, operating systems, middleware and applications. Additionally, there is the need to provide ongoing system maintenance activity to confirm continued secure configurations, patching, and upgrading, among others. Lastly, five need to utilize effective architecture and other mechanisms to confirm high availability and service continuity for critical systems	SDG&E-26-R LRM-19 to LRM-27 CWP 00900J
Capital	**CYBERSECURITY**	**Sub Total RAMP - CYBER - SDGE - OBSOLETE IT INFRASTRUCTURE AND APPLICATION REPLACEMENT**				Yes			
Capital	CYBERSECURITY	RAMP - CYBER - SDGE - OPERATIONAL TECHNOLOGY (OT) CYBERSECURITY	Cybersecurity	Operational Technology (OT) Cybersecurity	Overall	No	N/A		
Capital	**CYBERSECURITY**	**Sub Total RAMP - CYBER - SDGE - OPERATIONAL TECHNOLOGY (OT) CYBERSECURITY**				Yes			
Capital	CYBERSECURITY	RAMP - CYBER - SDGE - PERIMETER DEFENSES	Cybersecurity	Perimeter Defenses	Overall	No	The expenditures incurred for enhancements to perimeter defenses in 2024 were governed by the North American Electric Reliability Corporation Critical Infrastructure Protection plan (NERC-CIP), and therefore fell outside of the scope of the CPUC GRC -funded perimeter defenses category.	The types of perimeter defense activities include efforts such as firewall upgrades and process automation, web application firewall protections, distributed denial of service (DDoS) protection and the implementation of other perimeter defensive and threat mitigation mechanisms.	SDG&E-26-R LRM-19 to LRM-27 CWP 00900G
Capital	**CYBERSECURITY**	**Sub Total RAMP - CYBER - SDGE - PERIMETER DEFENSES**				Yes			
Capital	CYBERSECURITY	RAMP - CYBER - SDGE - SENSITIVE DATA PROTECTION	Cybersecurity	Sensitive Data Protection	Overall	No	No SDG&E only investments were required in 2024 for Sensitive Data Protection.	The types of sensitive data activities include efforts such as identity access management (IAM) enhancements, data loss prevention (DLP), data crawler technology to identify sensitive data in the environment and mobile device security.	SDG&E-26-R LRM-19 to LRM-27 CWP 00900K
Capital	**CYBERSECURITY**	**Sub Total RAMP - CYBER - SDGE - SENSITIVE DATA PROTECTION**				Yes			

SDG&E INFORMATION TECHNOLOGY Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Transfer	Roll-up	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date ($)
Capital	INFORMATION TECHNOLOGY	APP MODERNIZATION & VULNERABILITY REDUCTION - PHASE 2	Non-RAMP	Non-RAMP	Non-RAMP	No	3	0	(17)	---	---	---	(17)	4,725	4,867	5,013	5,163	4,725
Capital	**INFORMATION TECHNOLOGY**	**SubT otal APP MODERNIZATION & VULNERABILITY REDUCTION - PHASE 2**				**Yes**			**(17)**	**---**	**---**	**---**	**(17)**	**4,725**	**4,867**	**5,013**	**5,163**	**4,725**
Capital	INFORMATION TECHNOLOGY	BUSINESS ADAPTATION TECHNOLOGIES & DIGITALIZATION	Non-RAMP	Non-RAMP	Non-RAMP	No			1,589	---	---	---	1,589	1,406	1,448	1,491	1,536	1,406
Capital	**INFORMATION TECHNOLOGY**	**SubT otal BUSINESS ADAPTATION TECHNOLOGIES & DIGITALIZATION**				**Yes**			**1,589**	**---**	**---**	**---**	**1,589**	**1,406**	**1,448**	**1,491**	**1,536**	**1,406**
Capital	INFORMATION TECHNOLOGY	CABO MANDATES 2023	Non-RAMP	Non-RAMP	Non-RAMP	No	1	2	1,993	---	---	---	1,993	445	458	472	486	445
Capital	**INFORMATION TECHNOLOGY**	**SubT otal CABO MANDATES 2023**				**Yes**			**1,993**	**---**	**---**	**---**	**1,993**	**445**	**458**	**472**	**486**	**445**
Capital	INFORMATION TECHNOLOGY	CABO MANDATES 2024	Non-RAMP	Non-RAMP	Non-RAMP	No	1	1	333	---	---	---	333	1,826	1,880	1,936	1,994	1,826
Capital	**INFORMATION TECHNOLOGY**	**SubT otal CABO MANDATES 2024**				**Yes**			**333**	**---**	**---**	**---**	**333**	**1,826**	**1,880**	**1,936**	**1,994**	**1,826**
Capital	INFORMATION TECHNOLOGY	CIS REGULATORY & ENHANCEMENTS 2024	Non-RAMP	Non-RAMP	Non-RAMP	No			24,429	---	---	---	24,429	28,077	28,919	29,787	30,681	28,077
Capital	**INFORMATION TECHNOLOGY**	**SubT otal CIS REGULATORY & ENHANCEMENTS 2024**				**Yes**			**24,429**	**---**	**---**	**---**	**24,429**	**28,077**	**28,919**	**29,787**	**30,681**	**28,077**
Capital	INFORMATION TECHNOLOGY	CLEAN TRANSPORTATION PRODUCT TEAM 2023-2024	Non-RAMP	Non-RAMP	Non-RAMP	No			1,732	---	---	---	1,732	2,021	2,082	2,144	2,209	2,021
Capital	**INFORMATION TECHNOLOGY**	**SubT otal CLEAN TRANSPORTATION PRODUCT TEAM 2023-2024**				**Yes**			**1,732**	**---**	**---**	**---**	**1,732**	**2,021**	**2,082**	**2,144**	**2,209**	**2,021**
Capital	INFORMATION TECHNOLOGY	CLOUD DATA LAKE	Non-RAMP	Non-RAMP	Non-RAMP	No			---	---	---	---	---	2,953	3,042	3,133	3,227	2,953
Capital	**INFORMATION TECHNOLOGY**	**SubT otal CLOUD DATA LAKE**				**Yes**			**---**	**---**	**---**	**---**	**---**	**2,953**	**3,042**	**3,133**	**3,227**	**2,953**
Capital	INFORMATION TECHNOLOGY	CONSTRUCTION, PLANNING AND DESIGN (CPD) ENHANCEMENTS	Non-RAMP	Non-RAMP	Non-RAMP	No	2	2	1,626	---	---	---	1,626	2,328	2,398	2,470	2,544	2,328
Capital	**INFORMATION TECHNOLOGY**	**SubT otal CONSTRUCTION, PLANNING AND DESIGN (CPD) ENHANCEMENTS**				**Yes**			**1,626**	**---**	**---**	**---**	**1,626**	**2,328**	**2,398**	**2,470**	**2,544**	**2,328**
Capital	INFORMATION TECHNOLOGY	CONTACT CENTER OF THE FUTURE (CCOTF)	Non-RAMP	Non-RAMP	Non-RAMP	No			9,240	---	---	---	9,240	11,564	11,911	12,269	12,637	11,564
Capital	**INFORMATION TECHNOLOGY**	**SubT otal CONTACT CENTER OF THE FUTURE (CCOTF)**				**Yes**			**9,240**	**---**	**---**	**---**	**9,240**	**11,564**	**11,911**	**12,269**	**12,637**	**11,564**
Capital	INFORMATION TECHNOLOGY	CROSS FUNCTIONAL WORK MANAGEMENT ENHANCEMENTS	Non-RAMP	Non-RAMP	Non-RAMP	No			---	---	---	---	---	262	270	278	286	262
Capital	**INFORMATION TECHNOLOGY**	**SubT otal CROSS-FUNCTIONAL WORK MANAGEMENT ENHANCEMENTS**				**Yes**			**---**	**---**	**---**	**---**	**---**	**262**	**270**	**278**	**286**	**262**
Capital	INFORMATION TECHNOLOGY	IT NON-RAMP APPLICATIONS-SRM	Non-RAMP	Non-RAMP	Non-RAMP	No	Ongoing	Annual	3,300	---	---	---	3,300	---	---	---	---	---
Capital	**INFORMATION TECHNOLOGY**	**SubT otal IT NON-RAMP APPLICATIONS-SRM**				**Yes**			**3,300**	**---**	**---**	**---**	**3,300**	**---**	**---**	**---**	**---**	**---**
Capital	INFORMATION TECHNOLOGY	DATA GOVERNANCE TOOLS & FRAMEWORK	Non-RAMP	Non-RAMP	Non-RAMP	No			4,907	---	---	---	4,907	2,658	2,738	2,820	2,905	2,658
Capital	**INFORMATION TECHNOLOGY**	**SubT otal DATA GOVERNANCE TOOLS & FRAMEWORK**				**Yes**			**4,907**	**---**	**---**	**---**	**4,907**	**2,658**	**2,738**	**2,820**	**2,905**	**2,658**
Capital	INFORMATION TECHNOLOGY	DIGITAL SERVICE INTEGRATION PLATFORM	Non-RAMP	Non-RAMP	Non-RAMP	No			3,303	---	---	---	3,303	1,831	1,886	1,943	2,001	1,831
Capital	**INFORMATION TECHNOLOGY**	**SubT otal DIGITAL SERVICE INTEGRATION PLATFORM**				**Yes**			**3,303**	**---**	**---**	**---**	**3,303**	**1,831**	**1,886**	**1,943**	**2,001**	**1,831**
Capital	INFORMATION TECHNOLOGY	DISTRIBUTION INTERCONNECTION INFO. SYSTEM - RULE 21 AND NET ENERGY METERING ENHANCEMENTS - PHASE 2	Non-RAMP	Non-RAMP	Non-RAMP	No	3	3	1,494	---	---	---	1,494	1,766	1,819	1,874	1,930	1,766
Capital	**INFORMATION TECHNOLOGY**	**SubT otal DISTRIBUTION INTERCONNECTION INFO. SYSTEM - RULE 21 AND NET ENERGY METERING ENHANCEMENTS - PHASE 2**				**Yes**			**1,494**	**---**	**---**	**---**	**1,494**	**1,766**	**1,819**	**1,874**	**1,930**	**1,766**
Capital	INFORMATION TECHNOLOGY	ELECTRIC GRID OPS SMALL CAPITAL 2024	Non-RAMP	Non-RAMP	Non-RAMP	No	1	1	211	---	---	---	211	519	535	551	567	519
Capital	**INFORMATION TECHNOLOGY**	**SubT otal ELECTRIC GRID OPS SMALL CAPITAL 2024**				**Yes**			**211**	**---**	**---**	**---**	**211**	**519**	**535**	**551**	**567**	**519**
Capital	INFORMATION TECHNOLOGY	ENGINEERING & CONSTRUCTION DOCUMENT CENTRALIZATION AND COMPLIANCE	Non-RAMP	Non-RAMP	Non-RAMP	No			(13)	---	---	---	(13)	762	785	809	833	762
Capital	**INFORMATION TECHNOLOGY**	**SubT otal ENGINEERING & CONSTRUCTION DOCUMENT CENTRALIZATION AND COMPLIANCE**				**Yes**			**(13)**	**---**	**---**	**---**	**(13)**	**762**	**785**	**809**	**833**	**762**
Capital	INFORMATION TECHNOLOGY	ENTERPRISE DISTRIBUTED ENERGY RESOURCE MANAGEMENT SYSTEM (DERMS)	Non-RAMP	Non-RAMP	Non-RAMP	No	3	0	---	---	---	---	---	3,934	4,052	4,174	4,299	3,934
Capital	**INFORMATION TECHNOLOGY**	**SubT otal ENTERPRISE DISTRIBUTED ENERGY RESOURCE MANAGEMENT SYSTEM (DERMS)**				**Yes**			**---**	**---**	**---**	**---**	**---**	**3,934**	**4,052**	**4,174**	**4,299**	**3,934**
Capital	INFORMATION TECHNOLOGY	FOUNDATIONAL ANALYTICS FOR SAFETY, COMPLIANCE AND EFFICIENCY	Non-RAMP	Non-RAMP	Non-RAMP	No	3	3	1,022	---	---	---	1,022	6,931	7,139	7,353	7,574	6,931
Capital	**INFORMATION TECHNOLOGY**	**SubT otal FOUNDATIONAL ANALYTICS FOR SAFETY, COMPLIANCE AND EFFICIENCY**				**Yes**			**1,022**	**---**	**---**	**---**	**1,022**	**6,931**	**7,139**	**7,353**	**7,574**	**6,931**
Capital	INFORMATION TECHNOLOGY	GRC & REGULATORY MANAGEMENT SYSTEM - PHASE 3	Non-RAMP	Non-RAMP	Non-RAMP	No			1,688	---	---	---	1,688	1,494	1,539	1,585	1,633	1,494
Capital	**INFORMATION TECHNOLOGY**	**SubT otal GRC & REGULATORY MANAGEMENT SYSTEM - PHASE 3**				**Yes**			**1,688**	**---**	**---**	**---**	**1,688**	**1,494**	**1,539**	**1,585**	**1,633**	**1,494**
Capital	INFORMATION TECHNOLOGY	INVESTMENT PRIORITIZATION	Non-RAMP	Non-RAMP	Non-RAMP	No	3	3	2,874	---	---	---	2,874	10,935	11,263	11,601	11,949	10,935
Capital	**INFORMATION TECHNOLOGY**	**SubT otal INVESTMENT PRIORITIZATION**				**Yes**			**2,874**	**---**	**---**	**---**	**2,874**	**10,935**	**11,263**	**11,601**	**11,949**	**10,935**
Capital	INFORMATION TECHNOLOGY	IT QUALITY AND CONTINUOUS TESTING PLATFORMS	Non-RAMP	Non-RAMP	Non-RAMP	No			748	---	---	---	748	1,175	1,210	1,246	1,283	1,175
Capital	**INFORMATION TECHNOLOGY**	**SubT otal IT QUALITY AND CONTINUOUS TESTING PLATFORMS**				**Yes**			**748**	**---**	**---**	**---**	**748**	**1,175**	**1,210**	**1,246**	**1,283**	**1,175**
Capital	INFORMATION TECHNOLOGY	LOCAL AREA DISTRIBUTION CONTROLLER (LADC) 2023-2024	Non-RAMP	Non-RAMP	Non-RAMP	No	0	2	913	---	---	---	913	---	---	---	---	---
Capital	**INFORMATION TECHNOLOGY**	**SubT otal LOCAL AREA DISTRIBUTION CONTROLLER (LADC) 2023-2024**				**Yes**			**913**	**---**	**---**	**---**	**913**	**---**	**---**	**---**	**---**	**---**
Capital	INFORMATION TECHNOLOGY	RAMP - ADVANCED DATA AND DECISION MODELING	Foundational Technology Systems	Electric Operation's Systems (SDGE) Resiliency	N/A	No	3	1	644	---	---	---	644	4,678	4,818	4,963	5,112	4,678
Capital	**INFORMATION TECHNOLOGY**	**SubT otal RAMP - ADVANCED DATA AND DECISION MODELING**				**Yes**			**644**	**---**	**---**	**---**	**644**	**4,678**	**4,818**	**4,963**	**5,112**	**4,678**
Capital	INFORMATION TECHNOLOGY	RAMP - CLOUD FOUNDATIONS	Foundational Technology Systems	Cloud Resiliency Services	N/A	No	5	5	5,414	---	---	---	5,414	6,275	6,463	6,657	6,857	6,275
Capital	**INFORMATION TECHNOLOGY**	**SubT otal RAMP - CLOUD FOUNDATIONS**				**Yes**			**5,414**	**---**	**---**	**---**	**5,414**	**6,275**	**6,463**	**6,657**	**6,857**	**6,275**
Capital	INFORMATION TECHNOLOGY	RAMP - DECISION ANALYTICS & SITUATIONAL AWARENESS	Foundational Technology Systems	Electric Operation's Systems (SDGE) Resiliency	N/A	No	3	1	525	---	---	---	525	1,814	1,868	1,924	1,982	1,814
Capital	**INFORMATION TECHNOLOGY**	**SubT otal RAMP - DECISION ANALYTICS & SITUATIONAL AWARENESS**				**Yes**			**525**	**---**	**---**	**---**	**525**	**1,814**	**1,868**	**1,924**	**1,982**	**1,814**

SDG&E INFORMATION TECHNOLOGY Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date ($)
Capital	INFORMATION TECHNOLOGY	RAMP - DIGITAL ASSET AND DAMAGES DETECTION PLATFORM	Foundational Technology Systems	Electric Operation i Systems (EOGE) Resiliency	N/A	No	3	3	2,530	---	---	---	2,530	4,347	4,477	4611	4.749	4,347
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - DIGITAL ASSET AND DAMAGES DETECTION PLATFORM**				**Yes**			**2,530**	**---**	**---**	**---**	**2,530**	**4,347**	**4,477**	**4611**	**4.749**	**4,347**
Capital	INFORMATION TECHNOLOGY	RAMP - DIGITAL PROCESS AUTOMATION	Non-RAMP	Non-RAMP	Non-RAMP	No	3	3	3,516	---	---	---	3,516	3,838	3,953	4071	4.193	3,838
Capital	INFORMATION TECHNOLOGY	RAMP - DIGITAL PROCESS AUTOMATION	Foundational Technology Systems	Electric Operation i Systems (EOGE) Resiliency	N/A	No	3	3	1,758	---	---	---	1,758	1,894	1,951	2.009	2.070	1,894
Capital	**INFORMATION TECHNOLOGY**	**SubTotal**				**Yes**			**5,274**	**---**	**---**	**---**	**5,274**	**5,732**	**5,904**	**6,080**	**6,263**	**5,732**
Capital	INFORMATION TECHNOLOGY	RAMP - ELECTRIC DISTRIBUTION ASSET INVESTMENT	Asset Management	Asset Management	N/A	No	4	3	---	---	---	---	---	4,678	4,818	4,963	5,112	4,678
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - ELECTRIC DISTRIBUTION ASSET INVESTMENT**				**Yes**			**---**	**---**	**---**	**---**	**---**	**4,678**	**4,818**	**4,963**	**5,112**	**4,678**
Capital	INFORMATION TECHNOLOGY	RAMP - ENERGY TRANSITION DIGITAL TWIN	Foundational Technology Systems	Monitoring Systems and Services	N/A	No	3	3	2,517	---	---	---	2,517	2,346	2,416	2,488	2,563	2,346
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - ENERGY TRANSITION DIGITAL TWIN**				**Yes**			**2,517**	**---**	**---**	**---**	**2,517**	**2,346**	**2,416**	**2,488**	**2,563**	**2,346**
Capital	INFORMATION TECHNOLOGY	RAMP - FIELD MOBILE HARDWARE REPLACEMENT	Foundational Technology Systems	Electric Operation i Systems (EOGE) Resiliency	N/A	No	2	2	2,554	---	---	---	2,554	4,187	4,313	4,443	4,576	4,187
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - FIELD MOBILE HARDWARE REPLACEMENT**				**Yes**			**2,554**	**---**	**---**	**---**	**2,554**	**4,187**	**4,313**	**4,443**	**4,576**	**4,187**
Capital	INFORMATION TECHNOLOGY	RAMP - FIELD SERVICE DELIVERY (FSD) - DATA & ANALYTICS PLATFORM	Foundational Technology Systems	Electric Operation i Systems (EOGE) Resiliency; Gas Operations Systems Resiliency	N/A	No	2	1	3,194	---	---	---	3,194	5,755	5,928	6,106	6,289	5,755
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - FIELD SERVICE DELIVERY (FSD) - DATA & ANALYTICS PLATFORM**				**Yes**			**3,194**	**---**	**---**	**---**	**3,194**	**5,755**	**5,928**	**6,106**	**6,289**	**5,755**

SDG&E INFORMATION TECHNOLOGY Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date ($)
Capital	INFORMATION TECHNOLOGY	RAMP - FIELD SERVICE DELIVERY (FSD) - SCHEDULING & DISPATCH PHASE	Foundational Technology Systems	Electric Operations Systems (SDGE) Resiliency ; Gas Operations Systems Resiliency	N/A	No	4	2	17,631	---	---	---	17,631	12,480	12,854	13240	13,637	12,480
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - FIELD SERVICE DELIVERY (FSD) - SCHEDULING & DISPATCH PHASE**				**Yes**			**17,631**	**---**	**---**	**---**	**17,631**	**12,480**	**12,854**	**13240**	**13,637**	**12,480**
Capital	INFORMATION TECHNOLOGY	RAMP - GIS MODERNIZATION	Foundational Technology Systems	Electric Operations Systems (SDGE) Resiliency	N/A	No	3	3	2,403	---	---	---	2,403	406	418	431	444	406
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - GIS MODERNIZATION**				**Yes**			**2,403**	**---**	**---**	**---**	**2,403**	**406**	**418**	**431**	**444**	**406**
Capital	INFORMATION TECHNOLOGY	RAMP - INFRASTRUCTURE AS A SERVICE (IAAS) IMPLEMENTATION	Foundational Technology Systems	Cloud Resiliency Services	N/A	No	1	0	---	---	---	---	---	2,363	2,434	2,507	2,582	2,363
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - INFRASTRUCTURE AS A SERVICE (IAAS) IMPLEMENTATION**				**Yes**			**---**	**---**	**---**	**---**	**---**	**2,363**	**2,434**	**2,507**	**2,582**	**2,363**
Capital	INFORMATION TECHNOLOGY	RAMP - JUNIPER 2022 EQUIPMENT REPLACEMENT AGREEMENT	Foundational Technology Systems	Network & Voice System Resiliency	N/A	No	On-going	Annual	1,371	---	---	---	1,371	1,409	1,451	1,495	1,540	1,409
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - JUNIPER 2022 EQUIPMENT REPLACEMENT AGREEMENT**				**Yes**			**1,371**	**---**	**---**	**---**	**1,371**	**1,409**	**1,451**	**1,495**	**1,540**	**1,409**
Capital	INFORMATION TECHNOLOGY	RAMP - LOCAL AREA NETWORK (LAN) REFRESH 2022	Foundational Technology Systems	Network & Voice System Resiliency	N/A	No	4	4	1,338	---	---	---	1,338	5,841	6,016	6,197	6,383	5,841
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - LOCAL AREA NETWORK (LAN) REFRESH 2022**				**Yes**			**1,338**	**---**	**---**	**---**	**1,338**	**5,841**	**6,016**	**6,197**	**6,383**	**5,841**
Capital	INFORMATION TECHNOLOGY	RAMP - TELECOM SITE IMPROVEMENTS	Foundational Technology Systems	Network & Voice System Resiliency	N/A	No	4	4	2,213	---	---	---	2,213	4,396	4,528	4664	4,804	4,396
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - TELECOM SITE IMPROVEMENTS**				**Yes**			**2,213**	**---**	**---**	**---**	**2,213**	**4,396**	**4,528**	**4664**	**4,804**	**4,396**
Capital	INFORMATION TECHNOLOGY	RAMP - TRANSMISSION COMMUNICATIONS RELIABILITY IMPROVEMENT (TCRI) 2024	Foundational Technology Systems	Network & Voice System Resiliency	N/A	No	On-going	Annual	3,097	---	---	---	3,097	5,532	5,698	5870	6,046	5,532
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - TRANSMISSION COMMUNICATIONS RELIABILITY IMPROVEMENT (TCRI) 2024**				**Yes**			**3,097**	**---**	**---**	**---**	**3,097**	**5,532**	**5,698**	**5870**	**6,046**	**5,532**
Capital	INFORMATION TECHNOLOGY	RAMP - VEGETATION MANAGEMENT - WORK MANAGEMENT	Foundational Technology Systems	Electric Operations Systems (SDGE) Resiliency	N/A	No	2	0	---	---	---	---	---	2,104	2,167	2232	2,299	2,104
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - VEGETATION MANAGEMENT - WORK MANAGEMENT**				**Yes**			**---**	**---**	**---**	**---**	**---**	**2,104**	**2,167**	**2232**	**2,299**	**2,104**
Capital	INFORMATION TECHNOLOGY	RAMP - VEHICLE TELEMATICS - PHASE 2	Foundational Technology Systems	Electric Operations Systems (SDGE) Resiliency	N/A	No	2	0	---	---	---	---	---	390	402	414	426	390
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - VEHICLE TELEMATICS - PHASE 2**				**Yes**			**---**	**---**	**---**	**---**	**---**	**390**	**402**	**414**	**426**	**390**
Capital	INFORMATION TECHNOLOGY	RAMP - VIRTUAL DISKTOP EXPANSION (VDI) - PHASE 2	Foundational Technology Systems	End User Access and Supporting Services	N/A	No	2	3	128	---	---	---	128	1,831	1,885	1942	2,001	1,831
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - VIRTUAL DESKTOP EXPANSION (VDI) - PHASE 2**				**Yes**			**128**	**---**	**---**	**---**	**128**	**1,831**	**1,885**	**1942**	**2,001**	**1,831**
Capital	INFORMATION TECHNOLOGY	RAMP - WIDE AREA NETWORK (WAN) REFRESH	Foundational Technology Systems	Network & Voice System Resiliency	N/A	No	4	4	425	---	---	---	425	3,582	3,690	3801	3,915	3,582
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - WIDE AREA NETWORK (WAN) REFRESH**				**Yes**			**425**	**---**	**---**	**---**	**425**	**3,582**	**3,690**	**3801**	**3,915**	**3,582**
Capital	INFORMATION TECHNOLOGY	RAMP- ASSET 360 - ASSET DATA FOUNDATION	Asset Management	Asset Management	N/A	No	3	3	2,272	---	---	---	2,272	2,942	3,030	3121	3,215	2,942
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP- ASSET 360 - ASSET DATA FOUNDATION**				**Yes**			**2,272**	**---**	**---**	**---**	**2,272**	**2,942**	**3,030**	**3121**	**3,215**	**2,942**
Capital	INFORMATION TECHNOLOGY	SMART GRID OPERATIONS 2024	Non-RAMP	Non-RAMP	Non-RAMP	No	1	1	3,435	---	---	---	3,435	2,970	3,059	3151	3,246	2,970
Capital	**INFORMATION TECHNOLOGY**	**SubTotal SMART GRID OPERATIONS 2024**				**Yes**			**3,435**	**---**	**---**	**---**	**3,435**	**2,970**	**3,059**	**3151**	**3,246**	**2,970**
Capital	INFORMATION TECHNOLOGY	SMART METER (PRODUCT) 2022-2024	Non-RAMP	Non-RAMP	Non-RAMP	No			1,820	---	---	---	1,820	---	---	---	---	---
Capital	**INFORMATION TECHNOLOGY**	**SubTotal SMART METER (PRODUCT) 2022-2024**				**Yes**			**1,820**	**---**	**---**	**---**	**1,820**	**---**	**---**	**---**	**---**	**---**
Capital	INFORMATION TECHNOLOGY	SMART METER 2.0	Non-RAMP	Non-RAMP	Non-RAMP	No			13,349	---	---	---	13,349	---	---	---	---	---
Capital	**INFORMATION TECHNOLOGY**	**SubTotal SMART METER 2.0**				**Yes**			**13,349**	**---**	**---**	**---**	**13,349**	**---**	**---**	**---**	**---**	**---**
Capital	INFORMATION TECHNOLOGY	TEST ACCELERATION ENABLEMENT (TAE) WITH DEVSECOPS	Non-RAMP	Non-RAMP	Non-RAMP	No			1,454	---	---	---	1,454	2,039	2,100	2163	2,228	2,039
Capital	**INFORMATION TECHNOLOGY**	**SubTotal TEST ACCELERATION ENABLEMENT (TAE) WITH DEVSECOPS**				**Yes**			**1,454**	**---**	**---**	**---**	**1,454**	**2,039**	**2,100**	**2163**	**2,228**	**2,039**
Capital	INFORMATION TECHNOLOGY	IT ELECTRIC OPERATIONS SYSTEMS	Foundational Technology Systems	Electric Operations Systems (SDGE) Resiliency	N/A	No	On-going	Annual	582	---	---	---	582	---	---	---	---	---
Capital	**INFORMATION TECHNOLOGY**	**SubTotal IT ELECTRIC OPERATIONS SYSTEMS**				**Yes**			**582**	**---**	**---**	**---**	**582**	**---**	**---**	**---**	**---**	**---**
Capital	INFORMATION TECHNOLOGY	IT NON-RAMP CUSTOMER SERVICE	Non-RAMP	Non-RAMP	Non-RAMP	No			1,820	---	---	---	1,820	---	---	---	---	---
Capital	**INFORMATION TECHNOLOGY**	**SubTotal IT NON-RAMP CUSTOMER SERVICE**				**Yes**			**1,820**	**---**	**---**	**---**	**1,820**	**---**	**---**	**---**	**---**	**---**
Capital	INFORMATION TECHNOLOGY	NETWORK SYSTEMS	Foundational Technology Systems	Network & Voice System Resiliency	N/A	No	On-going	Annual	2,217	---	---	---	2,217	---	---	---	---	---
Capital	**INFORMATION TECHNOLOGY**	**SubTotal NETWORK SYSTEMS**				**Yes**			**2,217**	**---**	**---**	**---**	**2,217**	**---**	**---**	**---**	**---**	**---**
Capital	INFORMATION TECHNOLOGY	NON-RAMP APPLICATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No			7,211	---	---	---	7,211	---	---	---	---	---
Capital	**INFORMATION TECHNOLOGY**	**SubTotal NON-RAMP APPLICATIONS**				**Yes**			**7,211**	**---**	**---**	**---**	**7,211**	**---**	**---**	**---**	**---**	**---**
Capital	INFORMATION TECHNOLOGY	RAMP - DIGI REMOTE MANAGER 2023	Foundational Technology Systems	Monitoring Systems and Services	N/A	No	1	2	7	---	---	---	7	---	---	---	---	---
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - DIGI REMOTE MANAGER 2023**				**Yes**			**7**	**---**	**---**	**---**	**7**	**---**	**---**	**---**	**---**	**---**
Capital	INFORMATION TECHNOLOGY	RAMP - DIGITAL WORKSPACE	Foundational Technology Systems	End User Access and Supporting Services	N/A	No	3	4	68	---	---	---	68	---	---	---	---	---
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - DIGITAL WORKSPACE**				**Yes**			**68**	**---**	**---**	**---**	**68**	**---**	**---**	**---**	**---**	**---**
Capital	INFORMATION TECHNOLOGY	ENTERPRISE PRODUCTIVITY & COLLAB SDGE	Non-RAMP	Non-RAMP	Non-RAMP	No			1,034	---	---	---	1,034	---	---	---	---	---
Capital	**INFORMATION TECHNOLOGY**	**SubTotal ENTERPRISE PRODUCTIVITY & COLLAB SDGE**				**Yes**			**1,034**	**---**	**---**	**---**	**1,034**	**---**	**---**	**---**	**---**	**---**
Capital	INFORMATION TECHNOLOGY	IOS EPOCH MOBILITY APPS 2024	Non-RAMP	Non-RAMP	Non-RAMP	No	0	1	1,084	---	---	---	1,084	---	---	---	---	---

SDG&E INFORMATION TECHNOLOGY Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date ($)
Capital	**INFORMATION TECHNOLOGY**	**SubTotal IOS EPOCH MOBILITY APPS 2024**				**Yes**			**1,084**	---	---	---	**1,084**	---	---	---	---	---
Capital	INFORMATION TECHNOLOGY	NETBRAIN ENHANCEMENTS (P)	Non-RAMP	Non-RAMP	Non-RAMP	No	0	1	466	---	---	---	466	---	---	---	---	---
Capital	**INFORMATION TECHNOLOGY**	**SubTotal NETBRAIN ENHANCEMENTS (P)**				**Yes**			**466**	---	---	---	**466**	---	---	---	---	---
Capital	INFORMATION TECHNOLOGY	POWERWORKZ AGILE PROGRAM	Non-RAMP	Non-RAMP	Non-RAMP	No	0	2	1,028	---	---	---	1,028	---	---	---	---	---
Capital	**INFORMATION TECHNOLOGY**	**SubTotal POWERWORKZ AGILE PROGRAM**				**Yes**			**1,028**	---	---	---	**1,028**	---	---	---	---	---
Capital	INFORMATION TECHNOLOGY	PROJECT ECHELON SDGE	Non-RAMP	Non-RAMP	Non-RAMP	No			2,007	---	---	---	2,007	---	---	---	---	---
Capital	**INFORMATION TECHNOLOGY**	**SubTotal PROJECT ECHELON SDGE**				**Yes**			**2,007**	---	---	---	**2,007**	---	---	---	---	---
Capital	INFORMATION TECHNOLOGY	RCM UPGRADES	Non-RAMP	Non-RAMP	Non-RAMP	No	0	3	237	---	---	---	237	---	---	---	---	---
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RCM UPGRADES**				**Yes**			**237**	---	---	---	**237**	---	---	---	---	---
Capital	INFORMATION TECHNOLOGY	SMART METER NETWORK DEVICES	Non-RAMP	Non-RAMP	Non-RAMP	No			356	---	---	---	356	---	---	---	---	---
Capital	**INFORMATION TECHNOLOGY**	**SubTotal SMART METER NETWORK DEVICES**				**Yes**			**356**	---	---	---	**356**	---	---	---	---	---
Capital	INFORMATION TECHNOLOGY	SORT UPGRADE- ENTERPRISE	Non-RAMP	Non-RAMP	Non-RAMP	No			1,305	---	---	---	1,305	---	---	---	---	---
Capital	**INFORMATION TECHNOLOGY**	**SubTotal SORT UPGRADE- ENTERPRISE**				**Yes**			**1,305**	---	---	---	**1,305**	---	---	---	---	---
Capital	INFORMATION TECHNOLOGY	TEMS 2024 (P)	Non-RAMP	Non-RAMP	Non-RAMP	No	0	1	551	---	---	---	551	---	---	---	---	---
Capital	**INFORMATION TECHNOLOGY**	**SubTotal TEMS 2024 (P)**				**Yes**			**551**	---	---	---	**551**	---	---	---	---	---
Capital	INFORMATION TECHNOLOGY	TM1 ENHANCEMENTS - O&M PROCESS MODERNIZATION	Non-RAMP	Non-RAMP	Non-RAMP	No			123	---	---	---	123	---	---	---	---	---
Capital	**INFORMATION TECHNOLOGY**	**SubTotal TM1 ENHANCEMENTS- O&M PROCESS MODERNIZATION**				**Yes**			**123**	---	---	---	**123**	---	---	---	---	---
Capital	INFORMATION TECHNOLOGY	M Y ENERGY CENTER	Non-RAMP	Non-RAMP	Non-RAMP	No			12,152	---	---	---	12,152	---	---	---	---	---
Capital	**INFORMATION TECHNOLOGY**	**SubTotal M Y ENERGY CENTER**				**Yes**			**12,152**	---	---	---	**12,152**	---	---	---	---	---
Capital	INFORMATION TECHNOLOGY	RAMP - EMERGENCY COMMUNICATIONS ENHANCEMENTS	Foundational Technology System	Emergency Operations Center (EOC) Technology Resiliency	N/A	No	1	3	1	---	---	---	1	---	---	---	---	---
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - EMERGENCY COMMUNICATIONS ENHANCEMENTS**				**Yes**			**1**	---	---	---	**1**	---	---	---	---	---

SDG&E INFORMATION TECHNOLOGY Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Transfer	Roll-up	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference ($)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
Capital	INFORMATION TECHNOLOGY	APP MODERNIZATION & VULNERABILITY REDUCTION - PHASE 2	Non-RAMP	Non-RAMP	Non-RAMP	No	(4,742)	(4,867)	(5,015)	(5,163)	(4,742)	-100%	-100%	-100%	-100%	-100%
Capital	**INFORMATION TECHNOLOGY**	**SubT otal APP MODERNIZATION & VULNERABILITY REDUCTION - PHASE 2**				**Yes**	**(4,742)**	**(4,867)**	**(5,013)**	**(5,163)**	**(4,742)**	**-100%**	**-100%**	**-100%**	**-100%**	**-100%**
Capital	INFORMATION TECHNOLOGY	BUSINESS ADAPTATION TECHNOLOGIES & DIGITALIZATION	Non-RAMP	Non-RAMP	Non-RAMP	No	183	(1,440)	(1,491)	(1,536)	183	13%	-100%	-100%	-100%	13%
Capital	**INFORMATION TECHNOLOGY**	**SubT otal BUSINESS ADAPTATION TECHNOLOGIES & DIGITALIZATION**				**Yes**	**183**	**(1,440)**	**(1,491)**	**(1,536)**	**183**	**13%**	**-100%**	**-100%**	**-100%**	**13%**
Capital	INFORMATION TECHNOLOGY	CA BO MANDATES 2023	Non-RAMP	Non-RAMP	Non-RAMP	No	1,548	(450)	(472)	(486)	1,548	343%	-100%	-100%	-100%	343%
Capital	**INFORMATION TECHNOLOGY**	**SubT otal CA BO MANDATES 2023**				**Yes**	**1,548**	**(450)**	**(472)**	**(486)**	**1,548**	**343%**	**-100%**	**-100%**	**-100%**	**343%**
Capital	INFORMATION TECHNOLOGY	CA BO MANDATES 2024	Non-RAMP	Non-RAMP	Non-RAMP	No	(1,693)	(1,880)	(1,936)	(1,994)	(1,693)	-82%	-100%	-100%	-100%	-82%
Capital	**INFORMATION TECHNOLOGY**	**SubT otal CA BO MANDATES 2024**				**Yes**	**(1,693)**	**(1,880)**	**(1,936)**	**(1,994)**	**(1,693)**	**-82%**	**-100%**	**-100%**	**-100%**	**-82%**
Capital	INFORMATION TECHNOLOGY	CIS REGULATORY & ENHANCEMENTS 2024	Non-RAMP	Non-RAMP	Non-RAMP	No	(3,648)	(28,919)	(29,787)	(30,681)	(3,648)	-13%	-100%	-100%	-100%	-13%
Capital	**INFORMATION TECHNOLOGY**	**SubT otal CIS REGULATORY & ENHANCEMENTS 2024**				**Yes**	**(3,648)**	**(28,919)**	**(29,787)**	**(30,681)**	**(3,648)**	**-13%**	**-100%**	**-100%**	**-100%**	**-13%**
Capital	INFORMATION TECHNOLOGY	CLEAN TRANSPORTATION PRODUCT TEAM 2023-2024	Non-RAMP	Non-RAMP	Non-RAMP	No	(289)	(2,082)	(2,144)	(2,209)	(289)	-14%	-100%	-100%	-100%	-14%
Capital	**INFORMATION TECHNOLOGY**	**SubT otal CLEAN TRANSPORTATION PRODUCT TEAM 2023-2024**				**Yes**	**(289)**	**(2,082)**	**(2,144)**	**(2,209)**	**(289)**	**-14%**	**-100%**	**-100%**	**-100%**	**-14%**
Capital	INFORMATION TECHNOLOGY	CLOUD DATA LAKE	Non-RAMP	Non-RAMP	Non-RAMP	No	(2,953)	(3,042)	(3,133)	(3,227)	(2,953)	-100%	-100%	-100%	-100%	-100%
Capital	**INFORMATION TECHNOLOGY**	**SubT otal CLOUD DATA LAKE**				**Yes**	**(2,953)**	**(3,042)**	**(3,133)**	**(3,227)**	**(2,953)**	**-100%**	**-100%**	**-100%**	**-100%**	**-100%**
Capital	INFORMATION TECHNOLOGY	CONSTRUCTION, PLANNING AND DESIGN (CPD) ENHANCEMENTS	Non-RAMP	Non-RAMP	Non-RAMP	No	(702)	(2,398)	(2,470)	(2,544)	(702)	-30%	-100%	-100%	-100%	-30%
Capital	**INFORMATION TECHNOLOGY**	**SubT otal CONSTRUCTION, PLANNING AND DESIGN (CPD) ENHANCEMENTS**				**Yes**	**(702)**	**(2,398)**	**(2,470)**	**(2,544)**	**(702)**	**-30%**	**-100%**	**-100%**	**-100%**	**-30%**
Capital	INFORMATION TECHNOLOGY	CONTACT CENTER OF THE FUTURE (CCOTF)	Non-RAMP	Non-RAMP	Non-RAMP	No	(2,124)	(11,911)	(12,269)	(12,637)	(2,124)	-20%	-100%	-100%	-100%	-20%
Capital	**INFORMATION TECHNOLOGY**	**SubT otal CONTACT CENTER OF THE FUTURE (CCOTF)**				**Yes**	**(2,124)**	**(11,911)**	**(12,269)**	**(12,637)**	**(2,124)**	**-20%**	**-100%**	**-100%**	**-100%**	**-20%**
Capital	INFORMATION TECHNOLOGY	CROSS FUNCTIONAL WORK MANAGEMENT ENHANCEMENTS	Non-RAMP	Non-RAMP	Non-RAMP	No	(262)	(270)	(278)	(286)	(262)	-100%	-100%	-100%	-100%	-100%
Capital	**INFORMATION TECHNOLOGY**	**SubT otal CROSS-FUNCTIONAL WORK MANAGEMENT ENHANCEMENTS**				**Yes**	**(262)**	**(270)**	**(278)**	**(286)**	**(262)**	**-100%**	**-100%**	**-100%**	**-100%**	**-100%**
Capital	INFORMATION TECHNOLOGY	IT NON-RAMP APPLICATIONS-SRM	Non-RAMP	Non-RAMP	Non-RAMP	No	3,300	—	—	—	3,300	100%	—%	—%	—%	100%
Capital	**INFORMATION TECHNOLOGY**	**SubT otal IT NON-RAMP APPLICATIONS-SRM**				**Yes**	**3,300**	**—**	**—**	**—**	**3,300**	**100%**	**—%**	**—%**	**—%**	**100%**
Capital	INFORMATION TECHNOLOGY	DATA GOVERNANCE TOOLS & FRAMEWORK	Non-RAMP	Non-RAMP	Non-RAMP	No	2,329	(2,736)	(2,820)	(2,905)	2,329	88%	-100%	-100%	-100%	88%
Capital	**INFORMATION TECHNOLOGY**	**SubT otal DATA GOVERNANCE TOOLS & FRAMEWORK**				**Yes**	**2,329**	**(2,736)**	**(2,820)**	**(2,905)**	**2,329**	**88%**	**-100%**	**-100%**	**-100%**	**88%**
Capital	INFORMATION TECHNOLOGY	DIGITAL SERVICE INTEGRATION PLATFORM	Non-RAMP	Non-RAMP	Non-RAMP	No	1,472	(1,886)	(1,943)	(2,001)	1,472	80%	-100%	-100%	-100%	80%
Capital	**INFORMATION TECHNOLOGY**	**SubT otal DIGITAL SERVICE INTEGRATION PLATFORM**				**Yes**	**1,472**	**(1,886)**	**(1,943)**	**(2,001)**	**1,472**	**80%**	**-100%**	**-100%**	**-100%**	**80%**
Capital	INFORMATION TECHNOLOGY	DISTRIBUTION INTERCONNECTION INFO. SYSTEM - RULE 21 AND NET ENERGY METERING ENHANCEMENTS - PHASE 2	Non-RAMP	Non-RAMP	Non-RAMP	No	(272)	(1,819)	(1,874)	(1,930)	(272)	-15%	-100%	-100%	-100%	-15%
Capital	**INFORMATION TECHNOLOGY**	**SubT otal DISTRIBUTION INTERCONNECTION INFO. SYSTEM - RULE 21 AND NET ENERGY METERING ENHANCEMENTS - PHASE 2**				**Yes**	**(272)**	**(1,819)**	**(1,874)**	**(1,930)**	**(272)**	**-15%**	**-100%**	**-100%**	**-100%**	**-15%**
Capital	INFORMATION TECHNOLOGY	ELECTRIC GRID OPS SMALL CAPITAL 2024	Non-RAMP	Non-RAMP	Non-RAMP	No	(308)	(535)	(551)	(567)	(308)	-59%	-100%	-100%	-100%	-59%
Capital	**INFORMATION TECHNOLOGY**	**SubT otal ELECTRIC GRID OPS SMALL CAPITAL 2024**				**Yes**	**(308)**	**(535)**	**(551)**	**(567)**	**(308)**	**-59%**	**-100%**	**-100%**	**-100%**	**-59%**
Capital	INFORMATION TECHNOLOGY	ENGINEERING & CONSTRUCTION DOCUMENT CENTRALIZATION AND COMPLIANCE	Non-RAMP	Non-RAMP	Non-RAMP	No	(778)	(785)	(809)	(833)	(778)	-102%	-100%	-100%	-100%	-102%
Capital	**INFORMATION TECHNOLOGY**	**SubT otal ENGINEERING & CONSTRUCTION DOCUMENT CENTRALIZATION AND COMPLIANCE**				**Yes**	**(778)**	**(785)**	**(809)**	**(833)**	**(778)**	**-102%**	**-100%**	**-100%**	**-100%**	**-102%**
Capital	INFORMATION TECHNOLOGY	ENTERPRISE DISTRIBUTED ENERGY RESOURCE MANAGEMENT SYSTEM (DERMS)	Non-RAMP	Non-RAMP	Non-RAMP	No	(39.34)	(40.52)	(41.74)	(42.99)	(39.34)	-100%	-100%	-100%	-100%	-100%
Capital	**INFORMATION TECHNOLOGY**	**SubT otal ENTERPRISE DISTRIBUTED ENERGY RESOURCE MANAGEMENT SYSTEM (DERMS)**				**Yes**	**(39.34)**	**(40.52)**	**(41.74)**	**(42.99)**	**(39.34)**	**-100%**	**-100%**	**-100%**	**-100%**	**-100%**
Capital	INFORMATION TECHNOLOGY	FOUNDATIONAL ANALYTICS FOR SAFETY, COMPLIANCE AND EFFICIENCY	Non-RAMP	Non-RAMP	Non-RAMP	No	(59.09)	(71.39)	(73.53)	(75.74)	(59.09)	-85%	-100%	-100%	-100%	-85%
Capital	**INFORMATION TECHNOLOGY**	**SubT otal FOUNDATIONAL ANALYTICS FOR SAFETY, COMPLIANCE AND EFFICIENCY**				**Yes**	**(59.09)**	**(71.39)**	**(73.53)**	**(75.74)**	**(59.09)**	**-85%**	**-100%**	**-100%**	**-100%**	**-85%**
Capital	INFORMATION TECHNOLOGY	GRC & REGULATORY MANAGEMENT SYSTEM - PHASE 3	Non-RAMP	Non-RAMP	Non-RAMP	No	194	(1,539)	(1,585)	(1,633)	194	13%	-100%	-100%	-100%	13%
Capital	**INFORMATION TECHNOLOGY**	**SubT otal GRC & REGULATORY MANAGEMENT SYSTEM - PHASE 3**				**Yes**	**194**	**(1,539)**	**(1,585)**	**(1,633)**	**194**	**13%**	**-100%**	**-100%**	**-100%**	**13%**
Capital	INFORMATION TECHNOLOGY	INVESTMENT PRIORITIZATION	Non-RAMP	Non-RAMP	Non-RAMP	No	(8,061)	(11,263)	(11,601)	(11,949)	(8,061)	-74%	-100%	-100%	-100%	-74%
Capital	**INFORMATION TECHNOLOGY**	**SubT otal INVESTMENT PRIORITIZATION**				**Yes**	**(8,061)**	**(11,263)**	**(11,601)**	**(11,949)**	**(8,061)**	**-74%**	**-100%**	**-100%**	**-100%**	**-74%**
Capital	INFORMATION TECHNOLOGY	IT QUALITY AND CONTINUOUS TESTING PLATFORMS	Non-RAMP	Non-RAMP	Non-RAMP	No	(427)	(1,210)	(1,246)	(1,283)	(427)	-36%	-100%	-100%	-100%	-36%
Capital	**INFORMATION TECHNOLOGY**	**SubT otal IT QUALITY AND CONTINUOUS TESTING PLATFORMS**				**Yes**	**(427)**	**(1,210)**	**(1,246)**	**(1,283)**	**(427)**	**-36%**	**-100%**	**-100%**	**-100%**	**-36%**
Capital	INFORMATION TECHNOLOGY	LOCAL AREA DISTRIBUTION CONTROLLER (LADC) 2023-2024	Non-RAMP	Non-RAMP	Non-RAMP	No	913	—	—	—	913	100%	—%	—%	—%	100%
Capital	**INFORMATION TECHNOLOGY**	**SubT otal LOCAL AREA DISTRIBUTION CONTROLLER (LADC) 2023-2024**				**Yes**	**913**	**—**	**—**	**—**	**913**	**100%**	**—%**	**—%**	**—%**	**100%**
Capital	INFORMATION TECHNOLOGY	RAMP - ADVANCED DATA AND DECISION MODELING	Foundational Technology Systems	Electric Operation's Systems (SDGE) Resiliency	N/A	No	(40.34)	(48.10)	(49.63)	(51.12)	(40.34)	-80%	-100%	-100%	-100%	-86%
Capital	**INFORMATION TECHNOLOGY**	**SubT otal RAMP - ADVANCED DATA AND DECISION MODELING**				**Yes**	**(40.34)**	**(48.10)**	**(49.63)**	**(51.12)**	**(40.34)**	**-80%**	**-100%**	**-100%**	**-100%**	**-86%**
Capital	INFORMATION TECHNOLOGY	RAMP - CLOUD FOUNDATIONS	Foundational Technology Systems	Cloud Resiliency Services	N/A	No	(8.61)	(6.663)	(6.657)	(6.857)	(8.61)	-1.4%	-100%	-100%	-100%	-14%
Capital	**INFORMATION TECHNOLOGY**	**SubT otal RAMP - CLOUD FOUNDATIONS**				**Yes**	**(8.61)**	**(6.663)**	**(6.657)**	**(6.857)**	**(8.61)**	**-14%**	**-100%**	**-100%**	**-100%**	**-14%**
Capital	INFORMATION TECHNOLOGY	RAMP - DECISION ANALYTICS & SITUATIONAL AWARENESS	Foundational Technology Systems	Electric Operation's Systems (SDGE) Resiliency	N/A	No	(1.289)	(1.860)	(1.924)	(1.982)	(1.289)	-71%	-100%	-100%	-100%	-71%
Capital	**INFORMATION TECHNOLOGY**	**SubT otal RAMP - DECISION ANALYTICS & SITUATIONAL AWARENESS**				**Yes**	**(1.289)**	**(1.860)**	**(1.924)**	**(1.982)**	**(1.289)**	**-71%**	**-100%**	**-100%**	**-100%**	**-71%**

SDG&E INFORMATION TECHNOLOGY Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference ($)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
Capital	INFORMATION TECHNOLOGY	RAMP - DIGITAL ASSET AND DAMAGES DETECTION PLATFORM	Foundational Technology Systems	Electric Operation i Systems (SDGE) Resiliency	N/A	No	(1,817)	(4,477)	(4,611)	(4,749)	(1,817)	-42%	-100%	-100%	-100%	-42%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - DIGITAL ASSET AND DAMAGES DETECTION PLATFORM**				**Yes**	**(1,817)**	**(4,477)**	**(4,611)**	**(4,749)**	**(1,817)**	**-42%**	**-100%**	**-100%**	**-100%**	**-42%**
Capital	INFORMATION TECHNOLOGY	RAMP - DIGITAL PROCESS AUTOMATION	Non-RAMP	Non-RAMP	Non-RAMP	No	(323)	(3,953)	(4,071)	(4,193)	(323)	-8%	-100%	-100%	-100%	-8%
Capital	INFORMATION TECHNOLOGY	RAMP - DIGITAL PROCESS AUTOMATION	Foundational Technology Systems	Electric Operation i Systems (SDGE) Resiliency	N/A	No	(136)	(1,951)	(2,009)	(2,070)	(136)	-7%	-100%	-100%	-100%	-7%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal**				**Yes**	**(458)**	**(5,904)**	**(6,080)**	**(6,263)**	**(458)**	**-8%**	**-100%**	**-100%**	**-100%**	**-8%**
Capital	INFORMATION TECHNOLOGY	RAMP - ELECTRIC DISTRIBUTION ASSET INVESTMENT	Asset Management	Asset Management	N/A	No	(4,678)	(4,818)	(4,963)	(5,112)	(4,678)	-100%	-100%	-100%	-100%	-100%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - ELECTRIC DISTRIBUTION ASSET INVESTMENT**				**Yes**	**(4,678)**	**(4,818)**	**(4,963)**	**(5,112)**	**(4,678)**	**-100%**	**-100%**	**-100%**	**-100%**	**-100%**
Capital	INFORMATION TECHNOLOGY	RAMP - ENERGY TRANSITION DIGITAL TWIN	Foundational Technology Systems	Monitoring Systems and Services	N/A	No	171	(2,416)	(2,488)	(2,563)	171	7%	-100%	-100%	-100%	7%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - ENERGY TRANSITION DIGITAL TWIN**				**Yes**	**171**	**(2,416)**	**(2,488)**	**(2,563)**	**171**	**7%**	**-100%**	**-100%**	**-100%**	**7%**
Capital	INFORMATION TECHNOLOGY	RAMP - FIELD MOBILE HARDWARE REPLACEMENT	Foundational Technology Systems	Electric Operation i Systems (SDGE) Resiliency	N/A	No	(1,633)	(4,213)	(4,443)	(4,576)	(1,633)	-39%	-100%	-100%	-100%	-39%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - FIELD MOBILE HARDWARE REPLACEMENT**				**Yes**	**(1,633)**	**(4,213)**	**(4,443)**	**(4,576)**	**(1,633)**	**-39%**	**-100%**	**-100%**	**-100%**	**-39%**
Capital	INFORMATION TECHNOLOGY	RAMP - FIELD SERVICE DELIVERY (FSD) - DATA & ANALYTICS PLATFORM	Foundational Technology Systems	Electric Operation i Systems (SDGE) Resiliency; Gas Operations Systems Resiliency	N/A	No	(2,561)	(5,928)	(6,106)	(6,289)	(2,561)	-44%	-100%	-100%	-100%	-44%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - FIELD SERVICE DELIVERY (FSD) - DATA & ANALYTICS PLATFORM**				**Yes**	**(2,561)**	**(5,928)**	**(6,106)**	**(6,289)**	**(2,561)**	**-44%**	**-100%**	**-100%**	**-100%**	**-44%**

SDG&E INFORMATION TECHNOLOGY Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference ($)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
Capital	INFORMATION TECHNOLOGY	RAMP - FIELD SERVICE DELIVERY (FSD) - SCHEDULING & DISPATCH PHASE	Foundational Technology Systems	Electric Operations Systems (SDGE) Resiliency ; Gas Operations Systems Resiliency	N/A	No	5,151	(1,285.0)	(13,240)	(13,637)	5,151	41%	-100%	-100%	-100%	41%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - FIELD SERVICE DELIVERY (FSD) - SCHEDULING & DISPATCH PHASE**				**Yes**	**5,151**	**(1,285.0)**	**(13,240)**	**(13,637)**	**5,151**	**41%**	**-100%**	**-100%**	**-100%**	**41%**
Capital	INFORMATION TECHNOLOGY	RAMP - GIS MODERNIZATION	Foundational Technology Systems	Electric Operations Systems (SDGE) Resiliency	N/A	No	1,997	(418)	(431)	(444)	1,997	492%	-100%	-100%	-100%	492%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - GIS MODERNIZATION**				**Yes**	**1,997**	**(418)**	**(431)**	**(444)**	**1,997**	**492%**	**-100%**	**-100%**	**-100%**	**492%**
Capital	INFORMATION TECHNOLOGY	RAMP - INFRASTRUCTURE AS A SERVICE (IAAS) IMPLEMENTATION	Foundational Technology Systems	Cloud Resiliency Services	N/A	No	(2,263)	(2,634)	(2,507)	(2,582)	(2,263)	-100%	-100%	-100%	-100%	-100%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - INFRASTRUCTURE AS A SERVICE (IAAS) IMPLEMENTATION**				**Yes**	**(2,263)**	**(2,634)**	**(2,507)**	**(2,582)**	**(2,263)**	**-100%**	**-100%**	**-100%**	**-100%**	**-100%**
Capital	INFORMATION TECHNOLOGY	RAMP - JUNIPER 2022 EQUIPMENT REPLACEMENT AGREEMENT	Foundational Technology Systems	Network & Voice System Resiliency	N/A	No	(38)	(1,451)	(1,495)	(1,540)	(38)	-3%	-100%	-100%	-100%	-3%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - JUNIPER 2022 EQUIPMENT REPLACEMENT AGREEMENT**				**Yes**	**(38)**	**(1,451)**	**(1,495)**	**(1,540)**	**(38)**	**-3%**	**-100%**	**-100%**	**-100%**	**-3%**
Capital	INFORMATION TECHNOLOGY	RAMP - LOCAL AREA NETWORK (LAN) REFRESH 2022	Foundational Technology Systems	Network & Voice System Resiliency	N/A	No	(4,503)	(6,016)	(6,197)	(6,383)	(4,503)	-77%	-100%	-100%	-100%	-77%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - LOCAL AREA NETWORK (LAN) REFRESH 2022**				**Yes**	**(4,503)**	**(6,016)**	**(6,197)**	**(6,383)**	**(4,503)**	**-77%**	**-100%**	**-100%**	**-100%**	**-77%**
Capital	INFORMATION TECHNOLOGY	RAMP - TELECOM SITE IMPROVEMENTS	Foundational Technology Systems	Network & Voice System Resiliency	N/A	No	(2,183)	(4,528)	(4,664)	(4,804)	(2,183)	-50%	-100%	-100%	-100%	-50%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - TELECOM SITE IMPROVEMENTS**				**Yes**	**(2,183)**	**(4,528)**	**(4,664)**	**(4,804)**	**(2,183)**	**-50%**	**-100%**	**-100%**	**-100%**	**-50%**
Capital	INFORMATION TECHNOLOGY	RAMP - TRANSMISSION COMMUNICATIONS RELIABILITY IMPROVEMENT (TCRI) 2024	Foundational Technology Systems	Network & Voice System Resiliency	N/A	No	(2,435)	(5,698)	(5,870)	(6,046)	(2,435)	-44%	-100%	-100%	-100%	-44%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - TRANSMISSION COMMUNICATIONS RELIABILITY IMPROVEMENT (TCRI) 2024**				**Yes**	**(2,435)**	**(5,698)**	**(5,870)**	**(6,046)**	**(2,435)**	**-44%**	**-100%**	**-100%**	**-100%**	**-44%**
Capital	INFORMATION TECHNOLOGY	RAMP - VEGETATION MANAGEMENT - WORK MANAGEMENT	Foundational Technology Systems	Electric Operations Systems (SDGE) Resiliency	N/A	No	(2,104)	(2,167)	(2,232)	(2,299)	(2,104)	-100%	-100%	-100%	-100%	-100%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - VEGETATION MANAGEMENT - WORK MANAGEMENT**				**Yes**	**(2,104)**	**(2,167)**	**(2,232)**	**(2,299)**	**(2,104)**	**-100%**	**-100%**	**-100%**	**-100%**	**-100%**
Capital	INFORMATION TECHNOLOGY	RAMP - VEHICLE TELEMATICS - PHASE 2	Foundational Technology Systems	Electric Operations Systems (SDGE) Resiliency	N/A	No	(390)	(402)	(414)	(426)	(390)	-100%	-100%	-100%	-100%	-100%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - VEHICLE TELEMATICS - PHASE 2**				**Yes**	**(390)**	**(402)**	**(414)**	**(426)**	**(390)**	**-100%**	**-100%**	**-100%**	**-100%**	**-100%**
Capital	INFORMATION TECHNOLOGY	RAMP - VIRTUAL DISKTOP EXPANSION (VDI) - PHASE 2	Foundational Technology Systems	End User Access and Supporting Services	N/A	No	(1,703)	(1,885)	(1,942)	(2,001)	(1,703)	-93%	-100%	-100%	-100%	-93%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - VIRTUAL DESKTOP EXPANSION (VDI) - PHASE 2**				**Yes**	**(1,703)**	**(1,885)**	**(1,942)**	**(2,001)**	**(1,703)**	**-93%**	**-100%**	**-100%**	**-100%**	**-93%**
Capital	INFORMATION TECHNOLOGY	RAMP - WIDE AREA NETWORK (WAN) REFRESH	Foundational Technology Systems	Network & Voice System Resiliency	N/A	No	(3,157)	(3,690)	(3,801)	(3,915)	(3,157)	-88%	-100%	-100%	-100%	-88%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - WIDE AREA NETWORK (WAN) REFRESH**				**Yes**	**(3,157)**	**(3,690)**	**(3,801)**	**(3,915)**	**(3,157)**	**-88%**	**-100%**	**-100%**	**-100%**	**-88%**
Capital	INFORMATION TECHNOLOGY	RAMP- ASSET 360 - ASSET DATA FOUNDATION	Asset Management	Asset Management	N/A	No	(670)	(3,030)	(3,121)	(3,215)	(670)	-23%	-100%	-100%	-100%	-23%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP- ASSET 360 - ASSET DATA FOUNDATION**				**Yes**	**(670)**	**(3,030)**	**(3,121)**	**(3,215)**	**(670)**	**-23%**	**-100%**	**-100%**	**-100%**	**-23%**
Capital	INFORMATION TECHNOLOGY	SMART GRID OPERATIONS 2024	Non-RAMP	Non-RAMP	Non-RAMP	No	465	(3,059)	(3,151)	(3,246)	465	16%	-100%	-100%	-100%	16%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal SMART GRID OPERATIONS 2024**				**Yes**	**465**	**(3,059)**	**(3,151)**	**(3,246)**	**465**	**16%**	**-100%**	**-100%**	**-100%**	**16%**
Capital	INFORMATION TECHNOLOGY	SMART METER (PRODUCT) 2022-2024	Non-RAMP	Non-RAMP	Non-RAMP	No	1,820	—	—	—	1,820	100%	—%	—%	—%	100%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal SMART METER (PRODUCT) 2022-2024**				**Yes**	**1,820**	**—**	**—**	**—**	**1,820**	**100%**	**—%**	**—%**	**—%**	**100%**
Capital	INFORMATION TECHNOLOGY	SMART METER 2.0	Non-RAMP	Non-RAMP	Non-RAMP	No	13,349	—	—	—	13,349	100%	—%	—%	—%	100%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal SMART METER 2.0**				**Yes**	**13,349**	**—**	**—**	**—**	**13,349**	**100%**	**—%**	**—%**	**—%**	**100%**
Capital	INFORMATION TECHNOLOGY	TEST ACCELERATION ENABLEMENT (TAE) WITH DEVSECOPS	Non-RAMP	Non-RAMP	Non-RAMP	No	(585)	(2,100)	(2,163)	(2,228)	(585)	-29%	-100%	-100%	-100%	-29%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal TEST ACCELERATION ENABLEMENT (TAE) WITH DEVSECOPS**				**Yes**	**(585)**	**(2,100)**	**(2,163)**	**(2,228)**	**(585)**	**-29%**	**-100%**	**-100%**	**-100%**	**-29%**
Capital	INFORMATION TECHNOLOGY	IT ELECTRIC OPERATIONS SYSTEMS	Foundational Technology Systems	Electric Operations Systems (SDGE) Resiliency	N/A	No	582	—	—	—	582	100%	—%	—%	—%	100%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal IT ELECTRIC OPERATIONS SYSTEMS**				**Yes**	**582**	**—**	**—**	**—**	**582**	**100%**	**—%**	**—%**	**—%**	**100%**
Capital	INFORMATION TECHNOLOGY	IT NON-RAMP CUSTOMER SERVICE	Non-RAMP	Non-RAMP	Non-RAMP	No	1,820	—	—	—	1,820	100%	—%	—%	—%	100%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal IT NON-RAMP CUSTOMER SERVICE**				**Yes**	**1,820**	**—**	**—**	**—**	**1,820**	**100%**	**—%**	**—%**	**—%**	**100%**
Capital	INFORMATION TECHNOLOGY	NETWORK SYSTEMS	Foundational Technology Systems	Network & Voice Systems Resiliency	N/A	No	2,217	—	—	—	2,217	100%	—%	—%	—%	100%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal NETWORK SYSTEMS**				**Yes**	**2,217**	**—**	**—**	**—**	**2,217**	**100%**	**—%**	**—%**	**—%**	**100%**
Capital	INFORMATION TECHNOLOGY	NON-RAMP APPLICATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	7,211	—	—	—	7,211	100%	—%	—%	—%	100%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal NON-RAMP APPLICATIONS**				**Yes**	**7,211**	**—**	**—**	**—**	**7,211**	**100%**	**—%**	**—%**	**—%**	**100%**
Capital	INFORMATION TECHNOLOGY	RAMP - DIGI REMOTE MANAGER 2023	Foundational Technology Systems	Monitoring Systems and Services	N/A	No	7	—	—	—	7	100%	—%	—%	—%	100%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - DIGI REMOTE MANAGER 2023**				**Yes**	**7**	**—**	**—**	**—**	**7**	**100%**	**—%**	**—%**	**—%**	**100%**
Capital	INFORMATION TECHNOLOGY	RAMP - DIGITAL WORKSPACE	Foundational Technology Systems	End User Access and Supporting Services	N/A	No	68	—	—	—	68	100%	—%	—%	—%	100%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - DIGITAL WORKSPACE**				**Yes**	**68**	**—**	**—**	**—**	**68**	**100%**	**—%**	**—%**	**—%**	**100%**
Capital	INFORMATION TECHNOLOGY	ENTERPRISE PRODUCTIVITY & COLLAB SDGE	Non-RAMP	Non-RAMP	Non-RAMP	No	1,034	—	—	—	1,034	100%	—%	—%	—%	100%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal ENTERPRISE PRODUCTIVITY & COLLAB SDGE**				**Yes**	**1,034**	**—**	**—**	**—**	**1,034**	**100%**	**—%**	**—%**	**—%**	**100%**
Capital	INFORMATION TECHNOLOGY	IOS EPOCH MOBILITY APPS 2024	Non-RAMP	Non-RAMP	Non-RAMP	No	1,084	—	—	—	1,084	100%	—%	—%	—%	100%

SDG&E INFORMATION TECHNOLOGY Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference ($)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
Capital	**INFORMATION TECHNOLOGY**	**SubTotal IOS EPOCH MOBILITY APPS 2024**				**Yes**	**1,084**	**—**	**—**	**—**	**1,084**	**100%**	**—%**	**—%**	**—%**	**100%**
Capital	INFORMATION TECHNOLOGY	NETBRAIN ENHANCEMENTS (P)	Non-RAMP	Non-RAMP	Non-RAMP	No	466	—	—	—	466	100%	—%	—%	—%	100%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal NETBRAIN ENHANCEMENTS (P)**				**Yes**	**466**	**—**	**—**	**—**	**466**	**100%**	**—%**	**—%**	**—%**	**100%**
Capital	INFORMATION TECHNOLOGY	POWERWORKZ AGILE PROGRAM	Non-RAMP	Non-RAMP	Non-RAMP	No	1,028	—	—	—	1,028	100%	—%	—%	—%	100%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal POWERWORKZ AGILE PROGRAM**				**Yes**	**1,028**	**—**	**—**	**—**	**1,028**	**100%**	**—%**	**—%**	**—%**	**100%**
Capital	INFORMATION TECHNOLOGY	PROJECT ECHELON SDGE	Non-RAMP	Non-RAMP	Non-RAMP	No	2,007	—	—	—	2,007	100%	—%	—%	—%	100%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal PROJECT ECHELON SDGE**				**Yes**	**2,007**	**—**	**—**	**—**	**2,007**	**100%**	**—%**	**—%**	**—%**	**100%**
Capital	INFORMATION TECHNOLOGY	RCM UPGRADES	Non-RAMP	Non-RAMP	Non-RAMP	No	237	—	—	—	237	100%	—%	—%	—%	100%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RCM UPGRADES**				**Yes**	**237**	**—**	**—**	**—**	**237**	**100%**	**—%**	**—%**	**—%**	**100%**
Capital	INFORMATION TECHNOLOGY	SMART METER NETWORK DEVICES	Non-RAMP	Non-RAMP	Non-RAMP	No	356	—	—	—	356	100%	—%	—%	—%	100%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal SMART METER NETWORK DEVICES**				**Yes**	**356**	**—**	**—**	**—**	**356**	**100%**	**—%**	**—%**	**—%**	**100%**
Capital	INFORMATION TECHNOLOGY	SORT UPGRADE- ENTERPRISE	Non-RAMP	Non-RAMP	Non-RAMP	No	1,305	—	—	—	1,305	100%	—%	—%	—%	100%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal SORT UPGRADE- ENTERPRISE**				**Yes**	**1,305**	**—**	**—**	**—**	**1,305**	**100%**	**—%**	**—%**	**—%**	**100%**
Capital	INFORMATION TECHNOLOGY	TEMS 2024 (P)	Non-RAMP	Non-RAMP	Non-RAMP	No	551	—	—	—	551	100%	—%	—%	—%	100%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal TEMS 2024 (P)**				**Yes**	**551**	**—**	**—**	**—**	**551**	**100%**	**—%**	**—%**	**—%**	**100%**
Capital	INFORMATION TECHNOLOGY	TM1 ENHANCEMENTS - O&M PROCESS MODERNIZATION	Non-RAMP	Non-RAMP	Non-RAMP	No	123	—	—	—	123	100%	—%	—%	—%	100%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal TM1 ENHANCEMENTS- O&M PROCESS MODERNIZATION**				**Yes**	**123**	**—**	**—**	**—**	**123**	**100%**	**—%**	**—%**	**—%**	**100%**
Capital	INFORMATION TECHNOLOGY	MY ENERGY CENTER	Non-RAMP	Non-RAMP	Non-RAMP	No	12,152	—	—	—	12,152	100%	—%	—%	—%	100%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal MY ENERGY CENTER**				**Yes**	**12,152**	**—**	**—**	**—**	**12,152**	**100%**	**—%**	**—%**	**—%**	**100%**
Capital	INFORMATION TECHNOLOGY	RAMP - EMERGENCY COMMUNICATIONS ENHANCEMENTS	Foundational Technology System	Emergency Operations Center (EOC) Technology Resiliency	N/A	No	1	—	—	—	1	100%	—%	—%	—%	100%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - EMERGENCY COMMUNICATIONS ENHANCEMENTS**				**Yes**	**1**	**—**	**—**	**—**	**1**	**100%**	**—%**	**—%**	**—%**	**100%**

SDG&E INFORMATION TECHNOLOGY Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
Capital	INFORMATION TECHNOLOGY	APP MODERNIZATION & VULNERABILITY REDUCTION - PHASE 2	Non-RAMP	Non-RAMP	Non-RAMP	No	Applications	2.5				2.5	2.5				2.5	(2.5)	0	0	0	(2.5)	(50)%	0 %	0 %	0 %	(50)%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal APP MODERNIZATION & VULNERABILITY REDUCTION - PHASE 2**				**Yes**																					
Capital	INFORMATION TECHNOLOGY	BUSINESS ADAPTATION TECHNOLOGIES & DIGITALIZATION	Non-RAMP	Non-RAMP	Non-RAMP	No																					
Capital	**INFORMATION TECHNOLOGY**	**SubTotal BUSINESS ADAPTATION TECHNOLOGIES & DIGITALIZATION**				**Yes**																					
Capital	INFORMATION TECHNOLOGY	CA\$O MANDATES 2023	Non-RAMP	Non-RAMP	Non-RAMP	No	Applications	4				4	4				4	0	0	0	0	—	0 %	0 %	0 %	0 %	0 %
Capital	**INFORMATION TECHNOLOGY**	**SubTotal CA\$O MANDATES 2023**				**Yes**																					
Capital	INFORMATION TECHNOLOGY	CA\$O MANDATES 2024	Non-RAMP	Non-RAMP	Non-RAMP	No	Applications	4				4	4				4	0	0	0	0	—	0 %	0 %	0 %	0 %	0 %
Capital	**INFORMATION TECHNOLOGY**	**SubTotal CA\$O MANDATES 2024**				**Yes**																					
Capital	INFORMATION TECHNOLOGY	CIS REGULATORY & ENHANCEMENTS 2024	Non-RAMP	Non-RAMP	Non-RAMP	No																					
Capital	**INFORMATION TECHNOLOGY**	**SubTotal CIS REGULATORY & ENHANCEMENTS 2024**				**Yes**																					
Capital	INFORMATION TECHNOLOGY	CLEAN TRANSPORTATION PRODUCT TEAM 2023-2024	Non-RAMP	Non-RAMP	Non-RAMP	No																					
Capital	**INFORMATION TECHNOLOGY**	**SubTotal CLEAN TRANSPORTATION PRODUCT TEAM 2023-2024**				**Yes**																					
Capital	INFORMATION TECHNOLOGY	CLOUD DATA LAKE	Non-RAMP	Non-RAMP	Non-RAMP	No																					
Capital	**INFORMATION TECHNOLOGY**	**SubTotal CLOUD DATA LAKE**				**Yes**																					
Capital	INFORMATION TECHNOLOGY	CONSTRUCTION, PLANNING AND DESIGN (CPD) ENHANCEMENTS	Non-RAMP	Non-RAMP	Non-RAMP	No	Applications	1				1	1				1	0	0	0	0	—	0 %	0 %	0 %	0 %	0 %
Capital	**INFORMATION TECHNOLOGY**	**SubTotal CONSTRUCTION, PLANNING AND DESIGN (CPD) ENHANCEMENTS**				**Yes**																					
Capital	INFORMATION TECHNOLOGY	CONTACT CENTER OF THE FUTURE (CCOTF)	Non-RAMP	Non-RAMP	Non-RAMP	No																					
Capital	**INFORMATION TECHNOLOGY**	**SubTotal CONTACT CENTER OF THE FUTURE (CCOTF)**				**Yes**																					
Capital	INFORMATION TECHNOLOGY	CROSS-FUNCTIONAL WORK MANAGEMENT ENHANCEMENTS	Non-RAMP	Non-RAMP	Non-RAMP	No																					
Capital	**INFORMATION TECHNOLOGY**	**SubTotal CROSS-FUNCTIONAL WORK MANAGEMENT ENHANCEMENTS**				**Yes**																					
Capital	INFORMATION TECHNOLOGY	IT NON-RAMP APPLICATIONS-SRM	Non-RAMP	Non-RAMP	Non-RAMP	No	This workpaper for the Application portfolio contains various projects within the following categories: (1) Geospatial Field Improvements, (2) Emerging Tech - Virtual Reality Expansion, (3) Builder Customer portal modernization. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																		
Capital	**INFORMATION TECHNOLOGY**	**SubTotal IT NON-RAMP APPLICATIONS-SRM**				**Yes**																					
Capital	INFORMATION TECHNOLOGY	DATA GOVERNANCE TOOLS & FRAMEWORK	Non-RAMP	Non-RAMP	Non-RAMP	No																					
Capital	**INFORMATION TECHNOLOGY**	**SubTotal DATA GOVERNANCE TOOLS & FRAMEWORK**				**Yes**																					
Capital	INFORMATION TECHNOLOGY	DIGITAL SERVICE INTEGRATION PLATFORM	Non-RAMP	Non-RAMP	Non-RAMP	No																					
Capital	**INFORMATION TECHNOLOGY**	**SubTotal DIGITAL SERVICE INTEGRATION PLATFORM**				**Yes**																					
Capital	INFORMATION TECHNOLOGY	DISTRIBUTION INTERCONNECTION INFO. SYSTEM - RULE 21 AND NET ENERGY METERING ENHANCEMENTS - PHASE 2	Non-RAMP	Non-RAMP	Non-RAMP	No	Applications	1				1	1				1	0	0	0	0	—	0 %	0 %	0 %	0 %	0 %
Capital	**INFORMATION TECHNOLOGY**	**SubTotal DISTRIBUTION INTERCONNECTION INFO. SYSTEM - RULE 21 AND NET ENERGY METERING ENHANCEMENTS - PHASE 2**				**Yes**																					
Capital	INFORMATION TECHNOLOGY	ELECTRIC GRID OPS SMALL CAPEAL 2024	Non-RAMP	Non-RAMP	Non-RAMP	No	Hardware	2				2	2				2	0	0	0	0	—	0 %	0 %	0 %	0 %	0 %
Capital	**INFORMATION TECHNOLOGY**	**SubTotal ELECTRIC GRID OPS SMALL CAPITAL 2024**				**Yes**																					
Capital	INFORMATION TECHNOLOGY	ENGINEERING & CONSTRUCTION DOCUMENT CENTRALIZATION AND COMPLIANCE	Non-RAMP	Non-RAMP	Non-RAMP	No																					
Capital	**INFORMATION TECHNOLOGY**	**SubTotal ENGINEERING & CONSTRUCTION DOCUMENT CENTRALIZATION AND COMPLIANCE**				**Yes**																					
Capital	INFORMATION TECHNOLOGY	ENTERPRISE DISTRIBUTED ENERGY RESOURCE MANAGEMENT SYSTEM (DERMS)	Non-RAMP	Non-RAMP	Non-RAMP	No	Applications	—				—	3				3	(3)	0	0	0	(3)	(100)%	0 %	0 %	0 %	(100)%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal ENTERPRISE DISTRIBUTED ENERGY RESOURCE MANAGEMENT SYSTEM (DERMS)**				**Yes**																					
Capital	INFORMATION TECHNOLOGY	FOUNDATIONAL ANALYTICS FOR SAFETY, COMPLIANCE AND EFFICIENCY	Non-RAMP	Non-RAMP	Non-RAMP	No	Applications	7				7	50				50	(43)	0	0	0	(43)	(86)%	0 %	0 %	0 %	(86)%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal FOUNDATIONAL ANALYTICS FOR SAFETY, COMPLIANCE AND EFFICIENCY**				**Yes**																					
Capital	INFORMATION TECHNOLOGY	GRC & REGULATORY MANAGEMENT SYSTEM - PHASE 3	Non-RAMP	Non-RAMP	Non-RAMP	No																					
Capital	**INFORMATION TECHNOLOGY**	**SubTotal GRC & REGULATORY MANAGEMENT SYSTEM - PHASE 3**				**Yes**																					
Capital	INFORMATION TECHNOLOGY	INVESTMENT PRIORITIZATION	Non-RAMP	Non-RAMP	Non-RAMP	No	Applications	1				1	1				1	0	0	0	0	—	0 %	0 %	0 %	0 %	0 %
Capital	**INFORMATION TECHNOLOGY**	**SubTotal INVESTMENT PRIORITIZATION**				**Yes**																					
Capital	INFORMATION TECHNOLOGY	IT QUALITY AND CONTINUOUS TESTING PLATFORMS	Non-RAMP	Non-RAMP	Non-RAMP	No																					
Capital	**INFORMATION TECHNOLOGY**	**SubTotal IT QUALITY AND CONTINUOUS TESTING PLATFORMS**				**Yes**																					
Capital	INFORMATION TECHNOLOGY	LOCAL AREA DISTRIBUTION CONTROLLER (LADC) 2023-2024	Non-RAMP	Non-RAMP	Non-RAMP	No	Sites	1				1	0				—	1	0	0	0	1	100 %	0 %	0 %	0 %	100 %
Capital	**INFORMATION TECHNOLOGY**	**SubTotal LOCAL AREA DISTRIBUTION CONTROLLER (LADC) 2023-2024**				**Yes**																					
Capital	INFORMATION TECHNOLOGY	RAMP - ADVANCED DATA AND DECISION MODELING	Foundational Technology Systems	Electric Operation sSystems (SDGE) Resiliency	N/A	No	Applications	1				1	5				5	(4)	0	0	0	(4)	(80)%	0 %	0 %	0 %	(80)%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - ADVANCED DATA AND DECISION MODELING**				**Yes**																					
Capital	INFORMATION TECHNOLOGY	RAMP - CLOUD FOUNDATIONS	Foundational Technology Systems	Cloud Resiliency Services	N/A	No	Cloud Environments	3				3	3				3	0	0	0	0	—	0 %	0 %	0 %	0 %	0 %
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - CLOUD FOUNDATIONS**				**Yes**																					
Capital	INFORMATION TECHNOLOGY	RAMP - DECISION ANALYTICS & SITUATIONAL AWARENESS	Foundational Technology Systems	Electric Operation sSystems (SDGE) Resiliency	N/A	No	Applications	1				1	5				5	(4)	0	0	0	(4)	(80)%	0 %	0 %	0 %	(80)%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - DECISION ANALYTICS & SITUATIONAL AWARENESS**				**Yes**																					

SDG&E INFORMATION TECHNOLOGY Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
Capital	INFORMATION TECHNOLOGY	RAMP - DIGITAL ASSET AND DAMAGES DETECTION PLATFORM	Foundational Technology Systems	Electric Operation i Systems (EOGE) Resiliency	N/A	No	Applications	8				8	15				15	(7)	0	0	0	(7)	(47)%	0 %	0 %	0 %	(47)%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - DIGITAL ASSET AND DAMAGES DETECTION PLATFORM**				**Yes**																					
Capital	INFORMATION TECHNOLOGY	RAMP - DIGIEAL PROCESS AUTOMATION	Non-RAMP	Non-RAMP	Non-RAMP	No	Applications	2.5				2.5	2.5				2.5	3	0	0	0	3	12 %	0 %	0 %	0 %	12 %
Capital	INFORMATION TECHNOLOGY	RAMP - DIGIEAL PROCESS AUTOMATION	Foundational Technology Systems	Electric Operation i Systems (EOGE) Resiliency	N/A	No	Applications	1.5				1.5	1.5				1.5	0	0	0	0	—	0 %	0 %	0 %	0 %	0 %
Capital	**INFORMATION TECHNOLOGY**	**SubTotal**				**Yes**																					
Capital	INFORMATION TECHNOLOGY	RAMP - ELIECTIRC DISTRIBUTION ASSET INVESTMENT	Asset Management	Asset Menagement	N/A	No	Applications	—				—	1				1	(1)	0	0	0	(1)	(100)%	0 %	0 %	0 %	(100)%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - ELECTIRC DISTRIBUTION ASSET INVESTMENT**				**Yes**																					
Capital	INFORMATION TECHNOLOGY	RAMP - ENERGY TRANSITION DIGITAL TWIN	Foundational Technology Systems	Monitoring Systems and Services	N/A	No	Use Cases	3				3	3				3	0	0	0	0	—	0 %	0 %	0 %	0 %	0 %
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - ENERGY TRANSITION DIGITAL TWIN**				**Yes**																					
Capital	INFORMATION TECHNOLOGY	RAMP - FIELD MOBILE HARDWARE REPLACEMENT	Foundational Technology Systems	Electric Operation i Systems (EOGE) Resiliency	N/A	No	Devices	800				800	800				800	0	0	0	0	—	0 %	0 %	0 %	0 %	0 %
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - FIELD MOBILE HARDWARE REPLACEMENT**				**Yes**																					
Capital	INFORMATION TECHNOLOGY	RAMP - FIELD SERVICE DELIVERY (FSD) - DATA & ANALYTICS PLATFORM	Foundational Technology Systems	Electric Operation i Systems (EOGE) Resiliency; Gas Operations Systems Resiliency	N/A	No	Applications	1				1	1				1	0	0	0	0	—	0 %	0 %	0 %	0 %	0 %
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - FIELD SERVICE DELIVERY (FSD) - DATA & ANALYTICS PLATFORM**				**Yes**																					

SDG&E INFORMATION TECHNOLOGY Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
Capital	INFORMATION TECHNOLOGY	RAMP - FIELD SERVICE DELIVERY (FSD) - SCHEDULING & DISPATCH PHASE	Foundational Technology Systems	Electric Operation s Systems (SDGE) Resiliency ; Gas Operation s Systems Resiliency	N/A	No	Applications	2				2	2				2	0	0	0	0	—	0 %	0 %	0 %	0 %	0 %
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - FIELD SERVICE DELIVERY (FSD) - SCHEDULING & DISPATCH PHASE**				**Yes**																					
Capital	INFORMATION TECHNOLOGY	RAMP - GIS MODERNIZATION	Foundational Technology Systems	Electric Operation s Systems (SDGE) Resiliency	N/A	No	Applications	4				4	4				4	0	0	0	0	—	0 %	0 %	0 %	0 %	0 %
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - GIS MODERNIZATION**				**Yes**																					
Capital	INFORMATION TECHNOLOGY	RAMP - INFRASTRUCTURE AS A SERVICE (IAAS) IMPLEMENTATION	Foundational Technology Systems	Cloud Resiliency Services	N/A	No	Contracts	—				—	1				1	(1)	0	0	0	(1)	(100)%	0 %	0 %	0 %	(100)%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - INFRASTRUCTURE AS A SERVICE (IAAS) IMPLEMENTATION**				**Yes**																					
Capital	INFORMATION TECHNOLOGY	RAMP - JUNIPER 2022 EQUIPMENT REPLACEMENT AGREEMENT	Foundational Technology Systems	Network & Voice System Resiliency	N/A	No	Contracts	1				1	1				1	0	0	0	0	—	0 %	0 %	0 %	0 %	0 %
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - JUNIPER 2022 EQUIPMENT REPLACEMENT AGREEMENT**				**Yes**																					
Capital	INFORMATION TECHNOLOGY	RAMP - LOCAL AREA NETWORK (LAN) REFRESH 2022	Foundational Technology Systems	Network & Voice System Resiliency	N/A	No	Sites	10				10	10				10	0	0	0	0	—	0 %	0 %	0 %	0 %	0 %
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - LOCAL AREA NETWORK (LAN) REFRESH 2022**				**Yes**																					
Capital	INFORMATION TECHNOLOGY	RAMP - TELECOM SITE IMPROVEMENTS	Foundational Technology Systems	Network & Voice System Resiliency	N/A	No	Sites	14				14	14				14	0	0	0	0	—	0 %	0 %	0 %	0 %	0 %
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - TELECOM SITE IMPROVEMENTS**				**Yes**																					
Capital	INFORMATION TECHNOLOGY	RAMP - TRANSMISSION COMMUNICATIONS RELIABILITY IMPROVEMENT (TCRI) 2024	Foundational Technology Systems	Network & Voice System Resiliency	N/A	No	Sites	5				5	5				5	0	0	0	0	—	0 %	0 %	0 %	0 %	0 %
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - TRANSMISSION COMMUNICATIONS RELIABILITY IMPROVEMENT (TCRI) 2024**				**Yes**																					
Capital	INFORMATION TECHNOLOGY	RAMP - VEGETATION MANAGEMENT - WORK MANAGEMENT	Foundational Technology Systems	Electric Operation s Systems (SDGE) Resiliency	N/A	No	Applications	—				—	2				2	(2)	0	0	0	(2)	(100)%	0 %	0 %	0 %	(100)%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - VEGETATION MANAGEMENT - WORK MANAGEMENT**				**Yes**																					
Capital	INFORMATION TECHNOLOGY	RAMP - VEHICLE TELEMATICS - PHASE 2	Foundational Technology Systems	Electric Operation s Systems (SDGE) Resiliency	N/A	No	Applications	—				—	1				1	(1)	0	0	0	(1)	(100)%	0 %	0 %	0 %	(100)%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - VEHICLE TELEMATICS - PHASE 2**				**Yes**																					
Capital	INFORMATION TECHNOLOGY	RAMP - VIRTUAL DISKTOP EXPANSION (VDI) - PHASE 2	Foundational Technology Systems	End User Access and Supporting Services	N/A	No	Virtual desktop instances	—				—	2500				2,500	(2,500)	0	0	0	(2,500)	(100)%	0 %	0 %	0 %	(100)%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - VIRTUAL DESKTOP EXPANSION (VDI) - PHASE 2**				**Yes**																					
Capital	INFORMATION TECHNOLOGY	RAMP - WIDE AREA NETWORK (WAN) REFRESH	Foundational Technology Systems	Network & Voice System Resiliency	N/A	No	Sites	100				100	100				100	0	0	0	0	—	0 %	0 %	0 %	0 %	0 %
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - WIDE AREA NETWORK (WAN) REFRESH**				**Yes**																					
Capital	INFORMATION TECHNOLOGY	RAMP- ASSET 360 - ASSET DATA FOUNDATION	Asset Management	Asset Management	N/A	No	Models for Dashboard	14				14	30				30	(16)	0	0	0	(16)	(53)%	0 %	0 %	0 %	(53)%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP- ASSET 360 - ASSET DATA FOUNDATION**				**Yes**																					
Capital	INFORMATION TECHNOLOGY	SMART GRID OPERATIONS 2024	Non-RAMP	Non-RAMP	Non-RAMP	No	Applications	4				4	4				4	0	0	0	0	—	0 %	0 %	0 %	0 %	0 %
Capital	**INFORMATION TECHNOLOGY**	**SubTotal SMART GRID OPERATIONS 2024**				**Yes**																					
Capital	INFORMATION TECHNOLOGY	SMART METER (PRODUCT) 2022-2024	Non-RAMP	Non-RAMP	Non-RAMP	No																					
Capital	**INFORMATION TECHNOLOGY**	**SubTotal SMART METER (PRODUCT) 2022-2024**				**Yes**																					
Capital	INFORMATION TECHNOLOGY	SMART METER 2.0	Non-RAMP	Non-RAMP	Non-RAMP	No																					
Capital	**INFORMATION TECHNOLOGY**	**SubTotal SMART METER 2.0**				**Yes**																					
Capital	INFORMATION TECHNOLOGY	TEST ACCELERATION ENABLEMENT (TAE) WITH DEVSECOPS	Non-RAMP	Non-RAMP	Non-RAMP	No																					
Capital	**INFORMATION TECHNOLOGY**	**SubTotal TEST ACCELERATION ENABLEMENT (TAE) WITH DEVSECOPS**				**Yes**																					
Capital	INFORMATION TECHNOLOGY	IT ELECTRIC OPERATIONS SYSTEMS	Foundational Technology Systems	Electric Operations Systems (SDGE) Resiliency	N/A	No	This workpaper for Application - RAMP portfolio contains various projects within the following categories: (1) Field Hardware Mobile Data Terminals (MDT) Replacement; (2) Situational Awareness Dashboards. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																				
Capital	**INFORMATION TECHNOLOGY**	**SubTotal IT ELECTRIC OPERATIONS SYSTEMS**				**Yes**																					
Capital	INFORMATION TECHNOLOGY	IT NON-RAMP CUSTOMER SERVICE	Non-RAMP	Non-RAMP	Non-RAMP	No																					
Capital	**INFORMATION TECHNOLOGY**	**SubTotal IT NON-RAMP CUSTOMER SERVICE**				**Yes**																					
Capital	INFORMATION TECHNOLOGY	NETWORK SYSTEMS	Foundational Technology Systems	Network & Voice Systan Resiliency	N/A	No	This workpaper for the Network - RAMP portfolio contains various projects within the following categories: (1) Software Defined Wide Area Network (SD-WAN) Implementation; (2) Data Center Network (DCN) Core Refresh; (3) Network Time Protocol (NTP) Clock Refreshand (4) - Field Area Network (FAN) Voice & Dispatch - Phase 2. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																				
Capital	**INFORMATION TECHNOLOGY**	**SubTotal NETWORK SYSTEMS**				**Yes**																					
Capital	INFORMATION TECHNOLOGY	NON-RAMP APPLICATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No																					
Capital	**INFORMATION TECHNOLOGY**	**SubTotal NON-RAMP APPLICATIONS**				**Yes**																					
Capital	INFORMATION TECHNOLOGY	RAMP - DIGI REMOTE MANAGER 2023	Foundational Technology Systems	Monitoring Systemsand Services	N/A	No	Projected was completed prior to 2024. 2024 activity is related to trailing charges.																				
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - DIGI REMOTE MANAGER 2023**				**Yes**																					
Capital	INFORMATION TECHNOLOGY	RAMP - DIGITAL WORKSPACE	Foundational Technology Systems	End User Access and Supporting Services	N/A	No	Project was completed prior to 2024. 2024 activity is related to trailing charges.																				
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - DIGITAL WORKSPACE**				**Yes**																					
Capital	INFORMATION TECHNOLOGY	ENTERPRISE PRODUCTIVITY & COLLAB SDGE	Non-RAMP	Non-RAMP	Non-RAMP	No																					
Capital	**INFORMATION TECHNOLOGY**	**SubTotal ENTERPRISE PRODUCTIVITY & COLLAB SDGE**				**Yes**																					
Capital	INFORMATION TECHNOLOGY	IOS EPOCH MOBILITY APPS 2024	Non-RAMP	Non-RAMP	Non-RAMP	No	Applications	2				2	0				—	2	0	0	0	2	100 %	0 %	0 %	0 %	100 %

SDG&E INFORMATION TECHNOLOGY Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
Capital	**INFORMATION TECHNOLOGY**	**SubTotal IOS EPOCH MOBILITY APPS 2024**				**Yes**																					
Capital	INFORMATION TECHNOLOGY	NETBRAIN ENHANCEMENTS (P)	Non-RAMP	Non-RAMP	Non-RAMP	No	Devices	5,000				5,000	0				—	5,000	0	0	0	5,000	100 %	0 %	0 %	0 %	100 %
Capital	**INFORMATION TECHNOLOGY**	**SubTotal NETBRAIN ENHANCEMENTS (P)**				**Yes**																					
Capital	INFORMATION TECHNOLOGY	POWERWORKZ AGILE PROGRAM	Non-RAMP	Non-RAMP	Non-RAMP	No	Applications	2				2	0				—	2	0	0	0	2	100 %	0 %	0 %	0 %	100 %
Capital	**INFORMATION TECHNOLOGY**	**SubTotal POWERWORKZ AGILE PROGRAM**				**Yes**																					
Capital	INFORMATION TECHNOLOGY	PROJECT ECHELON SDGE	Non-RAMP	Non-RAMP	Non-RAMP	No																					
Capital	**INFORMATION TECHNOLOGY**	**SubTotal PROJECT ECHELON SDGE**				**Yes**																					
Capital	INFORMATION TECHNOLOGY	RCM UPGRADES	Non-RAMP	Non-RAMP	Non-RAMP	No	Server/Host Upgrades	2				2	0				—	2	0	0	0	2	100 %	0 %	0 %	0 %	100 %
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RCM UPGRADES**				**Yes**																					
Capital	INFORMATION TECHNOLOGY	SMART METER NETWORK DEVICES	Non-RAMP	Non-RAMP	Non-RAMP	No																					
Capital	**INFORMATION TECHNOLOGY**	**SubTotal SMART METER NETWORK DEVICES**				**Yes**																					
Capital	INFORMATION TECHNOLOGY	SORT UPGRADE- ENTERPRISE	Non-RAMP	Non-RAMP	Non-RAMP	No																					
Capital	**INFORMATION TECHNOLOGY**	**SubTotal SORT UPGRADE- ENTERPRISE**				**Yes**																					
Capital	INFORMATION TECHNOLOGY	TEMS 2024 (P)	Non-RAMP	Non-RAMP	Non-RAMP	No	Applications	1				1	0				—	1	0	0	0	1	100 %	0 %	0 %	0 %	100 %
Capital	**INFORMATION TECHNOLOGY**	**SubTotal TEMS 2024 (P)**				**Yes**																					
Capital	INFORMATION TECHNOLOGY	TM1 ENHANCEMENTS - O&M PROCESS MODERNIZATION	Non-RAMP	Non-RAMP	Non-RAMP	No																					
Capital	**INFORMATION TECHNOLOGY**	**SubTotal TM1 ENHANCEMENTS- O&M PROCESS MODERNIZATION**				**Yes**																					
Capital	INFORMATION TECHNOLOGY	M/Y ENERGY CENTER	Non-RAMP	Non-RAMP	Non-RAMP	No																					
Capital	**INFORMATION TECHNOLOGY**	**SubTotal M/Y ENERGY CENTER**				**Yes**																					
Capital	INFORMATION TECHNOLOGY	RAMP - EMERGENCY COMMUNICATIONS ENHANCEMENTS	Foundational Technology System	Emergency Operations Center (EOC) Technology Resiliency	N/A	No	Project was completed prior to 2024. 2024 activity is related to trailing charges.																				
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - EMERGENCY COMMUNICATIONS ENHANCEMENTS**				**Yes**																					

SDG&E INFORMATION TECHNOLOGY Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Transfire	Roll-up	Safety, Reliability , or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status	Status Variance Explanation Required?
Capital	INFORMATION TECHNOLOGY	APP MODERNIZATION & VULNERABILITY REDUCTION - PHASE 2	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Completed	YES
Capital	**INFORMATION TECHNOLOGY**	**SubT otal APP MODERNIZATION & VULNERABILITY REDUCTION - PHASE 2**				**Yes**	**YES**	**NO**								**YES**
Capital	INFORMATION TECHNOLOGY	BUSINESS ADAPTATION TECHNOLOGIES & DIGITALIZATION	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
Capital	**INFORMATION TECHNOLOGY**	**SubT otal BUSINESS ADAPTATION TECHNOLOGIES & DIGITALIZATION**				**Yes**	**NO**									
Capital	INFORMATION TECHNOLOGY	CA\$O MANDATES 2023	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	**INFORMATION TECHNOLOGY**	**SubT otal CA\$O MANDATES 2023**				**Yes**	**YES**	**NO**								**NO**
Capital	INFORMATION TECHNOLOGY	CA\$O MANDATES 2024	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	**INFORMATION TECHNOLOGY**	**SubT otal CA\$O MANDATES 2024**				**Yes**	**YES**	**NO**								**NO**
Capital	INFORMATION TECHNOLOGY	CIS REGULATORY & ENHANCEMENTS 2024	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
Capital	**INFORMATION TECHNOLOGY**	**SubT otal CIS REGULATORY & ENHANCEMENTS 2024**				**Yes**	**NO**	**NO**	**NO**							**NO**
Capital	INFORMATION TECHNOLOGY	CLEAN TRANSPORTATION PRODUCT TEAM 2023-2024	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
Capital	**INFORMATION TECHNOLOGY**	**SubT otal CLEAN TRANSPORTATION PRODUCT TEAM 2023-2024**				**Yes**	**NO**	**NO**	**NO**							**NO**
Capital	INFORMATION TECHNOLOGY	CLOUD DATA LAKE	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
Capital	**INFORMATION TECHNOLOGY**	**SubT otal CLOUD DATA LAKE**				**Yes**	**NO**	**NO**	**NO**							**NO**
Capital	INFORMATION TECHNOLOGY	CONSTRUCTION, PLANNING AND DESIGN (CPD) ENHANCEMENTS	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Completed	NO
Capital	**INFORMATION TECHNOLOGY**	**SubT otal CONSTRUCTION, PLANNING AND DESIGN (CPD) ENHANCEMENTS**				**Yes**	**YES**	**NO**								**NO**
Capital	INFORMATION TECHNOLOGY	CONTACT CENTER OF THE FUTURE (CCOTF)	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
Capital	**INFORMATION TECHNOLOGY**	**SubT otal CONTACT CENTER OF THE FUTURE (CCOTF)**				**Yes**	**NO**	**NO**	**NO**							**NO**
Capital	INFORMATION TECHNOLOGY	CROSS FUNCTIONAL WORK MANAGEMENT ENHANCEMENTS	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
Capital	**INFORMATION TECHNOLOGY**	**SubT otal CROSS FUNCTIONAL WORK MANAGEMENT ENHANCEMENTS**				**Yes**	**NO**	**NO**	**NO**							**NO**
Capital	INFORMATION TECHNOLOGY	IT NON-RAMP APPLICATIONS-SRM	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	Over (O)	Over (O)	Over (O)	Proceeding as Planned	NO
Capital	**INFORMATION TECHNOLOGY**	**SubT otal IT NON-RAMP APPLICATIONS-SRM**				**Yes**	**YES**	**NO**								**NO**
Capital	INFORMATION TECHNOLOGY	DATA GOVERNANCE TOOLS & FRAMEWORK	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
Capital	**INFORMATION TECHNOLOGY**	**SubT otal DATA GOVERNANCE TOOLS & FRAMEWORK**				**Yes**	**NO**	**NO**	**NO**							**NO**
Capital	INFORMATION TECHNOLOGY	DIGITAL SERVICE INTEGRATION PLATFORM	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
Capital	**INFORMATION TECHNOLOGY**	**SubT otal DIGITAL SERVICE INTEGRATION PLATFORM**				**Yes**	**NO**	**NO**	**NO**							**NO**
Capital	INFORMATION TECHNOLOGY	DISTRIBUTION INTERCONNECTION INFO. SYSTEM - RULE 21 AND NET ENERGY METERING ENHANCEMENTS - PHASE 2	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	**INFORMATION TECHNOLOGY**	**SubT otal DISTRIBUTION INTERCONNECTION INFO. SYSTEM - RULE 21 AND NET ENERGY METERING ENHANCEMENTS - PHASE 2**				**Yes**	**YES**	**NO**								**NO**
Capital	INFORMATION TECHNOLOGY	ELECTRIC GRID OPS SMALL CAPITAL 2024	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	**INFORMATION TECHNOLOGY**	**SubT otal ELECTRIC GRID OPS SMALL CAPITAL 2024**				**Yes**	**YES**	**NO**								**NO**
Capital	INFORMATION TECHNOLOGY	ENGINEERING & CONSTRUCTION DOCUMENT CENTRALIZATION AND COMPLIANCE	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
Capital	**INFORMATION TECHNOLOGY**	**SubT otal ENGINEERING & CONSTRUCTION DOCUMENT CENTRALIZATION AND COMPLIANCE**				**Yes**	**NO**	**NO**								
Capital	INFORMATION TECHNOLOGY	ENTERPRISE DISTRIBUTED ENERGY RESOURCE MANAGEMENT SYSTEM (DERMS)	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	YES	N/A	The enterprise Distributed Energy Resource Management System (DERMS) project has been delayed due to extensive research of commercially available market solutions to meet functional requirements.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	YES
Capital	**INFORMATION TECHNOLOGY**	**SubT otal ENTERPRISE DISTRIBUTED ENERGY RESOURCE MANAGEMENT SYSTEM (DERMS)**				**Yes**	**YES**	**NO**								**YES**
Capital	INFORMATION TECHNOLOGY	FOUNDATIONAL ANALYTICS FOR SAFETY, COMPLIANCE AND EFFICIENCY	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	YES	YES	Scope reduced in order to reallocate team capacity to higher-priority targeted data platform infrastructure hardening work.	Scope reduced in order to reallocate team capacity to higher-priority targeted data platform infrastructure hardening work.	Under (U)	On Target (T)	Under (U)	Proceeding as Planned	NO
Capital	**INFORMATION TECHNOLOGY**	**SubT otal FOUNDATIONAL ANALYTICS FOR SAFETY, COMPLIANCE AND EFFICIENCY**				**Yes**	**YES**	**YES**								**NO**
Capital	INFORMATION TECHNOLOGY	GRC & REGULATORY MANAGEMENT SYSTEM - PHASE 3	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
Capital	**INFORMATION TECHNOLOGY**	**SubT otal GRC & REGULATORY MANAGEMENT SYSTEM - PHASE 3**				**Yes**	**NO**	**NO**								
Capital	INFORMATION TECHNOLOGY	INVESTMENT PRIORITIZATION	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	YES	NO	The underspend in 2024 is due to a schedule acceleration in 2023, resulting in increased spending during that year. The total project expenditure remains consistent with the forecast during the GRC cycle.	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	**INFORMATION TECHNOLOGY**	**SubT otal INVESTMENT PRIORITIZATION**				**Yes**	**YES**	**YES**								**NO**
Capital	INFORMATION TECHNOLOGY	IT QUALITY AND CONTINUOUS TESTING PLATFORMS	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
Capital	**INFORMATION TECHNOLOGY**	**SubT otal IT QUALITY AND CONTINUOUS TESTING PLATFORMS**				**Yes**	**NO**	**NO**								
Capital	INFORMATION TECHNOLOGY	LOCAL AREA DISTRIBUTION CONTROLLER (LADC) 2023-2024	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	YES	N/A	The variance is associated with project work completed before the GRC Decision was issued in December 2024 and the Decision ultimately did not authorize all forecasted projects.	Over (O)	Over (O)	Over (O)	Proceeding as Planned	NO
Capital	**INFORMATION TECHNOLOGY**	**SubT otal LOCAL AREA DISTRIBUTION CONTROLLER (LADC) 2023-2024**				**Yes**	**YES**	**NO**								**NO**
Capital	INFORMATION TECHNOLOGY	RAMP - ADVANCED DATA AND DECISION MODELING	Foundational Technology Systems	Electric Operation Systems (SDGE) Resiliency	N/A	No	YES	NO	YES	N/A	Scope reduced in order to reallo	Under (U)	On Target (T)	Under (U)	Proceeding as Planned	NO
Capital	**INFORMATION TECHNOLOGY**	**SubT otal RAMP - ADVANCED DATA AND DECISION MODELING**				**Yes**	**YES**	**NO**								**NO**
Capital	INFORMATION TECHNOLOGY	RAMP - CLOUD FOUNDATIONS	Foundational Technology Systems	Cloud Resiliency Services	N/A	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	**INFORMATION TECHNOLOGY**	**SubT otal RAMP - CLOUD FOUNDATIONS**				**Yes**	**YES**	**NO**								**NO**
Capital	INFORMATION TECHNOLOGY	RAMP - DECISION ANALYTICS & SITUATIONAL AWARENESS	Foundational Technology Systems	Electric Operation Systems (SDGE) Resiliency	N/A	No	YES	NO	YES	N/A	Scope reduced in order to reallo	Under (U)	Under (U)	Under (U)	Completed	NO
Capital	**INFORMATION TECHNOLOGY**	**SubT otal RAMP - DECISION ANALYTICS & SITUATIONAL AWARENESS**				**Yes**	**YES**	**NO**								**NO**

SDG&E INFORMATION TECHNOLOGY Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Safety, Reliability, or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status	Status Variance Explanation Required?
Capital	INFORMATION TECHNOLOGY	RAMP - DIGITAL ASSET AND DAMAGES DETECTION PLATFORM	Foundational Technology Systems	Electric Operation i Systems (SDGE) Resiliency	N/A	No	YES	NO	YES	N/A	Scope reduced in order to make	Under (U)	On Target (T)	On Target (T)	Completed	NO
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - DIGITAL ASSET AND DAMAGES DETECTION PLATFORM**				**Yes**	**YES**	**NO**								**NO**
Capital	INFORMATION TECHNOLOGY	RAMP - DIGITAL PROCESS AUTOMATION	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceedings Planned	NO
Capital	INFORMATION TECHNOLOGY	RAMP - DIGITAL PROCESS AUTOMATION	Foundational Technology Systems	Electric Operation i Systems (SDGE) Resiliency	N/A	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceedings Planned	NO
Capital	**INFORMATION TECHNOLOGY**	**SubTotal**				**Yes**	**YES**	**NO**								**NO**
Capital	INFORMATION TECHNOLOGY	RAMP - ELECTRIC DISTRIBUTION ASSET INVESTMENT	Asset Management	Asset Management	N/A	No	YES	NO	YES	N/A	Project was completed prior to 2024	Under (U)	Under (U)	Under (U)	Completed	YES
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - ELECTRIC DISTRIBUTION ASSET INVESTMENT**				**Yes**	**YES**	**NO**								**YES**
Capital	INFORMATION TECHNOLOGY	RAMP - ENERGY TRANSITION DIGITAL TWIN	Foundational Technology Systems	Monitoring Systems and Services	N/A	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Completed	NO
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - ENERGY TRANSITION DIGITAL TWIN**				**Yes**	**YES**	**NO**								**NO**
Capital	INFORMATION TECHNOLOGY	RAMP - FIELD MOBILE HARDWARE REPLACEMENT	Foundational Technology Systems	Electric Operation i Systems (SDGE) Resiliency	N/A	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Completed	NO
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - FIELD MOBILE HARDWARE REPLACEMENT**				**Yes**	**YES**	**NO**								**NO**
Capital	INFORMATION TECHNOLOGY	RAMP - FIELD SERVICE DELIVERY (FSD) - DATA & ANALYTICS PLATFORM	Foundational Technology Systems	Electric Operation i Systems (SDGE) Resiliency; Gas Operations Systems Resiliency	N/A	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceedings Planned	NO
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - FIELD SERVICE DELIVERY (FSD) - DATA & ANALYTICS PLATFORM**				**Yes**	**YES**	**NO**								**NO**

SDG&E INFORMATION TECHNOLOGY Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Safety, Reliability, or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status	Status Variance Explanation Required?
Capital	INFORMATION TECHNOLOGY	RAMP - FIELD SERVICE DELIVERY (FSD) - SCHEDULING & DISPATCH PHASE	Foundational Technology Systems	Electric Operations Systems (SDGE) Resiliency ; Gas Operations Systems Resiliency	N/A	No	YES	YES	NO	Scope refinement based detailed	N/A	Over (O)	On Target (T)	Over (O)	Proceeding as Planned	NO
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - FIELD SERVICE DELIVERY (FSD) - SCHEDULING & DISPATCH PHASE**				**Yes**	**YES**	**YES**								**NO**
Capital	INFORMATION TECHNOLOGY	RAMP - GIS MODERNIZATION	Foundational Technology Systems	Electric Operations Systems (SDGE) Resiliency	N/A	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Completed	NO
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - GIS MODERNIZATION**				**Yes**	**YES**	**NO**								**NO**
Capital	INFORMATION TECHNOLOGY	RAMP - INFRASTRUCTURE AS A SERVICE (IAAS) IMPLEMENTATION	Foundational Technology Systems	Cloud Resiliency Services	N/A	No	YES	NO	YES	N/A	The project has been deferred due to the incomplete status of the prerequisite foundational work.	Under (U)	Under (U)	Under (U)	Deferred	NO
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - INFRASTRUCTURE AS A SERVICE (IAAS) IMPLEMENTATION**				**Yes**	**YES**	**NO**								**YES**
Capital	INFORMATION TECHNOLOGY	RAMP - JUNIPER 2022 EQUIPMENT REPLACEMENT AGREEMENT	Foundational Technology Systems	Network & Voice System Resiliency	N/A	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - JUNIPER 2022 EQUIPMENT REPLACEMENT AGREEMENT**				**Yes**	**YES**	**NO**								**NO**
Capital	INFORMATION TECHNOLOGY	RAMP - LOCAL AREA NETWORK (LAN) REFRESH 2022	Foundational Technology Systems	Network & Voice System Resiliency	N/A	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Completed	NO
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - LOCAL AREA NETWORK (LAN) REFRESH 2022**				**Yes**	**YES**	**NO**								**NO**
Capital	INFORMATION TECHNOLOGY	RAMP - TELECOM SITE IMPROVEMENTS	Foundational Technology Systems	Network & Voice System Resiliency	N/A	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Completed	NO
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - TELECOM SITE IMPROVEMENTS**				**Yes**	**YES**	**NO**								**NO**
Capital	INFORMATION TECHNOLOGY	RAMP - TRANSMISSION COMMUNICATIONS RELIABILITY IMPROVEMENT (TCRI) 2024	Foundational Technology Systems	Network & Voice System Resiliency	N/A	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - TRANSMISSION COMMUNICATIONS RELIABILITY IMPROVEMENT (TCRI) 2024**				**Yes**	**YES**	**NO**								**NO**
Capital	INFORMATION TECHNOLOGY	RAMP - VEGETATION MANAGEMENT - WORK MANAGEMENT	Foundational Technology Systems	Electric Operations Systems (SDGE) Resiliency	N/A	No	YES	NO	YES	N/A	The project was delayed in 2024 in order to reallocate team capacity to higher-priority Field Service Delivery (FSD) - Scheduling & Dispatch Phase.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	YES
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - VEGETATION MANAGEMENT - WORK MANAGEMENT**				**Yes**	**YES**	**NO**								**YES**
Capital	INFORMATION TECHNOLOGY	RAMP - VEHICLE TELEMATICS - PHASE 2	Foundational Technology Systems	Electric Operations Systems (SDGE) Resiliency	N/A	No	YES	NO	YES	N/A	Variance is due to the project being delayed in 2024 to resolve implementation issues around privacy concerns.	Under (U)	Under (U)	Under (U)	Deferred	NO
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - VEHICLE TELEMATICS - PHASE 2**				**Yes**	**YES**	**NO**								**YES**
Capital	INFORMATION TECHNOLOGY	RAMP - VIRTUAL DISKTOP EXPANSION (VDI) - PHASE 2	Foundational Technology Systems	End User Access and Supporting Services	N/A	No	YES	NO	YES	N/A	Project was delayed in order to reallocate team capacity to higher priority compliance-related process automation work (workpaper: Data Governance Tools & Framework)	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - VIRTUAL DESKTOP EXPANSION (VDI) - PHASE 2**				**Yes**	**YES**	**NO**								**NO**
Capital	INFORMATION TECHNOLOGY	RAMP - WIDE AREA NETWORK (WAN) REFRESH	Foundational Technology Systems	Network & Voice System Resiliency	N/A	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Completed	NO
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - WIDE AREA NETWORK (WAN) REFRESH**				**Yes**	**YES**	**NO**								**NO**
Capital	INFORMATION TECHNOLOGY	RAMP- ASSET 360 - ASSET DATA FOUNDATION	Asset Management	Asset Management	N/A	No	YES	NO	YES	N/A	Scope is constantly being refined and re-prioritized. Fewer number of data models were developed than originally forecasted.	Under (U)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP- ASSET 360 - ASSET DATA FOUNDATION**				**Yes**	**YES**	**NO**								**NO**
Capital	INFORMATION TECHNOLOGY	SMART GRID OPERATIONS 2024	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	**INFORMATION TECHNOLOGY**	**SubTotal SMART GRID OPERATIONS 2024**				**Yes**	**YES**	**NO**								**NO**
Capital	INFORMATION TECHNOLOGY	SMART METER (PRODUCT) 2022-2024	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
Capital	**INFORMATION TECHNOLOGY**	**SubTotal SMART METER (PRODUCT) 2022-2024**				**Yes**	**NO**	NO	NO							NO
Capital	INFORMATION TECHNOLOGY	SMART METER 2.0	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
Capital	**INFORMATION TECHNOLOGY**	**SubTotal SMART METER 2.0**				**Yes**	**NO**	NO	NO							NO
Capital	INFORMATION TECHNOLOGY	TEST ACCELERATION ENABLEMENT (TAE) WITH DEVSECOPS	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
Capital	**INFORMATION TECHNOLOGY**	**SubTotal TEST ACCELERATION ENABLEMENT (TAE) WITH DEVSECOPS**				**Yes**	**NO**	NO	NO							NO
Capital	INFORMATION TECHNOLOGY	IT ELECTRIC OPERATIONS SYSTEMS	Foundational Technology Systems	Electric Operations Systems (SDGE) Resiliency	N/A	No	YES	NO	NO	N/A	N/A	Over (O)	Over (O)	Over (O)	Proceeding as Planned	NO
Capital	**INFORMATION TECHNOLOGY**	**SubTotal IT ELECTRIC OPERATIONS SYSTEMS**				**Yes**	**YES**	**NO**								**NO**
Capital	INFORMATION TECHNOLOGY	IT NON-RAMP CUSTOMER SERVICE	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
Capital	**INFORMATION TECHNOLOGY**	**SubTotal IT NON-RAMP CUSTOMER SERVICE**				**Yes**	**NO**	NO	NO							NO
Capital	INFORMATION TECHNOLOGY	NETWORK SYSTEMS	Foundational Technology Systems	Network & Voice Systems Resiliency	N/A	No	YES	NO	NO	N/A	N/A	Over (O)	Over (O)	Over (O)	Proceeding as Planned	NO
Capital	**INFORMATION TECHNOLOGY**	**SubTotal NETWORK SYSTEMS**				**Yes**	**YES**	**NO**								**NO**
Capital	INFORMATION TECHNOLOGY	NON-RAMP APPLICATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
Capital	**INFORMATION TECHNOLOGY**	**SubTotal NON-RAMP APPLICATIONS**				**Yes**	**NO**	NO	NO							NO
Capital	INFORMATION TECHNOLOGY	RAMP - DIGI REMOTE MANAGER 2023	Foundational Technology Systems	Monitoring Systems and Services	N/A	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Completed	NO
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - DIGI REMOTE MANAGER 2023**				**Yes**	**YES**	**NO**								**NO**
Capital	INFORMATION TECHNOLOGY	RAMP - DIGITAL WORKSPACE	Foundational Technology Systems	End User Access and Supporting Services	N/A	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Completed	NO
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - DIGITAL WORKSPACE**				**Yes**	**YES**	**NO**								**NO**
Capital	INFORMATION TECHNOLOGY	ENTERPRISE PRODUCTIVITY & COLLAB SDGE	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
Capital	**INFORMATION TECHNOLOGY**	**SubTotal ENTERPRISE PRODUCTIVITY & COLLAB SDGE**				**Yes**	**NO**	NO	NO							NO
Capital	INFORMATION TECHNOLOGY	IOS EPOCH MOBILITY APPS 2024	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	YES	N/A	Emergent need to upgrade applications that are solely Windows based application so degrading them to be able to run on iOS devices.	Over (O)	Over (O)	Over (O)	Emergent	NO

SDG&E INFORMATION TECHNOLOGY Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Safety, Reliability, or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status	Status Variance Explanation Required?
Capital	**INFORMATION TECHNOLOGY**	**SubTotal IOS EPOCH MOBILITY APPS 2024**				**Yes**	**YES**	**NO**								**NO**
Capital	INFORMATION TECHNOLOGY	NETBRAIN ENHANCEMENTS (P)	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	YES	N/A	To ensure network reliability, and allow for better insights into our network infrastructure, this emergent project was to extend network coverage and add additional telecom devices.	Over (O)	Over (O)	Over (O)	Emergent	NO
Capital	**INFORMATION TECHNOLOGY**	**SubTotal NETBRAIN ENHANCEMENTS (P)**				**Yes**	**YES**	**NO**								**NO**
Capital	INFORMATION TECHNOLOGY	POWERWORKZ AGILE PROGRAM	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	YES	N/A	Emergent need to upgrade the PowerWorkz suite of applications in support of Vegetation Management. This included scope for application upgrades, support scripts and reporting supporting vegetation management operations and reporting requirements.	Over (O)	Over (O)	Over (O)	Emergent	NO
Capital	**INFORMATION TECHNOLOGY**	**SubTotal POWERWORKZ AGILE PROGRAM**				**Yes**	**YES**	**NO**								**NO**
Capital	INFORMATION TECHNOLOGY	PROJECT ECHELON SDGE	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
Capital	**INFORMATION TECHNOLOGY**	**SubTotal PROJECT ECHELON SDGE**				**Yes**	**NO**	NO	NO							NO
Capital	INFORMATION TECHNOLOGY	RCM UPGRADES	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	YES	N/A	Project scope was to perform software enhancements and provide platform security features with newer code versions to ensure compliance with vend or hardware compatibility, component integration, security compliance monitoring, interpretability validation reducing the risk of outages induced by natural or incompatible firmware of code releases or defects, through functionality and regression testing. This is done at each data center, and upgrades all firmware and software for VC Infrastructure.	Over (O)	Over (O)	Over (O)	Emergent	NO
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RCM UPGRADES**				**Yes**	**YES**	**NO**								**NO**
Capital	INFORMATION TECHNOLOGY	SMART METER NETWORK DEVICES	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
Capital	**INFORMATION TECHNOLOGY**	**SubTotal SMART METER NETWORK DEVICES**				**Yes**	**NO**	NO	NO							NO
Capital	INFORMATION TECHNOLOGY	SORT UPGRADE- ENTERPRISE	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
Capital	**INFORMATION TECHNOLOGY**	**SubTotal SORT UPGRADE- ENTERPRISE**				**Yes**	**NO**	NO	NO							NO
Capital	INFORMATION TECHNOLOGY	TEMS 2024 (P)	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	YES	N/A	Emergent need to implement the Calero Telecom Expense Management System (TEMS) solution to replace the out-of-support Tangoe TEMS solution.	Over (O)	Over (O)	Over (O)	Emergent	NO
Capital	**INFORMATION TECHNOLOGY**	**SubTotal TEMS 2024 (P)**				**Yes**	**YES**	**NO**								**NO**
Capital	INFORMATION TECHNOLOGY	TM1 ENHANCEMENTS - O&M PROCESS MODERNIZATION	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
Capital	**INFORMATION TECHNOLOGY**	**SubTotal TM1 ENHANCEMENTS- O&M PROCESS MODERNIZATION**				**Yes**	**NO**	NO	NO							NO
Capital	INFORMATION TECHNOLOGY	M Y ENERGY CENTER	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
Capital	**INFORMATION TECHNOLOGY**	**SubTotal M Y ENERGY CENTER**				**Yes**	**NO**	NO	NO							NO
Capital	INFORMATION TECHNOLOGY	RAMP - EMERGENCY COMMUNICATIONS ENHANCEMENTS	Foundational Technology System	Emergency Operations Center (EOC) Technology Resiliency	N/A	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Completed	NO
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - EMERGENCY COMMUNICATIONS ENHANCEMENTS**				**Yes**	**YES**	**NO**								**NO**

SDG&E INFORMATION TECHNOLOGY Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Transfer	Roll-up	Status Variance Explanation	WP Activity Description	2024 GRC Testimony Location
Capital	INFORMATION TECHNOLOGY	APP MODERNIZATION & VULNERABILITY REDUCTION - PHASE 2	Non-RAMP	Non-RAMP	Non-RAMP	No	Project completed in 2023.		
Capital	**INFORMATION TECHNOLOGY**	**SubTotal APP MODERNIZATION & VULNERABILITY REDUCTION - PHASE 2**				**Yes**			
Capital	INFORMATION TECHNOLOGY	BUSINESS ADAPTATION TECHNOLOGIES & DIGITALIZATION	Non-RAMP	Non-RAMP	Non-RAMP	No			
Capital	**INFORMATION TECHNOLOGY**	**SubTotal BUSINESS ADAPTATION TECHNOLOGIES & DIGITALIZATION**				**Yes**			
Capital	INFORMATION TECHNOLOGY	CA BO MANDATES 2023	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
Capital	**INFORMATION TECHNOLOGY**	**SubTotal CA BO MANDATES 2023**				**Yes**			
Capital	INFORMATION TECHNOLOGY	CA BO MANDATES 2024	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
Capital	**INFORMATION TECHNOLOGY**	**SubTotal CA BO MANDATES 2024**				**Yes**			
Capital	INFORMATION TECHNOLOGY	CIS REGULATORY & ENHANCEMENTS 2024	Non-RAMP	Non-RAMP	Non-RAMP	No			
Capital	**INFORMATION TECHNOLOGY**	**SubTotal CIS REGULATORY & ENHANCEMENTS 2024**				**Yes**			
Capital	INFORMATION TECHNOLOGY	CLEAN TRANSPORTATION PRODUCT TEAM 2023-2024	Non-RAMP	Non-RAMP	Non-RAMP	No			
Capital	**INFORMATION TECHNOLOGY**	**SubTotal CLEAN TRANSPORTATION PRODUCT TEAM 2023-2024**				**Yes**			
Capital	INFORMATION TECHNOLOGY	CLOUD DATA LAKE	Non-RAMP	Non-RAMP	Non-RAMP	No			
Capital	**INFORMATION TECHNOLOGY**	**SubTotal CLOUD DATA LAKE**				**Yes**			
Capital	INFORMATION TECHNOLOGY	CONSTRUCTION, PLANNING AND DESIGN (CPD) ENHANCEMENTS	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
Capital	**INFORMATION TECHNOLOGY**	**SubTotal CONSTRUCTION, PLANNING AND DESIGN (CPD) ENHANCEMENTS**				**Yes**			
Capital	INFORMATION TECHNOLOGY	CONTACT CENTER OF THE FUTURE (CCOTF)	Non-RAMP	Non-RAMP	Non-RAMP	No			
Capital	**INFORMATION TECHNOLOGY**	**SubTotal CONTACT CENTER OF THE FUTURE (CCOTF)**				**Yes**			
Capital	INFORMATION TECHNOLOGY	CROSS FUNCTIONAL WORK MANAGEMENT ENHANCEMENTS	Non-RAMP	Non-RAMP	Non-RAMP	No			
Capital	**INFORMATION TECHNOLOGY**	**SubTotal CROSS-FUNCTIONAL WORK MANAGEMENT ENHANCEMENTS**				**Yes**			
Capital	INFORMATION TECHNOLOGY	IT NON-RAMP APPLICATIONS-SRM	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
Capital	**INFORMATION TECHNOLOGY**	**SubTotal IT NON-RAMP APPLICATIONS-SRM**				**Yes**			
Capital	INFORMATION TECHNOLOGY	DATA GOVERNANCE TOOLS & FRAMEWORK	Non-RAMP	Non-RAMP	Non-RAMP	No			
Capital	**INFORMATION TECHNOLOGY**	**SubTotal DATA GOVERNANCE TOOLS & FRAMEWORK**				**Yes**			
Capital	INFORMATION TECHNOLOGY	DIGITAL SERVICE INTEGRATION PLATFORM	Non-RAMP	Non-RAMP	Non-RAMP	No			
Capital	**INFORMATION TECHNOLOGY**	**SubTotal DIGITAL SERVICE INTEGRATION PLATFORM**				**Yes**			
Capital	INFORMATION TECHNOLOGY	DISTRIBUTION INTERCONNECTION INFO. SYSTEM - RULE 21 AND NET ENERGY METERING ENHANCEMENTS - PHASE 2	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
Capital	**INFORMATION TECHNOLOGY**	**SubTotal DISTRIBUTION INTERCONNECTION INFO. SYSTEM - RULE 21 AND NET ENERGY METERING ENHANCEMENTS - PHASE 2**				**Yes**			
Capital	INFORMATION TECHNOLOGY	ELECTRIC GRID OPS SMALL CAPITAL 2024	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
Capital	**INFORMATION TECHNOLOGY**	**SubTotal ELECTRIC GRID OPS SMALL CAPITAL 2024**				**Yes**			
Capital	INFORMATION TECHNOLOGY	ENGINEERING & CONSTRUCTION DOCUMENT CENTRALIZATION AND COMPLIANCE	Non-RAMP	Non-RAMP	Non-RAMP	No			
Capital	**INFORMATION TECHNOLOGY**	**SubTotal ENGINEERING & CONSTRUCTION DOCUMENT CENTRALIZATION AND COMPLIANCE**				**Yes**			
Capital	INFORMATION TECHNOLOGY	ENTERPRISE DISTRIBUTED ENERGY RESOURCE MANAGEMENT SYSTEM (DERMS)	Non-RAMP	Non-RAMP	Non-RAMP	No	The enterprise Distributed Energy Resource Management System (DERMS) project has been delayed due to extensive research of commercially available market solutions to meet functional requirements.	This project implements an Enterprise Distributed Energy Resource Management System (DERMS). This project will include software and hardware needed to monitor and control SDG&E Distributed Energy Resources (DER). This will set the foundation for SDG&E's future efforts to accomplish various strategic goals.	SDG&E-1 2-R TS-31 to TS-31 CWP 00920BA
Capital	**INFORMATION TECHNOLOGY**	**SubTotal ENTERPRISE DISTRIBUTED ENERGY RESOURCE MANAGEMENT SYSTEM (DERMS)**				**Yes**			
Capital	INFORMATION TECHNOLOGY	FOUNDATIONAL ANALYTICS FOR SAFETY, COMPLIANCE AND EFFICIENCY	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A	This project provides business insights that drive business operational decisions. The project also designs and develops new and enhanced data views, data integrations, data cataloging, data visualizations and reports to allow the business to drive operational decisions.	SDG&E-2 5 WIE-5 2 CWP 00920BD
Capital	**INFORMATION TECHNOLOGY**	**SubTotal FOUNDATIONAL ANALYTICS FOR SAFETY, COMPLIANCE AND EFFICIENCY**				**Yes**			
Capital	INFORMATION TECHNOLOGY	GRC & REGULATORY MANAGEMENT SYSTEM - PHASE 3	Non-RAMP	Non-RAMP	Non-RAMP	No			
Capital	**INFORMATION TECHNOLOGY**	**SubTotal GRC & REGULATORY MANAGEMENT SYSTEM - PHASE 3**				**Yes**			
Capital	INFORMATION TECHNOLOGY	INVESTMENT PRIORITIZATION	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A	The current asset investment planning tool has reached end of support and is limited in capabilities required for the new regulatory requirements. Regulatory agencies are requesting more transparency and accountability in capital spending. Using a data-driven and consistent value-based decision model approach, and in alignment with the Company's strategic plan, the Software as a Service (SaaS) solution - Asset Investment Planning and Management (AIPM) utilizes a consistent enterprise-level value framework to prioritize the capital investments. This project expands the implementation of the SaaS solution to other departments such as Gas Distribution, Information Technology, Fleet and Facilities, while continuing the business adoption with Electric Transmission, Substation, System Protection and Distribution group.	SDG&E-3 1-R-E KID-9 6 to KID-88 CWP 00920E
Capital	**INFORMATION TECHNOLOGY**	**SubTotal INVESTMENT PRIORITIZATION**				**Yes**			
Capital	INFORMATION TECHNOLOGY	IT QUALITY AND CONTINUOUS TESTING PLATFORMS	Non-RAMP	Non-RAMP	Non-RAMP	No			
Capital	**INFORMATION TECHNOLOGY**	**SubTotal IT QUALITY AND CONTINUOUS TESTING PLATFORMS**				**Yes**			
Capital	INFORMATION TECHNOLOGY	LOCAL AREA DISTRIBUTION CONTROLLER (LADC) 2023-2024	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A	LADC is a software and hardware solution that enables the distribution grid operator to monitor, manage and control the component resources of a microgrid. The LADC is a key component of the successful deployments of microgrids operated by SDG&E. This distributed microgrid controller is necessary to augment and integrate with SDG&E's existing Advanced Distribution Management System (ADMS) and Supervisory Control and Data Acquisition (SCADA) system. The LADC will coordinate the control of Distributed Energy Resources (DERs) and conventional grid management devices (e.g., capacitors, switches) to ensure reliable operation during both island and grid-connected scenarios.	SDG&E-1 5-R-E PV-35 CWP 00920L
Capital	**INFORMATION TECHNOLOGY**	**SubTotal LOCAL AREA DISTRIBUTION CONTROLLER (LADC) 2023-2024**				**Yes**			
Capital	INFORMATION TECHNOLOGY	RAMP - ADVANCED DATA AND DECISION MODELING	Foundational Technology Systems	Electric Operation's Systems (SDGE) Resiliency	N/A	No	N/A	This project started in 2021. This project focuses on advanced machine learning and statistical or	SDG&E-2 5 WIE-5 2 to WIE-53 CWP 00920BE
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - ADVANCED DATA AND DECISION MODELING**				**Yes**			
Capital	INFORMATION TECHNOLOGY	RAMP - CLOUD FOUNDATIONS	Foundational Technology Systems	Cloud Resiliency Services	N/A	No	N/A		
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - CLOUD FOUNDATIONS**				**Yes**			
Capital	INFORMATION TECHNOLOGY	RAMP - DECISION ANALYTICS & SITUATIONAL AWARENESS	Foundational Technology Systems	Electric Operation's Systems (SDGE) Resiliency	N/A	No	N/A	This project provides reporting and data analytics services that will drive business operational decisions. The project designs and develops new and enhanced data views, data integrations, data cataloging, data visualizations and reports to allow the business to make operational decisions.	SDG&E-2 5 WIE-5 3 to WIE-54 CWP 00920BF
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - DECISION ANALYTICS & SITUATIONAL AWARENESS**				**Yes**			

SDG&E INFORMATION TECHNOLOGY Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Status Variance Explanation	WP Activity Description	2024 GRC Testimony Location
Capital	INFORMATION TECHNOLOGY	RAMP - DIGITAL ASSET AND DAMAGES DETECTION PLATFORM	Foundational Technology Systems	Electric Operation i Systems (EOGE) Resiliency	N/A	No	N/A	This project addresses five increasing backlog of opportunities to utilize Intelligent Image Processing (IIP) and machine learning to automatically identify gas and electric assets, third party equipment and asset damages.	SDG&E-2.5 WIE-57 CWP 00920P
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - DIGITAL ASSET AND DAMAGES DETECTION PLATFORM**				**Yes**			
Capital	INFORMATION TECHNOLOGY	RAMP - DIGITAL PROCESS AUTOMATION	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
Capital	INFORMATION TECHNOLOGY	RAMP - DIGITAL PROCESS AUTOMATION	Foundational Technology Systems	Electric Operation i Systems (EOGE) Resiliency	N/A	No	N/A		
Capital	**INFORMATION TECHNOLOGY**	**SubTotal**				**Yes**			
Capital	INFORMATION TECHNOLOGY	RAMP - ELECTRIC DISTRIBUTION ASSET INVESTMENT	Asset Management	Asset Management	N/A	No	Project completed prior to 2024	This is a continuation of a project that began in 2021. The current Asset Investment Planning tool	SDG&E-3.1-R-E KID-8 6 to KID-88 CWP 00920BL
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - ELECTRIC DISTRIBUTION ASSET INVESTMENT**				**Yes**			
Capital	INFORMATION TECHNOLOGY	RAMP - ENERGY TRANSITION DIGITAL TWIN	Foundational Technology Systems	Monitoring Systems and Services	N/A	No	N/A		
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - ENERGY TRANSITION DIGITAL TWIN**				**Yes**			
Capital	INFORMATION TECHNOLOGY	RAMP - FIELD MOBILE HARDWARE REPLACEMENT	Foundational Technology Systems	Electric Operation i Systems (EOGE) Resiliency	N/A	No	N/A		
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - FIELD MOBILE HARDWARE REPLACEMENT**				**Yes**			
Capital	INFORMATION TECHNOLOGY	RAMP - FIELD SERVICE DELIVERY (FSD) - DATA & ANALYTICS PLATFORM	Foundational Technology Systems	Electric Operation i Systems (EOGE) Resiliency; Gas Operations Systems Resiliency	N/A	No	N/A		
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - FIELD SERVICE DELIVERY (FSD) - DATA & ANALYTICS PLATFORM**				**Yes**			

SDG&E INFORMATION TECHNOLOGY Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Status Variance Explanation	WP Activity Description	2024 GRC Testimony Location
Capital	INFORMATION TECHNOLOGY	RAMP - FIELD SERVICE DELIVERY (FSD) - SCHEDULING & DISPATCH PHASE	Foundational Technology Systems	Electric Operations Systems (SDGE) Resiliency ; Gas Operations Systems Resiliency	N/A	No	N/A	The Company's current scheduling and dispatch functions have three critical issues: the current scheduling system is highly customized, the users have adopted manual process workarounds, and the work management system user not fully integrated. The current version of ClickSoftware is out of support. The current Click mobile solutions (Classic and Touch) are integrated with the current software version and must be upgraded or replaced.This project will leverage this opportunity to transform the scheduling and dispatching functions by implementing leading technology and processes.	SDG&E-17-R IBIT-44 to IBIT-45 CWP 00920A1
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - FIELD SERVICE DELIVERY (FSD) - SCHEDULING & DISPATCH PHASE**				**Yes**			
Capital	INFORMATION TECHNOLOGY	RAMP - GIS MODERNIZATION	Foundational Technology Systems	Electric Operations Systems (SDGE) Resiliency	N/A	No	N/A		
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - GIS MODERNIZATION**				**Yes**			
Capital	INFORMATION TECHNOLOGY	RAMP - INFRASTRUCTURE AS A SERVICE (IAAS) IMPLEMENTATION	Foundational Technology Systems	Cloud Resiliency Services	N/A	No	N/A	This project provides prepaid infrastructure in Amazon Web Services (AWS) for critical application	SDG&E-2.5 WIE-44 to WIE-45 CWP 00918W
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - INFRASTRUCTURE AS A SERVICE (IAAS) IMPLEMENTATION**				**Yes**			
Capital	INFORMATION TECHNOLOGY	RAMP - JUNIPER 2022 EQUIPMENT REPLACEMENT AGREEMENT	Foundational Technology Systems	Network & Voice System Resiliency	N/A	No	N/A		
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - JUNIPER 2022 EQUIPMENT REPLACEMENT AGREEMENT**				**Yes**			
Capital	INFORMATION TECHNOLOGY	RAMP - LOCAL AREA NETWORK (LAN) REFRESH 2022	Foundational Technology Systems	Network & Voice System Resiliency	N/A	No	N/A		
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - LOCAL AREA NETWORK (LAN) REFRESH 2022**				**Yes**			
Capital	INFORMATION TECHNOLOGY	RAMP - TELECOM SITE IMPROVEMENTS	Foundational Technology Systems	Network & Voice System Resiliency	N/A	No	N/A		
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - TELECOM SITE IMPROVEMENTS**				**Yes**			
Capital	INFORMATION TECHNOLOGY	RAMP - TRANSMISSION COMMUNICATIONS RELIABILITY IMPROVEMENT (TCRI) 2024	Foundational Technology Systems	Network & Voice System Resiliency	N/A	No	N/A		
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - TRANSMISSION COMMUNICATIONS RELIABILITY IMPROVEMENT (TCRI) 2024**				**Yes**			
Capital	INFORMATION TECHNOLOGY	RAMP - VEGETATION MANAGEMENT - WORK MANAGEMENT	Foundational Technology Systems	Electric Operations Systems (SDGE) Resiliency	N/A	No	The project was delayed in 2024 in order to reallocate team capacity to higher-priority ISD - Scheduling & Dispatch Phase.	This project will replace the Vegetation Management Powerworks/ePOC-H and VEIS system with an SAP Work Management solution. This project would leverage existing SAP ECC and ESRI Geographic Information System (GIS) as well as incorporate the following: 1) SAP Geographical Enablement Framework (GEF) which will allow us to visualize assets, work in a geographical view linked to GIS, and manage (create/edit/view) directly from a geo-view in SAP. 2) SAP Analytics Cloud which will allow us to explore data to achieve better compliance and work efficiency (forecast, optimization, process tracking, connectivity analysis).	SDG&E-13-2R-E JTW-1 68 to JTW-169 CWP 00920B
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - VEGETATION MANAGEMENT - WORK MANAGEMENT**				**Yes**			
Capital	INFORMATION TECHNOLOGY	RAMP - VEHICLE TELEMATICS - PHASE 2	Foundational Technology Systems	Electric Operations Systems (SDGE) Resiliency	N/A	No	N/A	This project will implement additional functionality for SDG&E Fleet Vehicle Telematics to improve usability and increase accuracy by implementing Active Directory Integration, Outage Map Integration, and a Companywide Electronic Driver Vehicle Inspection Reporting (eDVIR) Program.	SDG&E-2.2-R-E AA-35 to AA-39 CWP 00920BI
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - VEHICLE TELEMATICS - PHASE 2**				**Yes**			
Capital	INFORMATION TECHNOLOGY	RAMP - VIRTUAL DISKTOP EXPANSION (VDI) - PHASE 2	Foundational Technology Systems	End User Access and Supporting Services	N/A	No	N/A	This project expands the enterprise Virtual Desktop Infrastructure (VDI) Platform, making Citrix the single VDI Platform for the Company.	SDG&E-2.5 WIE-3 5 CWP 00918C
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - VIRTUAL DESKTOP EXPANSION (VDI) - PHASE 2**				**Yes**			
Capital	INFORMATION TECHNOLOGY	RAMP - WIDE AREA NETWORK (WAN) REFRESH	Foundational Technology Systems	Network & Voice System Resiliency	N/A	No	N/A		
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - WIDE AREA NETWORK (WAN) REFRESH**				**Yes**			
Capital	INFORMATION TECHNOLOGY	RAMP- ASSET 360 - ASSET DATA FOUNDATION	Asset Management	Asset Management	N/A	No	N/A	The third Phase of the Asset 360 Project incorporates disparate electric asset data into a consolidated Data Foundation in SAP Hana. It will also advance and enhance consolidated data views, asset health and risk models for electric assets.	SDG&E-3.1-R-E KJD-84 to KJD-85 CWP 00920BM
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP- ASSET 360 - ASSET DATA FOUNDATION**				**Yes**			
Capital	INFORMATION TECHNOLOGY	SMART GRID OPERATIONS 2024	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
Capital	**INFORMATION TECHNOLOGY**	**SubTotal SMART GRID OPERATIONS 2024**				**Yes**			
Capital	INFORMATION TECHNOLOGY	SMART METER (PRODUCT) 2022-2024	Non-RAMP	Non-RAMP	Non-RAMP	No			
Capital	**INFORMATION TECHNOLOGY**	**SubTotal SMART METER (PRODUCT) 2022-2024**				**Yes**			
Capital	INFORMATION TECHNOLOGY	SMART METER 2.0	Non-RAMP	Non-RAMP	Non-RAMP	No			
Capital	**INFORMATION TECHNOLOGY**	**SubTotal SMART METER 2.0**				**Yes**			
Capital	INFORMATION TECHNOLOGY	TEST ACCELERATION ENABLEMENT (TAE) WITH DEVSECOPS	Non-RAMP	Non-RAMP	Non-RAMP	No			
Capital	**INFORMATION TECHNOLOGY**	**SubTotal TEST ACCELERATION ENABLEMENT (TAE) WITH DEVSECOPS**				**Yes**			
Capital	INFORMATION TECHNOLOGY	IT ELECTRIC OPERATIONS SYSTEMS	Foundational Technology Systems	Electric Operations Systems (SDGE) Resiliency	N/A	No	N/A		
Capital	**INFORMATION TECHNOLOGY**	**SubTotal IT ELECTRIC OPERATIONS SYSTEMS**				**Yes**			
Capital	INFORMATION TECHNOLOGY	IT NON-RAMP CUSTOMER SERVICE	Non-RAMP	Non-RAMP	Non-RAMP	No			
Capital	**INFORMATION TECHNOLOGY**	**SubTotal IT NON-RAMP CUSTOMER SERVICE**				**Yes**			
Capital	INFORMATION TECHNOLOGY	NETWORK SYSTEMS	Foundational Technology Systems	Network & Voice Systems Resiliency	N/A	No	N/A		
Capital	**INFORMATION TECHNOLOGY**	**SubTotal NETWORK SYSTEMS**				**Yes**			
Capital	INFORMATION TECHNOLOGY	NON-RAMP APPLICATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No			
Capital	**INFORMATION TECHNOLOGY**	**SubTotal NON-RAMP APPLICATIONS**				**Yes**			
Capital	INFORMATION TECHNOLOGY	RAMP - DIGI REMOTE MANAGER 2023	Foundational Technology Systems	Monitoring Systems and Services	N/A	No	N/A		
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - DIGI REMOTE MANAGER 2023**				**Yes**			
Capital	INFORMATION TECHNOLOGY	RAMP - DIGITAL WORKSPACE	Foundational Technology Systems	End User Access and Supporting Services	N/A	No	N/A		
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - DIGITAL WORKSPACE**				**Yes**			
Capital	INFORMATION TECHNOLOGY	ENTERPRISE PRODUCTIVITY & COLLAB SDGE	Non-RAMP	Non-RAMP	Non-RAMP	No			
Capital	**INFORMATION TECHNOLOGY**	**SubTotal ENTERPRISE PRODUCTIVITY & COLLAB SDGE**				**Yes**			
Capital	INFORMATION TECHNOLOGY	IOS EPOCH MOBILITY APPS 2024	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A	This program focuses on upgrading applications that are solely Windows based application and upgrading them to be able to run on iOS devices.	N/A

SDG&E INFORMATION TECHNOLOGY Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Status Variance Explanation	WP Activity Description	2024 GRC Testimony Location
Capital	**INFORMATION TECHNOLOGY**	**SubTotal IOS EPOCH MOBILITY APPS 2024**				**Yes**			
Capital	INFORMATION TECHNOLOGY	NETBRAIN ENHANCEMENTS (P)	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A	To ensure network reliability, and allow for better insights into our network infrastructure, this emergent project was to extend network coverage and add additional telecom devices.	N/A
Capital	**INFORMATION TECHNOLOGY**	**SubTotal NETBRAIN ENHANCEMENTS (P)**				**Yes**			
Capital	INFORMATION TECHNOLOGY	POWERWORKZ AGILE PROGRAM	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A	This program supports the PowerWorkz suite of applications in support of Vegetation Management. This included scope for application upgrades, support scripts and reporting supporting vegetation management operations and reporting requirements.	N/A
Capital	**INFORMATION TECHNOLOGY**	**SubTotal POWERWORKZ AGILE PROGRAM**				**Yes**			
Capital	INFORMATION TECHNOLOGY	PROJECT ECHELON SDGE	Non-RAMP	Non-RAMP	Non-RAMP	No			
Capital	**INFORMATION TECHNOLOGY**	**SubTotal PROJECT ECHELON SDGE**				**Yes**			
Capital	INFORMATION TECHNOLOGY	RCM UPGRADES	Non-RAMP	Non-RAMP	Non-RAMP	No		Project scope was to perform software enhancements and provide platform security features with newer code versions to ensure compliance with vendor hardware compatibility, component integration, security compliance monitoring, inoperability validation reducing the risk of outage induced by untested or incompatible firmware of aside releases or defects, through functionality and regression testing. This is done at each data center, and upgrades all firmware and software for VC Infrastructure. Completed 2 units in 2022, 2 units in 2023, and 2 units in 2024.	N/A
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RCM UPGRADES**				**Yes**			
Capital	INFORMATION TECHNOLOGY	SMART METER NETWORK DEVICES	Non-RAMP	Non-RAMP	Non-RAMP	No			
Capital	**INFORMATION TECHNOLOGY**	**SubTotal SMART METER NETWORK DEVICES**				**Yes**			
Capital	INFORMATION TECHNOLOGY	SORT UPGRADE- ENTERPRISE	Non-RAMP	Non-RAMP	Non-RAMP	No			
Capital	**INFORMATION TECHNOLOGY**	**SubTotal SORT UPGRADE- ENTERPRISE**				**Yes**			
Capital	INFORMATION TECHNOLOGY	TEMS 2024 (P)	Non-RAMP	Non-RAMP	Non-RAMP	No		The project is to implement a modern cloud based telecom expense management solution to replace the legacy on-premises system, ensuring seamless integration, ongoing support, and optimization.	N/A
Capital	**INFORMATION TECHNOLOGY**	**SubTotal TEMS 2024 (P)**				**Yes**			
Capital	INFORMATION TECHNOLOGY	TM1 ENHANCEMENTS - O&M PROCESS MODERNIZATION	Non-RAMP	Non-RAMP	Non-RAMP	No			
Capital	**INFORMATION TECHNOLOGY**	**SubTotal TM1 ENHANCEMENTS- O&M PROCESS MODERNIZATION**				**Yes**			
Capital	INFORMATION TECHNOLOGY	M/V ENERGY CENTER	Non-RAMP	Non-RAMP	Non-RAMP	No			
Capital	**INFORMATION TECHNOLOGY**	**SubTotal M/V ENERGY CENTER**				**Yes**			
Capital	INFORMATION TECHNOLOGY	RAMP - EMERGENCY COMMUNICATIONS ENHANCEMENTS	Foundational Technology System	Emergency Operations Center (EOC) Technology Resiliency	N/A	No			
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - EMERGENCY COMMUNICATIONS ENHANCEMENTS**				**Yes**			

SDG&E SAFETY, RISK, & ASSET MANAGEMENT SYSTEMS Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date ($)
Capital	SAFETY, RISK, & ASSET MANAGEMENT SYSTEMS	SAFETY, RISK, & ASSET MANAGEMENT SYSTEMS				Yes			2,309				2,309	2,973	3,062	3,153	3,248	2,973
Capital	SAFETY MANAGEMENT SYSTEMS	CONTRACTOR FIELD SAFETY MANAGEMENT POOL	Incident Involving a Contractor	Enhanced Verification of Class 1	Overall	No	Ongoing	Annual	97	—	—	—	97	144	148	152	157	144
Capital	SAFETY MANAGEMENT SYSTEMS	CONTRACTOR FIELD SAFETY MANAGEMENT POOL	Incident Involving a Contractor	Enterprise-Wide Contractor Incident and	N/A	No	Ongoing	Annual	—	—	—	—	—	71	73	75	77	71
Capital	SAFETY MANAGEMENT SYSTEMS	CONTRACTOR FIELD SAFETY MANAGEMENT POOL	Incident Involving a Contractor	Field Safety Oversight	Overall	No	Ongoing	Annual	2,212	—	—	—	2,212	2,798	2,841	2,926	3,014	2,798
Capital	**SAFETY MANAGEMENT SYSTEMS**	**SubTotal CONTRACTOR FIELD SAFETY MANAGEMENT POOL**				**Yes**			**2,309**	**—**	**—**	**—**	**2,309**	**2,973**	**3,062**	**3,153**	**3,248**	**2,973**

SDG&E SAFETY, RISK, & ASSET MANAGEMENT SYSTEMS Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference ($)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
Capital	SAFETY, RISK, & ASSET MANAGEMENT SYSTEMS	SAFETY, RISK, & ASSET MANAGEMENT SYSTEMS				Yes	(664)	(3,063)	(3,153)	(3,240)	(664)	-22%	-100%	-100%	-100%	-22%
Capital	SAFETY MANAGEMENT SYSTEMS	CONTRACTOR FIELD SAFETY MANAGEMENT POOL	Incident Involving a Contractor	Enhanced Verification of Class 1	Overall	No	(47)	(140)	(152)	(157)	(47)	-3.2%	-100%	-100%	-100%	-32%
Capital	SAFETY MANAGEMENT SYSTEMS	CONTRACTOR FIELD SAFETY MANAGEMENT POOL	Incident Involving a Contractor	Enterprise-Wide Contractor Incident and	N/A	No	(71)	(73)	(75)	(77)	(71)	-100%	-100%	-100%	-100%	-100%
Capital	SAFETY MANAGEMENT SYSTEMS	CONTRACTOR FIELD SAFETY MANAGEMENT POOL	Incident Involving a Contractor	Field Safety Oversight	Overall	No	(546)	(2,881)	(2,926)	(3,014)	(546)	-20%	-100%	-100%	-100%	-20%
Capital	**SAFETY MANAGEMENT SYSTEMS**	**Sub Total CONTRACTOR FIELD SAFETY MANAGEMENT POOL**				**Yes**	**(664)**	**(3,062)**	**(3,153)**	**(3,240)**	**(664)**	**-22%**	**-100%**	**-100%**	**-100%**	**-22%**

SDG&E SAFETY, RISK, & ASSET MANAGEMENT SYSTEMS Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
Capital	SAFETY, RISK, & ASSET MANAGEMENT SYSTEMS	SAFETY, RISK, & ASSET MANAGEMENT SYSTEMS				Yes																					
Capital	SAFETY MANAGEMENT SYSTEMS	CONTRACTOR FIELD SAFETY MANAGEMENT POOL	Incident Involving a Contractor	Enhanced Verification of Class 1	Overall	No	Contractor hours	181,246				181,246	378,991				378,991	(197,745)	0	0	0	(197,745)	(52)%	0 %	0%	0 %	(52)%
Capital	SAFETY MANAGEMENT SYSTEMS	CONTRACTOR FIELD SAFETY MANAGEMENT POOL	Incident Involving a Contractor	Enterprise-Wide Contractor Incident and	N/A	No	Contractor hours	—				—	188,946				188,946	(188,946)	0	0	0	(188,946)	(100)%	0 %	0%	0 %	(100)%
Capital	SAFETY MANAGEMENT SYSTEMS	CONTRACTOR FIELD SAFETY MANAGEMENT POOL	Incident Involving a Contractor	Field Safety Oversight	Overall	No	Contractor hours	7,068,593				7,068,593	6,920,710				6,920,710	147,890	0	0	0	147,890	2 %	0 %	0%	0 %	2 %
Capital	SAFETY MANAGEMENT SYSTEMS	Sub Total CONTRACTOR FIELD SAFETY MANAGEMENT POOL				Yes																					

SDG&E SAFETY, RISK, & ASSET MANAGEMENT SYSTEMS Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Safety, Reliability, or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status	Status Variance Explanation Required?
Capital	SAFETY, RISK, & ASSET MANAGEMENT SYSTEMS	SAFETY, RISK, & ASSET MANAGEMENT SYSTEMS				Yes										
Capital	SAFETY MANAGEMENT SYSTEMS	CONTRACTOR FIELD SAFETY MANAGEMENT POOL	Incident Involving a Contractor	Enhanced Verification of Class 1	Overall	No	YES	NO	YES	N/A	The variance is primarily driven by lower than forecasted staffing levels.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	SAFETY MANAGEMENT SYSTEMS	CONTRACTOR FIELD SAFETY MANAGEMENT POOL	Incident Involving a Contractor	Enterprise-Wide Contractor Incident and	N/A	No	YES	NO	YES	N/A	Implementation of this mitigation is currently deferred while enhancements are being developed and coordinated.	Under (U)	Under (U)	Under (U)	Deferred	NO
Capital	SAFETY MANAGEMENT SYSTEMS	CONTRACTOR FIELD SAFETY MANAGEMENT POOL	Incident Involving a Contractor	Field Safety Oversight	Overall	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	**SAFETY MANAGEMENT SYSTEMS**	**Sub Total CONTRACTOR FIELD SAFETY MANAGEMENT POOL**				**Yes**	**YES**	**NO**								**NO**

SDG&E SAFETY, RISK, & ASSET MANAGEMENT SYSTEMS Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Status Variance Explanation	WP Activity Description	2024 GRC Testimony Location
Capital	SAFETY, RISK, & ASSET MANAGEMENT SYSTEMS	SAFETY, RISK, & ASSET MANAGEMENT SYSTEMS				Yes			
Capital	SAFETY MANAGEMENT SYSTEMS	CONTRACTOR FIELD SAFETY MANAGEMENT POOL	Incident Involving a Contractor	Enhanced Verification of Class 1	Overall	No	N/A	The new OH pool will collect the costs of managing all Class 1 contractors acro ss the company except for those costs associated with major projects. Those costs will be directly charged to the major projects they support.	SDG&E-31-R-E KJD-Ch 1 to KJD-Ch2 CWP 8.09060
Capital	SAFETY MANAGEMENT SYSTEMS	CONTRACTOR FIELD SAFETY MANAGEMENT POOL	Incident Involving a Contractor	Enterprise-Wide Contractor Incident and	N/A	No	N/A	The new OH pool will collect the costs of managing all Class 1 contractors acro ss the company except for those costs associated with major projects. Those costs will be directly charged to the major projects they support.	SDG&E-31-R-E KJD-Ch 1 to KJD-Ch2 CWP 8.09060
Capital	SAFETY MANAGEMENT SYSTEMS	CONTRACTOR FIELD SAFETY MANAGEMENT POOL	Incident Involving a Contractor	Field Safety Oversight	Overall	No	N/A		
Capital	**SAFETY MANAGEMENT SYSTEMS**	**Sub Total CONTRACTOR FIELD SAFETY MANAGEMENT POOL**				**Yes**			

SDG&E WILDFIRE MITIGATION & VEGETATION MANAGEMENT Capital
Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date ($)
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**				**Yes**			**485,404**	**—**	**—**	**—**	**485,404**	**395,991**	**417,103**	**424,480**	**432,424**	**395,991**
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	ADVANCED PROTECTION	Wildfire Involving SDG&E Equipment	Advanced Protection	Tier 3	No	On-going	Annual	14,812	—	—	—	14,812	6,946	7,154	7,368	7,589	6,946
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal ADVANCED PROTECTION**				**Yes**			**14,812**	**—**	**—**	**—**	**14,812**	**6,946**	**7,154**	**7,368**	**7,589**	**6,946**
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	ADVANCED WEATHER STATION INTEGRATION AND FORECAST	Wildfire Involving SDG&E Equipment	Advanced Weather Station Integration	N/A	No	On-going	Annual	116	—	—	—	116	476	490	505	520	476
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal ADVANCED WEATHER STATION INTEGRATION AND FORECAST**				**Yes**			**116**	**—**	**—**	**—**	**116**	**476**	**490**	**505**	**520**	**476**
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	WMP PRIVATE LTE	Wildfire Involving SDG&E Equipment	LTE Communication Network	N/A	No	On-going	Annual	12,746	—	—	—	12,746	82,902	85,389	87,951	90,590	82,902
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal WMP PRIVATE LTE**				**Yes**			**12,746**	**—**	**—**	**—**	**12,746**	**82,902**	**85,389**	**87,951**	**90,590**	**82,902**

SDG&E WILDFIRE MITIGATION & VEGETATION MANAGEMENT Capital
Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date ($)
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	AVIATION FIREFIGHTING PROGRAM	Wildfire Involving SDG&E Equipment	Aviation Firefighting Program	Tier 3	No	8	5	2,241	—	—	—	2,241	9,568	9,856	10,152	10,457	9,568
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal AVIATION FIREFIGHTING PROGRAM**				**Yes**			**2,241**	**—**	**—**	**—**	**2,241**	**9,568**	**9,856**	**10,152**	**10,457**	**9,568**
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	CNF FIRE HARDENING	Wildfire Involving SDG&E Equipment	Cleveland National Forest Fire Hardening T1-T2	Tier 3	No	On-going	Annual	1,036	—	—	—	1,036	1,512	1,557	1,604	1,652	1,512
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal CNF FIRE HARDENING**				**Yes**			**1,036**	**—**	**—**	**—**	**1,036**	**1,512**	**1,557**	**1,604**	**1,652**	**1,512**
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	CORRECTIVE MAINTENANCE PROGRAM TIER 2&3	Wildfire Involving SDG&E Equipment	Transmission System Inspection	N/A	No	On-going	Annual	1,043	—	—	—	1,043	727	749	771	794	727
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal CORRECTIVE MAINTENANCE PROGRAM TIER 2&3**				**Yes**			**1,043**	**—**	**—**	**—**	**1,043**	**727**	**749**	**771**	**794**	**727**
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	DIGITAL FORTRESS	Foundational Technology Systems	Emergency Management Operations	N/A	No	On-going	Annual	3,154	—	—	—	3,154	—	—	—	—	—
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal DIGITAL FORTRESS**				**Yes**			**3,154**	**—**	**—**	**—**	**3,154**	**—**	**—**	**—**	**—**	**—**

SDG&E WILDFIRE MITIGATION & VEGETATION MANAGEMENT Capital
Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date ($)
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	DRONE INVESTIGATION ASSESMENT AND REPAIR	Wildfire Involving SDG&E Equipment	Distribution System Inspection Drone Inspections	Tier 2	No	On-going	Annual	73,079	—	—	—	73,079	8,666	8,926	9,194	9,470	8,666
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal DRONE INVESTIGATION ASSESMENT AND REPAIR**				**Yes**			**73,079**	**—**	**—**	**—**	**73,079**	**8,666**	**8,926**	**9,194**	**9,470**	**8,666**
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	HFTD HOT LINE CLAMPS	Wildfire Involving SDG&E Equipment	Hotline Clamps	Tier 2	No	On-going	Annual	579	—	—	—	579	—	—	—	—	—
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	HFTD HOT LINE CLAMPS	Wildfire Involving SDG&E Equipment	Hotline Clamps	Tier 3	No	On-going	Annual	102	—	—	—	102	—	—	—	—	—
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal HFTD HOT LINE CLAMPS**				**Yes**			**681**	**—**	**—**	**—**	**681**	**—**	**—**	**—**	**—**	**—**

SDG&E WILDFIRE MITIGATION & VEGETATION MANAGEMENT Capital
Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date ($)
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	WMP PSPS MOBILE AND ENS ENHANCEMENTS	Wildfire Involving SDG&E Equipment	Communication Practices	N/A	No	9	5	6,719	—	—	—	6,719	3,699	3,810	3,924	4,042	3,699
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal WMP PSPS MOBILE AND ENS ENHANCEMENTS**				**Yes**			**6,719**	**—**	**—**	**—**	**6,719**	**3,699**	**3,810**	**3,924**	**4,042**	**3,699**
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	EMERGENCY MANAGEMENT OPERATIONS	Foundational Technology Systems	Emergency Management Operations	N/A	No	8	5	—	—	—	—	—	2,949	3,037	3,128	3,222	2,949
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal EMERGENCY MANAGEMENT OPERATIONS**				**Yes**			**—**	**—**	**—**	**—**	**—**	**2,949**	**3,037**	**3,128**	**3,222**	**2,949**
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	FIRE SCIENCE ENHANCEMENT (WRRM-OPS)	Wildfire Involving SDG&E Equipment	WRRM - OPS	N/A	No	On-going	Annual	0	—	—	—	0	3,145	3,239	3,336	3,436	3,145
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal FIRE SCIENCE ENHANCEMENT (WRRM-OPS)**				**Yes**			**0**	**—**	**—**	**—**	**0**	**3,145**	**3,239**	**3,336**	**3,436**	**3,145**
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	HFTD EXPULSION FUSE REPLACEMENT	Wildfire Involving SDG&E Equipment	HFTD Expulsion Fuse Replacements	Tier 2	No	On-going	Annual	99	—	—	—	99	—	—	—	—	—
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	HFTD EXPULSION FUSE REPLACEMENT	Wildfire Involving SDG&E Equipment	HFTD Expulsion Fuse Replacements	Tier 3	No	On-going	Annual	107	—	—	—	107	—	—	—	—	—
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal HFTD EXPULSION FUSE REPLACEMENT**				**Yes**			**206**	**—**	**—**	**—**	**206**	**—**	**—**	**—**	**—**	**—**
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	WMP VEGETATION MANAGEMENT SERVICE POWERW	Wildfire Involving SDG&E Equipment	WMP VEGETATION MANAGEMENT SERVICE POWERW	N/A	No	Emergent	2	622	—	—	—	622	—	—	—	—	—
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal WMP VEGETATION MANAGEMENT SERVICE POWERW**				**Yes**			**622**	**—**	**—**	**—**	**622**	**—**	**—**	**—**	**—**	**—**

SDG&E WILDFIRE MITIGATION & VEGETATION MANAGEMENT Capital
Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date ($)
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	HFTD SCADA CAPACITOR REPLACEMENT	Wildfire Involving SDG&E Equipment	SCADA Capacitors (HFTD Tier 2)	Tier 2	No	On-going	Annual	189	—	—	—	189	1,789	1,843	1,898	1,955	1,789
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal HFTD SCADA CAPACITOR REPLACEMENT**				**Yes**			**189**	**—**	**—**	**—**	**189**	**1,789**	**1,843**	**1,898**	**1,955**	**1,789**
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	HFTD TRANSM. FIBER OPTICS	Wildfire Involving SDG&E Equipment	LTE Communication Network	N/A	No	On-going	Annual	13,676	—	—	—	13,676	9,653	9,943	10,241	10,548	9,653
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal HFTD TRANSM. FIBER OPTICS**				**Yes**			**13,676**	**—**	**—**	**—**	**13,676**	**9,653**	**9,943**	**10,241**	**10,548**	**9,653**
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	HIGH RISK POLE REPLACEMENT PROGRAM HFTD	Wildfire Involving SDG&E Equipment	Strategic Pole Replacement Program (HFTD)	HFTD Tiers 2 & 3	No	On-going	Annual	2,445	—	—	—	2,445	7,958	8,197	8,443	8,696	7,958
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal HIGH RISK POLE REPLACEMENT PROGRAM HFTD**				**Yes**			**2,445**	**—**	**—**	**—**	**2,445**	**7,958**	**8,197**	**8,443**	**8,696**	**7,958**
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	LIGHTNING ARRESTOR REPLACEMENT PROGRAM	Electric Infrastructure Integrity	Avian Protection Program	OH Distribution	No	On-going	Annual	1,066	—	—	—	1,066	1,719	1,771	1,824	1,879	1,719

SDG&E WILDFIRE MITIGATION & VEGETATION MANAGEMENT Capital
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Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date ($)
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	LIGHTNING ARRESTOR REPLACEMENT PROGRAM	Wildfire Involving SDG&E Equipment	Lightning Arrestor Removal/Replacement Program	Tier 2	No	On-going	Annual	1,239	—	—	—	1,239	233	240	247	254	233
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	LIGHTNING ARRESTOR REPLACEMENT PROGRAM	Wildfire Involving SDG&E Equipment	Lightning Arrestor Removal/Replacement Program	Tier 3	No	On-going	Annual	1,454	—	—	—	1,454	2,060	2,122	2,186	2,252	2,060
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal LIGHTNING ARRESTOR REPLACEMENT PROGRAM**				**Yes**			**3,759**	**—**	**—**	**—**	**3,759**	**4,012**	**4,133**	**4,257**	**4,385**	**4,012**
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	OH SYSTEM COVERED CONDUCTOR	Wildfire Involving SDG&E Equipment	OH Dist Fire Hardening Covered Conductor	Tier 2	No	On-going	Annual	43,446	—	—	—	43,446	16,225	16,225	16,225	16,225	16,225
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	OH SYSTEM COVERED CONDUCTOR	Wildfire Involving SDG&E Equipment	OH Dist Fire Hardening Covered Conductor	Tier 3	No	On-going	Annual	31,515	—	—	—	31,515	73,916	73,916	73,916	73,916	73,916

SDG&E WILDFIRE MITIGATION & VEGETATION MANAGEMENT Capital
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Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date ($)
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal OH SYSTEM COVERED CONDUCTOR**				**Yes**			**74,962**	**—**	**—**	**—**	**74,962**	**90,141**	**90,141**	**90,141**	**90,141**	**90,141**
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	OH SYSTEM TRADITIONAL HARDENING	Wildfire Involving SDG&E Equipment	OH Dist Fire Hardening Bare Conductor	Tier 3	No	On-going	Annual	3,254	—	—	—	3,254	6,869	7,075	7,287	7,506	6,869
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	OH SYSTEM TRADITIONAL HARDENING	Wildfire Involving SDG&E Equipment	OH Dist Fire Hardening Bare Conductor	Tier 2	No	On-going	Annual	322	—	—	—	322	—	—	—	—	—
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal OH SYSTEM TRADITIONAL HARDENING**				**Yes**			**3,576**	**—**	**—**	**—**	**3,576**	**6,869**	**7,075**	**7,287**	**7,506**	**6,869**
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	OVERHEAD TRANSMISSION FIRE HARDENING (DISTRIBUTION UNDERBUILD)	Wildfire Involving SDG&E Equipment	OH Trans Fire Hardening Dist Underbuild	Tier 2	No	11	8	12,448	—	—	—	12,448	16,792	17,295	17,814	18,347	16,792
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	OVERHEAD TRANSMISSION FIRE HARDENING (DISTRIBUTION UNDERBUILD)	Wildfire Involving SDG&E Equipment	OH Trans Fire Hardening Dist Underbuild	Tier 3	No	11	8	—	—	—	—	—	1,341	1,382	1,423	1,466	1,341
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal OVERHEAD TRANSMISSION FIRE HARDENING (DISTRIBUTION UNDERBUILD)**				**Yes**			**12,448**	**—**	**—**	**—**	**12,448**	**18,133**	**18,677**	**19,237**	**19,813**	**18,133**

SDG&E WILDFIRE MITIGATION & VEGETATION MANAGEMENT Capital
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Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date ($)
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	POLE REPLACEMENT AND REINFORCEMENT IN HFTD	Wildfire Involving SDG&E Equipment	Distribution System Inspection CMP 10 Year Intrusive T2	Tier 2	No	On-going	Annual	208	—	—	—	208	1,483	1,527	1,573	1,620	1,483
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	POLE REPLACEMENT AND REINFORCEMENT IN HFTD	Wildfire Involving SDG&E Equipment	Distribution System Inspection CMP 5 Year Detailed Inspections T1-T2	Tier 2	No	On-going	Annual	3,747	—	—	—	3,747	4,257	4,385	4,517	4,652	4,257
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	POLE REPLACEMENT AND REINFORCEMENT IN HFTD	Wildfire Involving SDG&E Equipment	Distribution System Inspection CMP 5 Year Detailed Inspections T1-T2	Tier 3	No	On-going	Annual	4,059	—	—	—	4,059	3,285	3,383	3,484	3,589	3,285
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	POLE REPLACEMENT AND REINFORCEMENT IN HFTD	Wildfire Involving SDG&E Equipment	Distribution System Inspection CMP Annual Patrol T1-T2	Tier 2	No	On-going	Annual	1,874	—	—	—	1,874	470	484	499	514	470
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	POLE REPLACEMENT AND REINFORCEMENT IN HFTD	Wildfire Involving SDG&E Equipment	Distribution System Inspection CMP Annual Patrol T1-T2	Tier 3	No	On-going	Annual	520	—	—	—	520	396	408	420	433	396

SDG&E WILDFIRE MITIGATION & VEGETATION MANAGEMENT Capital
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Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date ($)
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	POLE REPLACEMENT AND REINFORCEMENT IN HFTD	Wildfire Involving SDG&E Equipment	Distribution System Inspection HFTD Tier 3 Inspections T1-T2	Tier 3	No	On-going	Annual	—	—	—	—	—	2,472	2,546	2,622	2,701	2,472
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal POLE REPLACEMENT AND REINFORCEMENT IN HFTD**				**Yes**			**10,409**	**—**	**—**	**—**	**10,409**	**12,363**	**12,733**	**13,115**	**13,509**	**12,363**
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	PSPP ALL HAZARDS & K2	Wildfire Involving SDG&E Equipment	PSPP ALL HAZARDS & K2	N/A	No	Emergent	2	9,801	—	—	—	9,801	—	—	—	—	—
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal PSPP ALL HAZARDS & K2**				**Yes**			**9,801**	**—**	**—**	**—**	**9,801**	**—**	**—**	**—**	**—**	**—**
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	PUBLIC SAFETY POWER SHUTOFF (PSPS) ENGINEERING ENHANCEMENTS	Wildfire Involving SDG&E Equipment	PSPS Sectionalizing	Tier 2	No	On-going	Annual	1,087	—	—	—	1,087	1,965	2,024	2,085	2,148	1,965
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	PUBLIC SAFETY POWER SHUTOFF (PSPS) ENGINEERING ENHANCEMENTS	Wildfire Involving SDG&E Equipment	PSPS Sectionalizing	Tier 3	No	On-going	Annual	1,087	—	—	—	1,087	—	—	—	—	—
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal PUBLIC SAFETY POWER SHUTOFF (PSPS) ENGINEERING ENHANCEMENTS**				**Yes**			**2,175**	**—**	**—**	**—**	**2,175**	**1,965**	**2,024**	**2,085**	**2,148**	**1,965**
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	STRATEGIC UNDERGROUNDING	Wildfire Involving SDG&E Equipment	Strategic Undergrounding	Tier 2	No	On-going	Annual	49,184	—	—	—	49,184	38,315	43,882	44,299	44,856	38,315

SDG&E WILDFIRE MITIGATION & VEGETATION MANAGEMENT Capital
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Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date ($)
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	STRATEGIC UNDERGROUNDING	Wildfire Involving SDG&E Equipment	Strategic Undergrounding	Tier 3	No	On-going	Annual	164,660	—	—	—	164,660	65,241	74,718	75,429	76,377	65,241
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal STRATEGIC UNDERGROUNDING**				**Yes**			**213,844**	**—**	**—**	**—**	**213,844**	**103,556**	**118,600**	**119,728**	**121,233**	**103,556**
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	TWIN ENGINE MEDIUM LIFT HELICOPTER	Wildfire Involving SDG&E Equipment	Aviation Firefighting Program	Tier 3	No	2	4	767	—	—	—	767	—	—	—	—	—
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal TWIN ENGINE MEDIUM LIFT HELICOPTER**				**Yes**			**767**	**—**	**—**	**—**	**767**	**—**	**—**	**—**	**—**	**—**
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	WILDFIRE AND CLIMATE RESILIENCE CENTER	Wildfire Involving SDG&E Equipment	Emergency Management Operations	N/A	No	5	6	784	—	—	—	784	—	—	—	—	—
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal WILDFIRE AND CLIMATE RESILIENCE CENTER**				**Yes**			**784**	**—**	**—**	**—**	**784**	**—**	**—**	**—**	**—**	**—**
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	WIRELESS FAULT INDICATORS	Wildfire Involving SDG&E Equipment	Wireless Fault Indicators	Tier 2	No	On-going	Annual	1	—	—	—	1	667	687	707	729	667

SDG&E WILDFIRE MITIGATION & VEGETATION MANAGEMENT Capital
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Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date ($)
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	WIRELESS FAULT INDICATORS	Wildfire Involving SDG&E Equipment	Wireless Fault Indicators	Tier 3	No	On-going	Annual	1	—	—	—	1	667	687	708	728	667
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal WIRELESS FAULT INDICATORS**				**Yes**			**3**	**—**	**—**	**—**	**3**	**1,334**	**1,374**	**1,415**	**1,457**	**1,334**
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	WMP ADVANCED ANALYTICS	Wildfire Involving SDG&E Equipment	Centralized Repository for Data	N/A	No	On-going	Annual	4,745	—	—	—	4,745	5,007	5,157	5,312	5,471	5,007
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal WMP ADVANCED ANALYTICS**				**Yes**			**4,745**	**—**	**—**	**—**	**4,745**	**5,007**	**5,157**	**5,312**	**5,471**	**5,007**
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	WMP ASSET AND WORK MANAGEMENT ANALYTICS	Wildfire Involving SDG&E Equipment	WMP ASSET AND WORK MANAGEMENT ANALYTICS	N/A	No	Emergent	1	1,139	—	—	—	1,139	—	—	—	—	—
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal WMP ASSET AND WORK MANAGEMENT ANALYTICS**				**Yes**			**1,139**	**—**	**—**	**—**	**1,139**	**—**	**—**	**—**	**—**	**—**
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	WMP ASSET INVESTMENT PRIORITIZATION	Asset Management	Asset Management	N/A	No	5	5	678	—	—	—	678	2,372	2,443	2,516	2,591	2,372
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal WMP ASSET INVESTMENT PRIORITIZATION**				**Yes**			**678**	**—**	**—**	**—**	**678**	**2,372**	**2,443**	**2,516**	**2,591**	**2,372**
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	WMP CENTRALIZED REPOSITORY FOR DATA	Wildfire Involving SDG&E Equipment	Centralized Repository for Data	N/A	No	8	5	6,086	—	—	—	6,086	6,713	6,914	7,121	7,335	6,713

SDG&E WILDFIRE MITIGATION & VEGETATION MANAGEMENT Capital
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Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date ($)
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal WMP CENTRALIZED REPOSITORY FOR DATA**				**Yes**			**6,086**	**—**	**—**	**—**	**6,086**	**6,713**	**6,914**	**7,121**	**7,335**	**6,713**
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	WMP CIRCUIT RISK INDEX	Wildfire Involving SDG&E Equipment	Fire Science and Climate Adaptation Department	N/A	No	8	5	—	—	—	—	—	527	543	559	576	527
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal WMP CIRCUIT RISK INDEX**				**Yes**			**—**	**—**	**—**	**—**	**—**	**527**	**543**	**559**	**576**	**527**
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	WMP MICROGRIDS	Wildfire Involving SDG&E Equipment	Microgrids	Tier 2	No	6	6	1,277	—	—	—	1,277	3,009	3,099	3,192	3,288	3,009
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	WMP MICROGRIDS	Wildfire Involving SDG&E Equipment	Microgrids	Tier 3	No	6	6	5,819	—	—	—	5,819	—	—	—	—	—
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal WMP MICROGRIDS**				**Yes**			**7,096**	**—**	**—**	**—**	**7,096**	**3,009**	**3,099**	**3,192**	**3,288**	**3,009**
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	WMP OPERATION MEGAPHONE	Wildfire Involving SDG&E Equipment	WMP OPERATION MEGAPHONE	N/A	No	Emergent	2	367	—	—	—	367	—	—	—	—	—
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal WMP OPERATION MEGAPHONE**				**Yes**			**367**	**—**	**—**	**—**	**367**	**—**	**—**	**—**	**—**	**—**

SDG&E WILDFIRE MITIGATION & VEGETATION MANAGEMENT Capital
Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference ($)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**				**Yes**	**89,413**	**(417,103)**	**(424,480)**	**(432,424)**	**89,413**	**23%**	**-100%**	**-100%**	**-100%**	**23%**
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	ADVANCED PROTECTION	Wildfire Involving SDG&E Equipment	Advanced Protection	Tier 3	No	7,866	(7,154)	(7,368)	(7,589)	7,866	113%	-100%	-100%	-100%	113%
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal ADVANCED PROTECTION**				**Yes**	**7,866**	**(7,154)**	**(7,368)**	**(7,589)**	**7,866**	**113%**	**-100%**	**-100%**	**-100%**	**113%**
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	ADVANCED WEATHER STATION INTEGRATION AND FORECAST	Wildfire Involving SDG&E Equipment	Advanced Weather Station Integration	N/A	No	(360)	(490)	(505)	(520)	(360)	-76%	-100%	-100%	-100%	-76%
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal ADVANCED WEATHER STATION INTEGRATION AND FORECAST**				**Yes**	**(360)**	**(490)**	**(505)**	**(520)**	**(360)**	**-76%**	**-100%**	**-100%**	**-100%**	**-76%**
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	WMP PRIVATE LTE	Wildfire Involving SDG&E Equipment	LTE Communication Network	N/A	No	(70,156)	(85,389)	(87,951)	(90,590)	(70,156)	-85%	-100%	-100%	-100%	-85%
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal WMP PRIVATE LTE**				**Yes**	**(70,156)**	**(85,389)**	**(87,951)**	**(90,590)**	**(70,156)**	**-85%**	**-100%**	**-100%**	**-100%**	**-85%**

SDG&E WILDFIRE MITIGATION & VEGETATION MANAGEMENT Capital
Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference ($)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	AVIATION FIREFIGHTING PROGRAM	Wildfire Involving SDG&E Equipment	Aviation Firefighting Program	Tier 3	No	(7,327)	(9,856)	(10,152)	(10,457)	(7,327)	-77%	-100%	-100%	-100%	-77%
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal AVIATION FIREFIGHTING PROGRAM**				**Yes**	**(7,327)**	**(9,856)**	**(10,152)**	**(10,457)**	**(7,327)**	**-77%**	**-100%**	**-100%**	**-100%**	**-77%**
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	CNF FIRE HARDENING	Wildfire Involving SDG&E Equipment	Cleveland National Forest Fire Hardening T1-T2	Tier 3	No	(476)	(1,557)	(1,604)	(1,652)	(476)	-31%	-100%	-100%	-100%	-31%
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal CNF FIRE HARDENING**				**Yes**	**(476)**	**(1,557)**	**(1,604)**	**(1,652)**	**(476)**	**-31%**	**-100%**	**-100%**	**-100%**	**-31%**
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	CORRECTIVE MAINTENANCE PROGRAM TIER 2&3	Wildfire Involving SDG&E Equipment	Transmission System Inspection	N/A	No	316	(749)	(771)	(794)	316	43%	-100%	-100%	-100%	43%
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal CORRECTIVE MAINTENANCE PROGRAM TIER 2&3**				**Yes**	**316**	**(749)**	**(771)**	**(794)**	**316**	**43%**	**-100%**	**-100%**	**-100%**	**43%**
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	DIGITAL FORTRESS	Foundational Technology Systems	Emergency Management Operations	N/A	No	3,154	—	—	—	3,154	100%	—%	—%	—%	100%
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal DIGITAL FORTRESS**				**Yes**	**3,154**	**—**	**—**	**—**	**3,154**	**100%**	**—%**	**—%**	**—%**	**100%**

SDG&E WILDFIRE MITIGATION & VEGETATION MANAGEMENT Capital
Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference ($)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	DRONE INVESTIGATION ASSESMENT AND REPAIR	Wildfire Involving SDG&E Equipment	Distribution System Inspection Drone Inspections	Tier 2	No	64,413	(8,926)	(9,194)	(9,470)	64,413	743%	-100%	-100%	-100%	743%
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal DRONE INVESTIGATION ASSESMENT AND REPAIR**				**Yes**	**64,413**	**(8,926)**	**(9,194)**	**(9,470)**	**64,413**	**743%**	**-100%**	**-100%**	**-100%**	**743%**
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	HFTD HOT LINE CLAMPS	Wildfire Involving SDG&E Equipment	Hotline Clamps	Tier 2	No	579	—	—	—	579	100%	—%	—%	—%	100%
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	HFTD HOT LINE CLAMPS	Wildfire Involving SDG&E Equipment	Hotline Clamps	Tier 3	No	102	—	—	—	102	100%	—%	—%	—%	100%
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal HFTD HOT LINE CLAMPS**				**Yes**	**681**	**—**	**—**	**—**	**681**	**100%**	**—%**	**—%**	**—%**	**100%**

SDG&E WILDFIRE MITIGATION & VEGETATION MANAGEMENT Capital
Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference ($)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	WMP PSPS MOBILE AND ENS ENHANCEMENTS	Wildfire Involving SDG&E Equipment	Communication Practices	N/A	No	3,020	(3,810)	(3,924)	(4,042)	3,020	82%	-100%	-100%	-100%	82%
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal WMP PSPS MOBILE AND ENS ENHANCEMENTS**				**Yes**	**3,020**	**(3,810)**	**(3,924)**	**(4,042)**	**3,020**	**82%**	**-100%**	**-100%**	**-100%**	**82%**
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	EMERGENCY MANAGEMENT OPERATIONS	Foundational Technology Systems	Emergency Management Operations	N/A	No	(2,949)	(3,037)	(3,128)	(3,222)	(2,949)	-100%	-100%	-100%	-100%	-100%
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal EMERGENCY MANAGEMENT OPERATIONS**				**Yes**	**(2,949)**	**(3,037)**	**(3,128)**	**(3,222)**	**(2,949)**	**-100%**	**-100%**	**-100%**	**-100%**	**-100%**
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	FIRE SCIENCE ENHANCEMENT (WRRM-OPS)	Wildfire Involving SDG&E Equipment	WRRM - OPS	N/A	No	(3,145)	(3,239)	(3,336)	(3,436)	(3,145)	-100%	-100%	-100%	-100%	-100%
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal FIRE SCIENCE ENHANCEMENT (WRRM-OPS)**				**Yes**	**(3,145)**	**(3,239)**	**(3,336)**	**(3,436)**	**(3,145)**	**-100%**	**-100%**	**-100%**	**-100%**	**-100%**
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	HFTD EXPULSION FUSE REPLACEMENT	Wildfire Involving SDG&E Equipment	HFTD Expulsion Fuse Replacements	Tier 2	No	99	—	—	—	99	100%	—%	—%	—%	100%
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	HFTD EXPULSION FUSE REPLACEMENT	Wildfire Involving SDG&E Equipment	HFTD Expulsion Fuse Replacements	Tier 3	No	107	—	—	—	107	100%	—%	—%	—%	100%
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal HFTD EXPULSION FUSE REPLACEMENT**				**Yes**	**206**	**—**	**—**	**—**	**206**	**100%**	**—%**	**—%**	**—%**	**100%**
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	WMP VEGETATION MANAGEMENT SERVICE POWERW	Wildfire Involving SDG&E Equipment	WMP VEGETATION MANAGEMENT SERVICE POWERW	N/A	No	622	—	—	—	622	100%	—%	—%	—%	100%
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal WMP VEGETATION MANAGEMENT SERVICE POWERW**				**Yes**	**622**	**—**	**—**	**—**	**622**	**100%**	**—%**	**—%**	**—%**	**100%**

SDG&E WILDFIRE MITIGATION & VEGETATION MANAGEMENT Capital
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Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference ($)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	HFTD SCADA CAPACITOR REPLACEMENT	Wildfire Involving SDG&E Equipment	SCADA Capacitors (HFTD Tier 2)	Tier 2	No	(1,600)	(1,843)	(1,898)	(1,955)	(1,600)	-89%	-100%	-100%	-100%	-89%
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal HFTD SCADA CAPACITOR REPLACEMENT**				**Yes**	**(1,600)**	**(1,843)**	**(1,898)**	**(1,955)**	**(1,600)**	**-89%**	**-100%**	**-100%**	**-100%**	**-89%**
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	HFTD TRANSM. FIBER OPTICS	Wildfire Involving SDG&E Equipment	LTE Communication Network	N/A	No	4,023	(9,943)	(10,241)	(10,548)	4,023	42%	-100%	-100%	-100%	42%
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal HFTD TRANSM. FIBER OPTICS**				**Yes**	**4,023**	**(9,943)**	**(10,241)**	**(10,548)**	**4,023**	**42%**	**-100%**	**-100%**	**-100%**	**42%**
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	HIGH RISK POLE REPLACEMENT PROGRAM HFTD	Wildfire Involving SDG&E Equipment	Strategic Pole Replacement Program (HFTD)	HFTD Tiers 2 & 3	No	(5,513)	(8,197)	(8,443)	(8,696)	(5,513)	-69%	-100%	-100%	-100%	-69%
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal HIGH RISK POLE REPLACEMENT PROGRAM HFTD**				**Yes**	**(5,513)**	**(8,197)**	**(8,443)**	**(8,696)**	**(5,513)**	**-69%**	**-100%**	**-100%**	**-100%**	**-69%**
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	LIGHTNING ARRESTOR REPLACEMENT PROGRAM	Electric Infrastructure Integrity	Avian Protection Program	OH Distribution	No	(653)	(1,771)	(1,824)	(1,879)	(653)	-38%	-100%	-100%	-100%	-38%

SDG&E WILDFIRE MITIGATION & VEGETATION MANAGEMENT Capital
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Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference ($)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	LIGHTNING ARRESTOR REPLACEMENT PROGRAM	Wildfire Involving SDG&E Equipment	Lightning Arrestor Removal/Replacement Program	Tier 2	No	1,006	(240)	(247)	(254)	1,006	432%	-100%	-100%	-100%	432%
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	LIGHTNING ARRESTOR REPLACEMENT PROGRAM	Wildfire Involving SDG&E Equipment	Lightning Arrestor Removal/Replacement Program	Tier 3	No	(606)	(2,122)	(2,186)	(2,252)	(606)	-29%	-100%	-100%	-100%	-29%
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal LIGHTNING ARRESTOR REPLACEMENT PROGRAM**				**Yes**	**(253)**	**(4,133)**	**(4,257)**	**(4,385)**	**(253)**	**-6%**	**-100%**	**-100%**	**-100%**	**-6%**
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	OH SYSTEM COVERED CONDUCTOR	Wildfire Involving SDG&E Equipment	OH Dist Fire Hardening Covered Conductor	Tier 2	No	27,221	(16,225)	(16,225)	(16,225)	27,221	168%	-100%	-100%	-100%	168%
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	OH SYSTEM COVERED CONDUCTOR	Wildfire Involving SDG&E Equipment	OH Dist Fire Hardening Covered Conductor	Tier 3	No	(42,401)	(73,916)	(73,916)	(73,916)	(42,401)	-57%	-100%	-100%	-100%	-57%

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Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference ($)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal OH SYSTEM COVERED CONDUCTOR**				**Yes**	**(15,179)**	**(90,141)**	**(90,141)**	**(90,141)**	**(15,179)**	**-17%**	**-100%**	**-100%**	**-100%**	**-17%**
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	OH SYSTEM TRADITIONAL HARDENING	Wildfire Involving SDG&E Equipment	OH Dist Fire Hardening Bare Conductor	Tier 3	No	(3,615)	(7,075)	(7,287)	(7,506)	(3,615)	-53%	-100%	-100%	-100%	-53%
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	OH SYSTEM TRADITIONAL HARDENING	Wildfire Involving SDG&E Equipment	OH Dist Fire Hardening Bare Conductor	Tier 2	No	322	—	—	—	322	100%	—%	—%	—%	100%
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal OH SYSTEM TRADITIONAL HARDENING**				**Yes**	**(3,293)**	**(7,075)**	**(7,287)**	**(7,506)**	**(3,293)**	**-48%**	**-100%**	**-100%**	**-100%**	**-48%**
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	OVERHEAD TRANSMISSION FIRE HARDENING (DISTRIBUTION UNDERBUILD)	Wildfire Involving SDG&E Equipment	OH Trans Fire Hardening Dist Underbuild	Tier 2	No	(4,344)	(17,295)	(17,814)	(18,347)	(4,344)	-26%	-100%	-100%	-100%	-26%
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	OVERHEAD TRANSMISSION FIRE HARDENING (DISTRIBUTION UNDERBUILD)	Wildfire Involving SDG&E Equipment	OH Trans Fire Hardening Dist Underbuild	Tier 3	No	(1,341)	(1,382)	(1,423)	(1,466)	(1,341)	-100%	-100%	-100%	-100%	-100%
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal OVERHEAD TRANSMISSION FIRE HARDENING (DISTRIBUTION UNDERBUILD)**				**Yes**	**(5,685)**	**(18,677)**	**(19,237)**	**(19,813)**	**(5,685)**	**-31%**	**-100%**	**-100%**	**-100%**	**-31%**

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Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference ($)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	POLE REPLACEMENT AND REINFORCEMENT IN HFTD	Wildfire Involving SDG&E Equipment	Distribution System Inspection CMP 10 Year Intrusive T2	Tier 2	No	(1,275)	(1,527)	(1,573)	(1,620)	(1,275)	-86%	-100%	-100%	-100%	-86%
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	POLE REPLACEMENT AND REINFORCEMENT IN HFTD	Wildfire Involving SDG&E Equipment	Distribution System Inspection CMP 5 Year Detailed Inspections T1-T2	Tier 2	No	(510)	(4,385)	(4,517)	(4,652)	(510)	-12%	-100%	-100%	-100%	-12%
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	POLE REPLACEMENT AND REINFORCEMENT IN HFTD	Wildfire Involving SDG&E Equipment	Distribution System Inspection CMP 5 Year Detailed Inspections T1-T2	Tier 3	No	774	(3,383)	(3,484)	(3,589)	774	24%	-100%	-100%	-100%	24%
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	POLE REPLACEMENT AND REINFORCEMENT IN HFTD	Wildfire Involving SDG&E Equipment	Distribution System Inspection CMP Annual Patrol T1-T2	Tier 2	No	1,404	(484)	(499)	(514)	1,404	299%	-100%	-100%	-100%	299%
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	POLE REPLACEMENT AND REINFORCEMENT IN HFTD	Wildfire Involving SDG&E Equipment	Distribution System Inspection CMP Annual Patrol T1-T2	Tier 3	No	124	(408)	(420)	(433)	124	31%	-100%	-100%	-100%	31%

SDG&E WILDFIRE MITIGATION & VEGETATION MANAGEMENT Capital
Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference ($)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	POLE REPLACEMENT AND REINFORCEMENT IN HFTD	Wildfire Involving SDG&E Equipment	Distribution System Inspection HFTD Tier 3 Inspections T1-T2	Tier 3	No	(2,472)	(2,546)	(2,622)	(2,701)	(2,472)	-100%	-100%	-100%	-100%	-100%
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal POLE REPLACEMENT AND REINFORCEMENT IN HFTD**				**Yes**	**(1,954)**	**(12,733)**	**(13,115)**	**(13,509)**	**(1,954)**	**-16%**	**-100%**	**-100%**	**-100%**	**-16%**
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	PSPP ALL HAZARDS & K2	Wildfire Involving SDG&E Equipment	PSPP ALL HAZARDS & K2	N/A	No	9,801	—	—	—	9,801	100%	—%	—%	—%	100%
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal PSPP ALL HAZARDS & K2**				**Yes**	**9,801**	**—**	**—**	**—**	**9,801**	**100%**	**—%**	**—%**	**—%**	**100%**
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	PUBLIC SAFETY POWER SHUTOFF (PSPS) ENGINEERING ENHANCEMENTS	Wildfire Involving SDG&E Equipment	PSPS Sectionalizing	Tier 2	No	(878)	(2,024)	(2,085)	(2,148)	(878)	-45%	-100%	-100%	-100%	-45%
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	PUBLIC SAFETY POWER SHUTOFF (PSPS) ENGINEERING ENHANCEMENTS	Wildfire Involving SDG&E Equipment	PSPS Sectionalizing	Tier 3	No	1,087	—	—	—	1,087	100%	—%	—%	—%	100%
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal PUBLIC SAFETY POWER SHUTOFF (PSPS) ENGINEERING ENHANCEMENTS**				**Yes**	**210**	**(2,024)**	**(2,085)**	**(2,148)**	**210**	**11%**	**-100%**	**-100%**	**-100%**	**11%**
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	STRATEGIC UNDERGROUNDING	Wildfire Involving SDG&E Equipment	Strategic Undergrounding	Tier 2	No	10,869	(43,882)	(44,299)	(44,856)	10,869	28%	-100%	-100%	-100%	28%

SDG&E WILDFIRE MITIGATION & VEGETATION MANAGEMENT Capital
Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference ($)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	STRATEGIC UNDERGROUNDING	Wildfire Involving SDG&E Equipment	Strategic Undergrounding	Tier 3	No	99,419	(74,718)	(75,429)	(76,377)	99,419	152%	-100%	-100%	-100%	152%
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal STRATEGIC UNDERGROUNDING**				**Yes**	**110,288**	**(118,600)**	**(119,728)**	**(121,233)**	**110,288**	**107%**	**-100%**	**-100%**	**-100%**	**107%**
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	TWIN ENGINE MEDIUM LIFT HELICOPTER	Wildfire Involving SDG&E Equipment	Aviation Firefighting Program	Tier 3	No	767	—	—	—	767	100%	—%	—%	—%	100%
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal TWIN ENGINE MEDIUM LIFT HELICOPTER**				**Yes**	**767**	**—**	**—**	**—**	**767**	**100%**	**—%**	**—%**	**—%**	**100%**
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	WILDFIRE AND CLIMATE RESILIENCE CENTER	Wildfire Involving SDG&E Equipment	Emergency Management Operations	N/A	No	784	—	—	—	784	100%	—%	—%	—%	100%
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal WILDFIRE AND CLIMATE RESILIENCE CENTER**				**Yes**	**784**	**—**	**—**	**—**	**784**	**100%**	**—%**	**—%**	**—%**	**100%**
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	WIRELESS FAULT INDICATORS	Wildfire Involving SDG&E Equipment	Wireless Fault Indicators	Tier 2	No	(666)	(687)	(707)	(729)	(666)	-100%	-100%	-100%	-100%	-100%

SDG&E WILDFIRE MITIGATION & VEGETATION MANAGEMENT Capital
Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference ($)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	WIRELESS FAULT INDICATORS	Wildfire Involving SDG&E Equipment	Wireless Fault Indicators	Tier 3	No	(666)	(687)	(708)	(728)	(666)	-100%	-100%	-100%	-100%	-100%
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal WIRELESS FAULT INDICATORS**				**Yes**	**(1,331)**	**(1,374)**	**(1,415)**	**(1,457)**	**(1,331)**	**-100%**	**-100%**	**-100%**	**-100%**	**-100%**
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	WMP ADVANCED ANALYTICS	Wildfire Involving SDG&E Equipment	Centralized Repository for Data	N/A	No	(262)	(5,157)	(5,312)	(5,471)	(262)	-5%	-100%	-100%	-100%	-5%
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal WMP ADVANCED ANALYTICS**				**Yes**	**(262)**	**(5,157)**	**(5,312)**	**(5,471)**	**(262)**	**-5%**	**-100%**	**-100%**	**-100%**	**-5%**
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	WMP ASSET AND WORK MANAGEMENT ANALYTICS	Wildfire Involving SDG&E Equipment	WMP ASSET AND WORK MANAGEMENT ANALYTICS	N/A	No	1,139	—	—	—	1,139	100%	—%	—%	—%	100%
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal WMP ASSET AND WORK MANAGEMENT ANALYTICS**				**Yes**	**1,139**	**—**	**—**	**—**	**1,139**	**100%**	**—%**	**—%**	**—%**	**100%**
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	WMP ASSET INVESTMENT PRIORITIZATION	Asset Management	Asset Management	N/A	No	(1,694)	(2,443)	(2,516)	(2,591)	(1,694)	-71%	-100%	-100%	-100%	-71%
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal WMP ASSET INVESTMENT PRIORITIZATION**				**Yes**	**(1,694)**	**(2,443)**	**(2,516)**	**(2,591)**	**(1,694)**	**-71%**	**-100%**	**-100%**	**-100%**	**-71%**
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	WMP CENTRALIZED REPOSITORY FOR DATA	Wildfire Involving SDG&E Equipment	Centralized Repository for Data	N/A	No	(627)	(6,914)	(7,121)	(7,335)	(627)	-9%	-100%	-100%	-100%	-9%

SDG&E WILDFIRE MITIGATION & VEGETATION MANAGEMENT Capital
Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference ($)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal WMP CENTRALIZED REPOSITORY FOR DATA**				**Yes**	**(627)**	**(6,914)**	**(7,121)**	**(7,335)**	**(627)**	**-9%**	**-100%**	**-100%**	**-100%**	**-9%**
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	WMP CIRCUIT RISK INDEX	Wildfire Involving SDG&E Equipment	Fire Science and Climate Adaptation Department	N/A	No	(527)	(543)	(559)	(576)	(527)	-100%	-100%	-100%	-100%	-100%
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal WMP CIRCUIT RISK INDEX**				**Yes**	**(527)**	**(543)**	**(559)**	**(576)**	**(527)**	**-100%**	**-100%**	**-100%**	**-100%**	**-100%**
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	WMP MICROGRIDS	Wildfire Involving SDG&E Equipment	Microgrids	Tier 2	No	(1,732)	(3,099)	(3,192)	(3,288)	(1,732)	-58%	-100%	-100%	-100%	-58%
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	WMP MICROGRIDS	Wildfire Involving SDG&E Equipment	Microgrids	Tier 3	No	5,819	—	—	—	5,819	100%	—%	—%	—%	100%
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal WMP MICROGRIDS**				**Yes**	**4,087**	**(3,099)**	**(3,192)**	**(3,288)**	**4,087**	**136%**	**-100%**	**-100%**	**-100%**	**136%**
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	WMP OPERATION MEGAPHONE	Wildfire Involving SDG&E Equipment	WMP OPERATION MEGAPHONE	N/A	No	367	—	—	—	367	100%	—%	—%	—%	100%
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal WMP OPERATION MEGAPHONE**				**Yes**	**367**	**—**	**—**	**—**	**367**	**100%**	**—%**	**—%**	**—%**	**100%**

SDG&E WILDFIRE MITIGATION & VEGETATION MANAGEMENT Capital
Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**				**Yes**																					
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	ADVANCED PROTECTION	Wildfire Involving SDG&E Equipment	Advanced Protection	Tier 3	No	Circuits enabled	5				5	8				8	(3)	0	0	0	(3)	(38)%	0 %	0 %	0 %	(38)%
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal ADVANCED PROTECTION**				**Yes**																					
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	ADVANCED WEATHER STATION INTEGRATION AND FORECAST	Wildfire Involving SDG&E Equipment	Advanced Weather Station Integration	N/A	No	Weather sensors	1				1	20				20	(19)	0	0	0	(19)	(95)%	0 %	0 %	0 %	(95)%
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal ADVANCED WEATHER STATION INTEGRATION AND FORECAST**				**Yes**																					
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	WMP PRIVATE LTE	Wildfire Involving SDG&E Equipment	LTE Communication Network	N/A	No	Base stations	3				3	72				72	(69)	0	0	0	(69)	(96)%	0 %	0 %	0 %	(96)%
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal WMP PRIVATE LTE**				**Yes**																					

SDG&E WILDFIRE MITIGATION & VEGETATION MANAGEMENT Capital
Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	AVIATION FIREFIGHTING PROGRAM	Wildfire Involving SDG&E Equipment	Aviation Firefighting Program	Tier 3	No	The workpaper contains activities that serve as a wildfire suppression resource to ensure aerial firefighting resources remain available in the region including initial purchase of the helicopter and modification costs and costs for purchases related to UAS. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																				
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal AVIATION FIREFIGHTING PROGRAM**				**Yes**																					
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	CNF FIRE HARDENING	Wildfire Involving SDG&E Equipment	Cleveland National Forest Fire Hardening T1-T2	Tier 3	No	The workpaper contains activities related to post-construction habitat restoration that is required by project permits for temporarily impacted mitigatable vegetation communities. This includes restoration implementation (weed control and seeding), supplemental seeding, monitoring and maintenance, reporting, and agency meetings/site visits. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																				
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal CNF FIRE HARDENING**				**Yes**																					
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	CORRECTIVE MAINTENANCE PROGRAM TIER 2&3	Wildfire Involving SDG&E Equipment	Transmission System Inspection	N/A	No	Poles replaced	27				27	19				19	8	0	0	0	8	42 %	0 %	0 %	0 %	42 %
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal CORRECTIVE MAINTENANCE PROGRAM TIER 2&3**				**Yes**																					
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	DIGITAL FORTRESS	Foundational Technology Systems	Emergency Management Operations	N/A	No	The workpaper contains activities to continue enhancements on the Emergency Operations Center Applications including Public Saftey Power Shutoff Dashboard, Outage Dashboard, Notification Dashboard, Emergency Response Team Roster, Air Quality Index, and Heat Index, fire season support, Gen Artifical Intelligence component built on Amazon Web Services Bedrock to accelerate governmental reporting process, application security enhancements, User Interface alerts when there are data issues, implementation of roll-back procedures for Emergency Operations Center applications, and First Responder Application blueprint that includes high-level functionality, low-level User Interface mockups, and system architecture. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																				
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal DIGITAL FORTRESS**				**Yes**																					

SDG&E WILDFIRE MITIGATION & VEGETATION MANAGEMENT Capital
Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	DRONE INVESTIGATION ASSESMENT AND REPAIR	Wildfire Involving SDG&E Equipment	Distribution System Inspection Drone Inspections	Tier 2	No	Pole replacements	1,992				1,992	159				159	1,833	0	0	0	1,833	1153 %	0 %	0 %	0 %	1153 %
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal DRONE INVESTIGATION ASSESMENT AND REPAIR**				**Yes**																					
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	HFTD HOT LINE CLAMPS	Wildfire Involving SDG&E Equipment	Hotline Clamps	Tier 2	No	Hot line clamps	575				575	0				—	575	0	0	0	575	100 %	0 %	0 %	0 %	100 %
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	HFTD HOT LINE CLAMPS	Wildfire Involving SDG&E Equipment	Hotline Clamps	Tier 3	No	Hot line clamps	103				103	0				—	103	0	0	0	103	100 %	0 %	0 %	0 %	100 %
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal HFTD HOT LINE CLAMPS**				**Yes**																					

SDG&E WILDFIRE MITIGATION & VEGETATION MANAGEMENT Capital
Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	WMP PSPS MOBILE AND ENS ENHANCEMENTS	Wildfire Involving SDG&E Equipment	Communication Practices	N/A	No	The workpaper contains activities to enhance the existing SDG&E Emergency Notification System (ENS) by implementing automations and mandatory CPUC reporting requirements. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																				
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal WMP PSPS MOBILE AND ENS ENHANCEMENTS**				**Yes**																					
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	EMERGENCY MANAGEMENT OPERATIONS	Foundational Technology Systems	Emergency Management Operations	N/A	No	The workpaper contains activities to expand the capabilities of the Noggin 2.0 system with additional digitization of incident forms, workflow configuration, SMS/email notifications of events, and additional compliance and situational awareness reports to migrate about existing 500 end users from WebEOC to Noggin. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																		
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal EMERGENCY MANAGEMENT OPERATIONS**				**Yes**																					
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	FIRE SCIENCE ENHANCEMENT (WRRM-OPS)	Wildfire Involving SDG&E Equipment	WRRM - OPS	N/A	No	The workpaper contains activities to modernize and expand the capabilities of existing tools such as the Fire Potential Index to asses the risk and the impacts of wildfire and reduce the number of required patrols following outages. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																		
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal FIRE SCIENCE ENHANCEMENT (WRRM-OPS)**				**Yes**																					
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	HFTD EXPULSION FUSE REPLACEMENT	Wildfire Involving SDG&E Equipment	HFTD Expulsion Fuse Replacements	Tier 2	No	Fuses replaced	90				90	0				—	90	0	0	0	90	100 %	0 %	0 %	0 %	100 %
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	HFTD EXPULSION FUSE REPLACEMENT	Wildfire Involving SDG&E Equipment	HFTD Expulsion Fuse Replacements	Tier 3	No	Fuses replaced	98				98	0				—	98	0	0	0	98	100 %	0 %	0 %	0 %	100 %
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal HFTD EXPULSION FUSE REPLACEMENT**				**Yes**																					
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	WMP VEGETATION MANAGEMENT SERVICE POWERW	Wildfire Involving SDG&E Equipment	WMP VEGETATION MANAGEMENT SERVICE POWERW	N/A	No	The workpaper contains activities to upgrade Vegetation Management Services (VMS) to deliver an automated environmental data update for Wood Pole Intrusive inspections and develop VMS Patrols and TCM workflows, and regulatory reporting mandates. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																		
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal WMP VEGETATION MANAGEMENT SERVICE POWERW**				**Yes**																					

SDG&E WILDFIRE MITIGATION & VEGETATION MANAGEMENT Capital
Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	HFTD SCADA CAPACITOR REPLACEMENT	Wildfire Involving SDG&E Equipment	SCADA Capacitors (HFTD Tier 2)	Tier 2	No	Capacitors replaced	1				1	24				24	(23)	0	0	0	(23)	(96)%	0 %	0 %	0 %	(96)%
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal HFTD SCADA CAPACITOR REPLACEMENT**				**Yes**																					
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	HFTD TRANSM. FIBER OPTICS	Wildfire Involving SDG&E Equipment	LTE Communication Network	N/A	No	Miles of cable	6				6	26				26	(20)	0	0	0	(20)	(77)%	0 %	0 %	0 %	(77)%
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal HFTD TRANSM. FIBER OPTICS**				**Yes**																					
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	HIGH RISK POLE REPLACEMENT PROGRAM HFTD	Wildfire Involving SDG&E Equipment	Strategic Pole Replacement Program (HFTD)	HFTD Tiers 2 & 3	No	Poles	40				40	200				200	(160)	0	0	0	(160)	(80)%	0 %	0 %	0 %	(80)%
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal HIGH RISK POLE REPLACEMENT PROGRAM HFTD**				**Yes**																					
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	LIGHTNING ARRESTOR REPLACEMENT PROGRAM	Electric Infrastructure Integrity	Avian Protection Program	OH Distribution	No	Poles protected	774				774	570				570	204	0	0	0	204	36 %	0 %	0 %	0 %	36 %

SDG&E WILDFIRE MITIGATION & VEGETATION MANAGEMENT Capital
Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	LIGHTNING ARRESTOR REPLACEMENT PROGRAM	Wildfire Involving SDG&E Equipment	Lightning Arrestor Removal/Replacement Program	Tier 2	No	Lightning arrestors	763				763	188				188	575	0	0	0	575	306 %	0 %	0 %	0 %	306 %
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	LIGHTNING ARRESTOR REPLACEMENT PROGRAM	Wildfire Involving SDG&E Equipment	Lightning Arrestor Removal/Replacement Program	Tier 3	No	Lightning arrestors	891				891	1,660				1,660	(769)	0	0	0	(769)	(46)%	0 %	0 %	0 %	(46)%
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal LIGHTNING ARRESTOR REPLACEMENT PROGRAM**				**Yes**																					
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	OH SYSTEM COVERED CONDUCTOR	Wildfire Involving SDG&E Equipment	OH Dist Fire Hardening Covered Conductor	Tier 2	No	Miles hardened	21				21	18				18	3	0	0	0	3	17 %	0 %	0 %	0 %	17 %
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	OH SYSTEM COVERED CONDUCTOR	Wildfire Involving SDG&E Equipment	OH Dist Fire Hardening Covered Conductor	Tier 3	No	Miles hardened	15				15	82				82	(67)	0	0	0	(67)	(82)%	0 %	0 %	0 %	(82)%

SDG&E WILDFIRE MITIGATION & VEGETATION MANAGEMENT Capital
Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal OH SYSTEM COVERED CONDUCTOR**				**Yes**																					
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	OH SYSTEM TRADITIONAL HARDENING	Wildfire Involving SDG&E Equipment	OH Dist Fire Hardening Bare Conductor	Tier 3	No	Miles hardened	1				1	5				5	(5)	0	0	0	(5)	(90)%	0 %	0 %	0 %	(90)%
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	OH SYSTEM TRADITIONAL HARDENING	Wildfire Involving SDG&E Equipment	OH Dist Fire Hardening Bare Conductor	Tier 2	No	Miles hardened	—				—	0				—	0	0	0	0	—	0 %	0 %	0 %	0 %	0 %
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal OH SYSTEM TRADITIONAL HARDENING**				**Yes**																					
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	OVERHEAD TRANSMISSION FIRE HARDENING (DISTRIBUTION UNDERBUILD)	Wildfire Involving SDG&E Equipment	OH Trans Fire Hardening Dist Underbuild	Tier 2	No	Miles hardened	7				7	14				14	(7)	0	0	0	(7)	(49)%	0 %	0 %	0 %	(49)%
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	OVERHEAD TRANSMISSION FIRE HARDENING (DISTRIBUTION UNDERBUILD)	Wildfire Involving SDG&E Equipment	OH Trans Fire Hardening Dist Underbuild	Tier 3	No	Miles hardened	—				—	1				1	(1)	0	0	0	(1)	(100)%	0 %	0 %	0 %	(100)%
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal OVERHEAD TRANSMISSION FIRE HARDENING (DISTRIBUTION UNDERBUILD)**				**Yes**																					

SDG&E WILDFIRE MITIGATION & VEGETATION MANAGEMENT Capital
Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	POLE REPLACEMENT AND REINFORCEMENT IN HFTD	Wildfire Involving SDG&E Equipment	Distribution System Inspection CMP 10 Year Intrusive T2	Tier 2	No	Poles replaced	9				9	76				76	(67)	0	0	0	(67)	(88)%	0 %	0 %	0 %	(88)%
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	POLE REPLACEMENT AND REINFORCEMENT IN HFTD	Wildfire Involving SDG&E Equipment	Distribution System Inspection CMP 5 Year Detailed Inspections T1-T2	Tier 2	No	Poles replaced	153				153	217				217	(64)	0	0	0	(64)	(29)%	0 %	0 %	0 %	(29)%
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	POLE REPLACEMENT AND REINFORCEMENT IN HFTD	Wildfire Involving SDG&E Equipment	Distribution System Inspection CMP 5 Year Detailed Inspections T1-T2	Tier 3	No	Poles replaced	165				165	168				168	(3)	0	0	0	(3)	(2)%	0 %	0 %	0 %	(2)%
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	POLE REPLACEMENT AND REINFORCEMENT IN HFTD	Wildfire Involving SDG&E Equipment	Distribution System Inspection CMP Annual Patrol T1-T2	Tier 2	No	Poles replaced	75				75	24				24	51	0	0	0	51	213 %	0 %	0 %	0 %	213 %
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	POLE REPLACEMENT AND REINFORCEMENT IN HFTD	Wildfire Involving SDG&E Equipment	Distribution System Inspection CMP Annual Patrol T1-T2	Tier 3	No	Poles replaced	20				20	20				20	0	0	0	0	—	0 %	0 %	0 %	0 %	0 %

SDG&E WILDFIRE MITIGATION & VEGETATION MANAGEMENT Capital
Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	POLE REPLACEMENT AND REINFORCEMENT IN HFTD	Wildfire Involving SDG&E Equipment	Distribution System Inspection HFTD Tier 3 Inspections T1-T2	Tier 3	No	Poles replaced	—				—	126				126	(126)	0	0	0	(126)	(100)%	0 %	0 %	0 %	(100)%
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal POLE REPLACEMENT AND REINFORCEMENT IN HFTD**				**Yes**																					
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	PSPP ALL HAZARDS & K2	Wildfire Involving SDG&E Equipment	PSPP ALL HAZARDS & K2	N/A	No	The workpaper contains activities to implement and evolve the Public Safety Partner Portal and mobile app into a one-stop-shop solution for Partners to access All-hazard related information to implement All-hazard solutions. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																			
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal PSPP ALL HAZARDS & K2**				**Yes**																					
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	PUBLIC SAFETY POWER SHUTOFF (PSPS) ENGINEERING ENHANCEMENTS	Wildfire Involving SDG&E Equipment	PSPS Sectionalizing	Tier 2	No	Switches installed	9				9	10				10	(1)	0	0	0	(1)	(10)%	0 %	0 %	0 %	(10)%
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	PUBLIC SAFETY POWER SHUTOFF (PSPS) ENGINEERING ENHANCEMENTS	Wildfire Involving SDG&E Equipment	PSPS Sectionalizing	Tier 3	No	Switches installed	9				9	0				—	9	0	0	0	9	100 %	0 %	0 %	0 %	100 %
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal PUBLIC SAFETY POWER SHUTOFF (PSPS) ENGINEERING ENHANCEMENTS**				**Yes**																					
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	STRATEGIC UNDERGROUNDING	Wildfire Involving SDG&E Equipment	Strategic Undergrounding	Tier 2	No	Miles UG	26				26	13				13	13	0	0	0	13	100 %	0 %	0 %	0 %	100 %

SDG&E WILDFIRE MITIGATION & VEGETATION MANAGEMENT Capital
Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	STRATEGIC UNDERGROUNDING	Wildfire Involving SDG&E Equipment	Strategic Undergrounding	Tier 3	No	Miles UG	86				86	22				22	64	0	0	0	64	291 %	0 %	0 %	0 %	291 %
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal STRATEGIC UNDERGROUNDING**				**Yes**																					
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	TWIN ENGINE MEDIUM LIFT HELICOPTER	Wildfire Involving SDG&E Equipment	Aviation Firefighting Program	Tier 3	No	The workpaper contains activities related to firefighting modifications for the helicopter. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																				
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal TWIN ENGINE MEDIUM LIFT HELICOPTER**				**Yes**																					
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	WILDFIRE AND CLIMATE RESILIENCE CENTER	Wildfire Involving SDG&E Equipment	Emergency Management Operations	N/A	No	The workpaper contains activities related to the design, construction, logistics, and project management for the buildout of the Wildfire & Climate Resilience Center (WCRC). The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																				
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal WILDFIRE AND CLIMATE RESILIENCE CENTER**				**Yes**																					
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	WIRELESS FAULT INDICATORS	Wildfire Involving SDG&E Equipment	Wireless Fault Indicators	Tier 2	No	Wireless fault indicators installed	—				—	400				400	(400)	0	0	0	(400)	(100)%	0 %	0 %	0 %	(100)%

SDG&E WILDFIRE MITIGATION & VEGETATION MANAGEMENT Capital
Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	WIRELESS FAULT INDICATORS	Wildfire Involving SDG&E Equipment	Wireless Fault Indicators	Tier 3	No	Wireless fault indicators installed	—				—	400				400	(400)	0	0	0	(400)	(100)%	0 %	0 %	0 %	(100)%
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal WIRELESS FAULT INDICATORS**				**Yes**																					
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	WMP ADVANCED ANALYTICS	Wildfire Involving SDG&E Equipment	Centralized Repository for Data	N/A	No	The workpaper contains activities to build out machine learning models and pipelines and develop advanced analytics/predictive use cases to proactively identify, reduce and manage wildfire-related risk. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																			
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal WMP ADVANCED ANALYTICS**				**Yes**																					
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	WMP ASSET AND WORK MANAGEMENT ANALYTICS	Wildfire Involving SDG&E Equipment	WMP ASSET AND WORK MANAGEMENT ANALYTICS	N/A	No	The workpaper contains activities to integrate asset, risk event, outage, and maintenance and inspection data including build consolidated views, data catalogues, data cleansing and data governance for asset data. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																			
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal WMP ASSET AND WORK MANAGEMENT ANALYTICS**				**Yes**																					
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	WMP ASSET INVESTMENT PRIORITIZATION	Asset Management	Asset Management	N/A	No	The workpaper contains activities to replace existing application to use a new value-based decision model approach for capital investment decisions and/or prioritization. The variety of work activities in this category makes it infeasible to identify a single unit of measurement																			
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal WMP ASSET INVESTMENT PRIORITIZATION**				**Yes**																					
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	WMP CENTRALIZED REPOSITORY FOR DATA	Wildfire Involving SDG&E Equipment	Centralized Repository for Data	N/A	No	The workpaper contains activities to build out central data repository, reporting and analytics solutions across variety of WMP related initiatives. Project includes ingestion of raw data into central repository from multiple source systems, development of logical views, visualizations and advanced analytics models to provide actionable insights. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																			

SDG&E WILDFIRE MITIGATION & VEGETATION MANAGEMENT Capital
Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal WMP CENTRALIZED REPOSITORY FOR DATA**				**Yes**																					
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	WMP CIRCUIT RISK INDEX	Wildfire Involving SDG&E Equipment	Fire Science and Climate Adaptation Department	N/A	No	The workpaper contains multiple components of creation of a Circuit Risk Index (CRI) that would allow quick consolidation of multiple data points into a single index that could be quickly interpreted. Data points that could be incorporated to create this Circuit Risk Index include but are not limited to circuit spans subject to temporary construction/configuration that have mechanically de-rated facilities, inspection infractions, asset condition, age, or fire hardening structures, overloaded structures, outage history, network assets, electric system conditions and characteristics, and at risk parameters. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																			
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal WMP CIRCUIT RISK INDEX**				**Yes**																					
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	WMP MICROGRIDS	Wildfire Involving SDG&E Equipment	Microgrids	Tier 2	No	Microgrids	—				—	8				8	(8)	0	0	0	(8)	(100)%	0 %	0 %	0 %	(100)%
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	WMP MICROGRIDS	Wildfire Involving SDG&E Equipment	Microgrids	Tier 3	No	Microgrids	—				—	0				—	0	0	0	0	—	0 %	0 %	0 %	0 %	0 %
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal WMP MICROGRIDS**				**Yes**																					
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	WMP OPERATION MEGAPHONE	Wildfire Involving SDG&E Equipment	WMP OPERATION MEGAPHONE	N/A	No	The workpaper contains activities to enhance customer notification and increase capacity for customer notifications voice calling and text messaging to full-service territory. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																			
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal WMP OPERATION MEGAPHONE**				**Yes**																					

SDG&E WILDFIRE MITIGATION & VEGETATION MANAGEMENT Capital
Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Safety, Reliability, or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**				**Yes**									
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	ADVANCED PROTECTION	Wildfire Involving SDG&E Equipment	Advanced Protection	Tier 3	No	YES	YES	YES	Variance is driven by increased scope for Advanced Protection substation capital projects which incurred a much higher unit cost. Scope was also expanded to include Early Fault Detection project, which will deploy Power Quality Meters and advanced Radio Frequency (RF) Sensors in SDG&E electric substations and electric distribution circuits within the High Fire Threat District to enable the collection of time-series analog data used to detect incipient failures of electrical equipment and locate that failing equipment before it can cause significant damage.	Resource constraints at the end of 2024 caused reprioritization of construction to other projects and prevented completion of three projects in 2024.	Over (O)	Over (O)	Over (O)	Expanded
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal ADVANCED PROTECTION**				**Yes**	**YES**	**YES**							
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	ADVANCED WEATHER STATION INTEGRATION AND FORECAST	Wildfire Involving SDG&E Equipment	Advanced Weather Station Integration	N/A	No	YES	NO	YES	N/A	Project includes multi-spectral cameras, fuel moisture sensors and additional software upgrades and modifications. The unit variance is primarily driven by the limited Santa Ana events and lack of data that helps identify gaps in coverage which facilitates the install schedule and helps predict and monitor weather during extreme weather events.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal ADVANCED WEATHER STATION INTEGRATION AND FORECAST**				**Yes**	**YES**	**NO**							
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	WMP PRIVATE LTE	Wildfire Involving SDG&E Equipment	LTE Communication Network	N/A	No	YES	YES	YES	To further align WMP programs with funding totals authorized by SDG&E's GRC, SDG&E completed less base stations in an effort to realize cost efficiencies aligned with its GRC decision. This program has no direct impact to risk reduction and therefore will not change SDG&E's risk profile.	To further align WMP programs with funding totals authorized by SDG&E's GRC, SDG&E completed less base stations in an effort to realize cost efficiencies aligned with its GRC decision. This program has no direct impact to risk reduction and therefore will not change SDG&E's risk profile.	Under (U)	Under (U)	Under (U)	Other
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal WMP PRIVATE LTE**				**Yes**	**YES**	**YES**							

SDG&E WILDFIRE MITIGATION & VEGETATION MANAGEMENT Capital
Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Safety, Reliability, or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	AVIATION FIREFIGHTING PROGRAM	Wildfire Involving SDG&E Equipment	Aviation Firefighting Program	Tier 3	No	YES	YES	NO	Under forecasted spend due to deferral of Airbus helicopter purchase. 2024 spend includes spare parts and the Total Assurance Program (TAP) agreement with Sikorsky for the Firehawk helicopter and UAS purchases.	N/A	Under (U)	Under (U)	Under (U)	Deferred
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal AVIATION FIREFIGHTING PROGRAM**				**Yes**	**YES**	**YES**							
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	CNF FIRE HARDENING	Wildfire Involving SDG&E Equipment	Cleveland National Forest Fire Hardening T1-T2	Tier 3	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal CNF FIRE HARDENING**				**Yes**	**YES**	**NO**							
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	CORRECTIVE MAINTENANCE PROGRAM TIER 2&3	Wildfire Involving SDG&E Equipment	Transmission System Inspection	N/A	No	YES	NO	YES	N/A	Variance is attributed to the fact that Transmission CMP programs are compliance driven and forecast was based on historical needs rather than specifically planned projects. They are dynamic reactive programs remediating GO95 infractions discovered during routine mandated inspections. In addition, the Transmission reliability programs are proactive/risk mitigation driven and forecasted based on annual historical performance data, so a planned number of projects on any given year may fluctuate +/- a percentage based on a number of factors such as engineering performance, permitting durations, material lead times, construction crews availability, and canceled/delayed outage requests.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal CORRECTIVE MAINTENANCE PROGRAM TIER 2&3**				**Yes**	**YES**	**NO**							
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	DIGITAL FORTRESS	Foundational Technology Systems	Emergency Management Operations	N/A	No	YES	NO	NO	N/A	N/A	Over (O)	Over (O)	Over (O)	Expanded
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal DIGITAL FORTRESS**				**Yes**	**YES**	**NO**							

SDG&E WILDFIRE MITIGATION & VEGETATION MANAGEMENT Capital
Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Safety, Reliability, or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	DRONE INVESTIGATION ASSESMENT AND REPAIR	Wildfire Involving SDG&E Equipment	Distribution System Inspection Drone Inspections	Tier 2	No	YES	YES	YES	Repair work based on 2021 and 2022 inspections in the Tier 2 HFTD was anticipated to be completed by end of 2023 and ongoing inspections and repairs were expected to be significantly reduced in 2024 going forward. However, 2022 and 2023 work to repair defects identified during the 2021-2022 inspections were shifted into 2024 and later due to identifying significantly more scope than anticipated, engineering delays, resource constraints and material shortages. In addition, repair work associated with the ongoing inspections performed in 2023 and 2024 was higher than forecasted.	Repair work based on 2021 and 2022 inspections in the Tier 2 HFTD was anticipated to be completed by end of 2023 and ongoing inspections and repairs were expected to be significantly reduced in 2024 going forward. However, 2022 and 2023 work to repair defects identified during the 2021-2022 inspections were shifted into 2024 and later due to identifying significantly more scope than anticipated, engineering delays, resource constraints and material shortages. In addition, repair work associated with the ongoing inspections performed in 2023 and 2024 was higher than forecasted.	Over (O)	Over (O)	Over (O)	Other
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal DRONE INVESTIGATION ASSESMENT AND REPAIR**				**Yes**	**YES**	**YES**							
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	HFTD HOT LINE CLAMPS	Wildfire Involving SDG&E Equipment	Hotline Clamps	Tier 2	No	YES	NO	YES	N/A	Hotline clamp replacements are identified concurrently with lightning arrestor replacements and are required to support lightning arrestors, which is the driver for the volume of capital work performed in this program. The forecast had assumed performance of standalone hotline clamp jobs instead of the current process to bundle asset replacement work at a single pole, which includes hotline clamp work. This bundled approach is classified as a capital expense.	Over (O)	Over (O)	Over (O)	Other
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	HFTD HOT LINE CLAMPS	Wildfire Involving SDG&E Equipment	Hotline Clamps	Tier 3	No	YES	NO	YES	N/A	Hotline clamp replacements are identified concurrently with lightning arrestor replacements and are required to support lightning arrestors, which is the driver for the volume of capital work performed in this program. The forecast had assumed performance of standalone hotline clamp jobs instead of the current process to bundle asset replacement work at a single pole, which includes hotline clamp work. This bundled approach is classified as a capital expense.	Over (O)	Over (O)	Over (O)	Other
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal HFTD HOT LINE CLAMPS**				**Yes**	**YES**	**NO**							

SDG&E WILDFIRE MITIGATION & VEGETATION MANAGEMENT Capital
Balanced

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Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	WMP PSPS MOBILE AND ENS ENHANCEMENTS	Wildfire Involving SDG&E Equipment	Communication Practices	N/A	No	YES	NO	NO	N/A	N/A	Over (O)	Over (O)	Over (O)	Expanded
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal WMP PSPS MOBILE AND ENS ENHANCEMENTS**				**Yes**	**YES**	**NO**							
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	EMERGENCY MANAGEMENT OPERATIONS	Foundational Technology Systems	Emergency Management Operations	N/A	No	YES	NO	NO	N/A	N/A	Under (U)	Under (U)	Under (U)	Completed
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal EMERGENCY MANAGEMENT OPERATIONS**				**Yes**	**YES**	**NO**							
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	FIRE SCIENCE ENHANCEMENT (WRRM-OPS)	Wildfire Involving SDG&E Equipment	WRRM - OPS	N/A	No	YES	NO	NO	N/A	N/A	Under (U)	Under (U)	Under (U)	Other
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal FIRE SCIENCE ENHANCEMENT (WRRM-OPS)**				**Yes**	**YES**	**NO**							
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	HFTD EXPULSION FUSE REPLACEMENT	Wildfire Involving SDG&E Equipment	HFTD Expulsion Fuse Replacements	Tier 2	No	YES	NO	YES	N/A	Expulsion Fuse Replacements are identified concurrently with lightning arrestor replacements and are required to support lightning arrestors, which is the driver for the volume of work performed in this program. Additional work was carried over from 2023 due to a mid-2023 fuse shortage.	Over (O)	Over (O)	Over (O)	Expanded
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	HFTD EXPULSION FUSE REPLACEMENT	Wildfire Involving SDG&E Equipment	HFTD Expulsion Fuse Replacements	Tier 3	No	YES	NO	YES	N/A	Expulsion Fuse Replacements are identified concurrently with lightning arrestor replacements and are required to support lightning arrestors, which is the driver for the volume of work performed in this program. Additional work was carried over from 2023 due to a mid-2023 fuse shortage.	Over (O)	Over (O)	Over (O)	Expanded
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal HFTD EXPULSION FUSE REPLACEMENT**				**Yes**	**YES**	**NO**							
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	WMP VEGETATION MANAGEMENT SERVICE POWERW	Wildfire Involving SDG&E Equipment	WMP VEGETATION MANAGEMENT SERVICE POWERW	N/A	No	YES	NO	NO	N/A	N/A	Over (O)	Over (O)	Over (O)	Emergent
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal WMP VEGETATION MANAGEMENT SERVICE POWERW**				**Yes**	**YES**	**NO**							

SDG&E WILDFIRE MITIGATION & VEGETATION MANAGEMENT Capital
Balanced

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Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	HFTD SCADA CAPACITOR REPLACEMENT	Wildfire Involving SDG&E Equipment	SCADA Capacitors (HFTD Tier 2)	Tier 2	No	YES	NO	YES	N/A	Majority of the project was completed in 2023 with the last project completed in 2024 due to environmental constraints. All risk reduction was met in 2024 with completion of this program.	Under (U)	Under (U)	Under (U)	Completed
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal HFTD SCADA CAPACITOR REPLACEMENT**				**Yes**	**YES**	**NO**							
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	HFTD TRANSM. FIBER OPTICS	Wildfire Involving SDG&E Equipment	LTE Communication Network	N/A	No	YES	NO	YES	N/A	Completed less miles than anticipated due to outage constraints and contractor resources, expecting to complete remaining miles in 2025.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal HFTD TRANSM. FIBER OPTICS**				**Yes**	**YES**	**NO**							
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	HIGH RISK POLE REPLACEMENT PROGRAM HFTD	Wildfire Involving SDG&E Equipment	Strategic Pole Replacement Program (HFTD)	HFTD Tiers 2 & 3	No	YES	YES	YES	Fewer projects were issued to construction than authorized due to delayed engineering and design.	Fewer projects were issued to construction than authorized due to late start with engineering and design.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal HIGH RISK POLE REPLACEMENT PROGRAM HFTD**				**Yes**	**YES**	**YES**							
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	LIGHTNING ARRESTOR REPLACEMENT PROGRAM	Electric Infrastructure Integrity	Avian Protection Program	OH Distribution	No	YES	NO	YES	N/A	Avian Protection units are installed alongside lightning arrestor replacements, driving the program's volume of capital work. In 2024, authorized units were exceeded due to additional scope from configuration of poles identified during the lightning arrestor replacement program and necessary upgrades to bring poles up to standard.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned

SDG&E WILDFIRE MITIGATION & VEGETATION MANAGEMENT Capital
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Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	LIGHTNING ARRESTOR REPLACEMENT PROGRAM	Wildfire Involving SDG&E Equipment	Lightning Arrestor Removal/Replacement Program	Tier 2	No	YES	NO	YES	N/A	Authorized forecasts assumed installation of 1,848 lightning arrestors (924 structures with 2 lightning arrestors installed on each) with 90% in Tier 3 and 10% in Tier 2. Actual replacements were completed for only 705 structures with more work performed in Tier 2 versus Tier 3 based on operational workplan.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	LIGHTNING ARRESTOR REPLACEMENT PROGRAM	Wildfire Involving SDG&E Equipment	Lightning Arrestor Removal/Replacement Program	Tier 3	No	YES	NO	YES	N/A	Authorized forecasts assumed installation of 1,848 lightning arrestors (924 structures with 2 lightning arrestors installed on each) with 90% in Tier 3 and 10% in Tier 2. Actual replacements were completed for only 705 structures with more work performed in Tier 2 versus Tier 3 based on operational workplan.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal LIGHTNING ARRESTOR REPLACEMENT PROGRAM**				**Yes**	**YES**	**NO**							
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	OH SYSTEM COVERED CONDUCTOR	Wildfire Involving SDG&E Equipment	OH Dist Fire Hardening Covered Conductor	Tier 2	No	YES	YES	NO	More work was designed and issued to construction in Tier 2 than authorized in the 2024-2027 General Rate Case (GRC). The final GRC decision was issued in late December, which was too late in the year to adjust the workplan.	N/A	Under (U)	Under (U)	Under (U)	Other
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	OH SYSTEM COVERED CONDUCTOR	Wildfire Involving SDG&E Equipment	OH Dist Fire Hardening Covered Conductor	Tier 3	No	YES	YES	YES	Less work was designed and issued to construction in Tier 3 than authorized in the 2024-2027 General Rate Case (GRC). The final GRC decision was issued in late December of 2024, which was too late in the year to ramp-up Covered Conductor hardening work in Tier 3 due to challenges finalizing designs, acquiring land rights, permits, and materials.	Less work was designed and issued to construction in Tier 3 than authorized in the 2024-2027 General Rate Case (GRC). The finalGRC decision was issued in late December of 2024, which was too late in the year to ramp-up Covered Conductor hardening work in Tier 3 due to challenges finalizing designs, acquiring land rights, permits, and materials.	Under (U)	Under (U)	Under (U)	Deferred

SDG&E WILDFIRE MITIGATION & VEGETATION MANAGEMENT Capital
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Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal OH SYSTEM COVERED CONDUCTOR**				**Yes**	**YES**	**YES**							
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	OH SYSTEM TRADITIONAL HARDENING	Wildfire Involving SDG&E Equipment	OH Dist Fire Hardening Bare Conductor	Tier 3	No	YES	NO	YES	N/A	SDG&E has reevaluated the number of miles planned and has shifted to Covered Conductor scope which has higher risk reduction to phase out Traditional Hardening (Bare Conductor).	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	OH SYSTEM TRADITIONAL HARDENING	Wildfire Involving SDG&E Equipment	OH Dist Fire Hardening Bare Conductor	Tier 2	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal OH SYSTEM TRADITIONAL HARDENING**				**Yes**	**YES**	**NO**							
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	OVERHEAD TRANSMISSION FIRE HARDENING (DISTRIBUTION UNDERBUILD)	Wildfire Involving SDG&E Equipment	OH Trans Fire Hardening Dist Underbuild	Tier 2	No	YES	NO	YES	N/A	Variance driven by delays in design due to permitting for TL627, multiple re-designs due to overlapping distribution jobs and longer than anticipated design reviews for TL6910, material and permitting constraints for TL694, scope delays with TL691 still in planning and design stages.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	OVERHEAD TRANSMISSION FIRE HARDENING (DISTRIBUTION UNDERBUILD)	Wildfire Involving SDG&E Equipment	OH Trans Fire Hardening Dist Underbuild	Tier 3	No	YES	NO	YES	N/A	The forecasted units by tranche were allocated based on a high level percentage based on work anticipated in Tier 2 versus Tier 3. The variance is due to the target being determinal prior to actual project scope and no actual work was completed in Tier 3 in 2024.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal OVERHEAD TRANSMISSION FIRE HARDENING (DISTRIBUTION UNDERBUILD)**				**Yes**	**YES**	**YES**							

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Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	POLE REPLACEMENT AND REINFORCEMENT IN HFTD	Wildfire Involving SDG&E Equipment	Distribution System Inspection CMP 10 Year Intrusive T2	Tier 2	No	YES	NO	YES	N/A	Pole replacement forecasts are typically developed using an average, of sorts, for historical poles replaced resulting from any given inspection type. The repair work needed resulting from inspections is highly variable and there are often inconsistencies in the number of inspection findings year to year. In 2024, there were fewer pole replacements resulting from intrusive inspections than anticipated.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	POLE REPLACEMENT AND REINFORCEMENT IN HFTD	Wildfire Involving SDG&E Equipment	Distribution System Inspection CMP 5 Year Detailed Inspections T1-T2	Tier 2	No	YES	NO	YES	N/A	Pole replacement forecasts are typically developed using an average, of sorts, for historical poles replaced resulting from any given inspection type. The repair work needed resulting from inspections is highly variable and there are often inconsistencies in the number of inspection findings year to year. In 2024, there were fewer pole replacements resulting from detailed inspections than anticipated.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	POLE REPLACEMENT AND REINFORCEMENT IN HFTD	Wildfire Involving SDG&E Equipment	Distribution System Inspection CMP 5 Year Detailed Inspections T1-T2	Tier 3	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	POLE REPLACEMENT AND REINFORCEMENT IN HFTD	Wildfire Involving SDG&E Equipment	Distribution System Inspection CMP Annual Patrol T1-T2	Tier 2	No	YES	NO	YES	N/A	Pole replacement forecasts are typically developed using an average, of sorts, for historical poles replaced resulting from any given inspection type. The repair work needed resulting from inspections is highly variable and there are often inconsistencies in the number of inspection findings year to year. In 2024, there were more pole replacements resulting from patrol inspections than anticipated.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	POLE REPLACEMENT AND REINFORCEMENT IN HFTD	Wildfire Involving SDG&E Equipment	Distribution System Inspection CMP Annual Patrol T1-T2	Tier 3	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned

SDG&E WILDFIRE MITIGATION & VEGETATION MANAGEMENT Capital
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Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Safety, Reliability, or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	POLE REPLACEMENT AND REINFORCEMENT IN HFTD	Wildfire Involving SDG&E Equipment	Distribution System Inspection HFTD Tier 3 Inspections T1-T2	Tier 3	No	YES	NO	YES	N/A	Additional HFTD Tier 3 distribution pole inspections were conducted from 2010 through 2016 as a result of a settlement agreement adopted in D.10-04-047. In 2017, SDG&E decided to proactively continue the HFTD Tier 3 Quality Assessment/Quality Control (QA/QC) inspections as part of its regular inspection program. However, in an effort to implement risk-informed inspections, SDG&E discontinued the HFTD Tier 3 QA/QC inspections in its current form and is instead performing risk-informed drone inspections.	Under (U)	Under (U)	Under (U)	Canceled
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal POLE REPLACEMENT AND REINFORCEMENT IN HFTD**				**Yes**	**YES**	**NO**							
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	PSPP ALL HAZARDS & K2	Wildfire Involving SDG&E Equipment	PSPP ALL HAZARDS & K2	N/A	No	YES	YES	NO	Variance due to emergent need to implement the Public Safety Partner Portal and mobile app into a one-stop-shop solution for Partners to access All-hazard related information to implement All-hazard solutions, to automate notifications to Partners and facilitate reporting customization.	N/A	Over (O)	Over (O)	Over (O)	Emergent
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal PSPP ALL HAZARDS & K2**				**Yes**	**YES**	**YES**							
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	PUBLIC SAFETY POWER SHUTOFF (PSPS) ENGINEERING ENHANCEMENTS	Wildfire Involving SDG&E Equipment	PSPS Sectionalizing	Tier 2	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	PUBLIC SAFETY POWER SHUTOFF (PSPS) ENGINEERING ENHANCEMENTS	Wildfire Involving SDG&E Equipment	PSPS Sectionalizing	Tier 3	No	YES	NO	YES	N/A	Variance driven by completion of additional service restorer disconnect replacements, which were less costly than a typical PSPS switch installation. By replacing them, the SCADA team was able to test SCADA functionality of the service restorers which would be used during a PSPS event.	Over (O)	Over (O)	Over (O)	Expanded
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal PUBLIC SAFETY POWER SHUTOFF (PSPS) ENGINEERING ENHANCEMENTS**				**Yes**	**YES**	**NO**							
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	STRATEGIC UNDERGROUNDING	Wildfire Involving SDG&E Equipment	Strategic Undergrounding	Tier 2	No	YES	YES	YES	Spend and number of completed units were based on target of 125 miles for the year. The the final GRC decision was issued in late December 2024, which was too late in the year to adjust the workplan.	Spend and number of completed units were based on target of 125 miles for the year. The the final GRC decision was issued in late December 2024, which was too late in the year to adjust the workplan.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned

SDG&E WILDFIRE MITIGATION & VEGETATION MANAGEMENT Capital
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Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	STRATEGIC UNDERGROUNDING	Wildfire Involving SDG&E Equipment	Strategic Undergrounding	Tier 3	No	YES	YES	YES	Spend and number of completed units were based on target of 125 miles for the year. The the final GRC decision was issued in late December 2024, which was too late in the year to adjust the workplan.	Spend and number of completed units were based on target of 125 miles for the year. The the final GRC decision was issued in late December 2024, which was too late in the year to adjust the workplan.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal STRATEGIC UNDERGROUNDING**				**Yes**	**YES**	**YES**							
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	TWIN ENGINE MEDIUM LIFT HELICOPTER	Wildfire Involving SDG&E Equipment	Aviation Firefighting Program	Tier 3	No	YES	NO	NO	N/A	N/A	Over (O)	Over (O)	Over (O)	Expanded
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal TWIN ENGINE MEDIUM LIFT HELICOPTER**				**Yes**	**YES**	**NO**							
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	WILDFIRE AND CLIMATE RESILIENCE CENTER	Wildfire Involving SDG&E Equipment	Emergency Management Operations	N/A	No	YES	NO	NO	N/A	N/A	Over (O)	Over (O)	Over (O)	Expanded
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal WILDFIRE AND CLIMATE RESILIENCE CENTER**				**Yes**	**YES**	**NO**							
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	WIRELESS FAULT INDICATORS	Wildfire Involving SDG&E Equipment	Wireless Fault Indicators	Tier 2	No	YES	NO	YES	N/A	SDG&E discontinued this program due to manufacturer upgrades to the currently used fault indicators. The upgraded equipment requires additional communication requirements not currently employed. SDG&E utilizes SCADA devices and existing fault indicators to provide situational awareness and guide first responders to the likely location of a fault.	Under (U)	Under (U)	Under (U)	Canceled

SDG&E WILDFIRE MITIGATION & VEGETATION MANAGEMENT Capital
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Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Safety, Reliability, or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	WIRELESS FAULT INDICATORS	Wildfire Involving SDG&E Equipment	Wireless Fault Indicators	Tier 3	No	YES	NO	YES	N/A	SDG&E discontinued this program due to manufacturer upgrades to the currently used fault indicators. The upgraded equipment requires additional communication requirements not currently employed. SDG&E utilizes SCADA devices and existing fault indicators to provide situational awareness and guide first responders to the likely location of a fault.	Under (U)	Under (U)	Under (U)	Canceled
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal WIRELESS FAULT INDICATORS**				**Yes**	**YES**	**NO**							
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	WMP ADVANCED ANALYTICS	Wildfire Involving SDG&E Equipment	Centralized Repository for Data	N/A	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal WMP ADVANCED ANALYTICS**				**Yes**	**YES**	**NO**							
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	WMP ASSET AND WORK MANAGEMENT ANALYTICS	Wildfire Involving SDG&E Equipment	WMP ASSET AND WORK MANAGEMENT ANALYTICS	N/A	No	YES	NO	NO	N/A	N/A	Over (O)	Over (O)	Over (O)	Emergent
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal WMP ASSET AND WORK MANAGEMENT ANALYTICS**				**Yes**	**YES**	**NO**							
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	WMP ASSET INVESTMENT PRIORITIZATION	Asset Management	Asset Management	N/A	No	YES	NO	NO	N/A	N/A	Under (U)	Under (U)	Under (U)	Completed
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal WMP ASSET INVESTMENT PRIORITIZATION**				**Yes**	**YES**	**NO**							
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	WMP CENTRALIZED REPOSITORY FOR DATA	Wildfire Involving SDG&E Equipment	Centralized Repository for Data	N/A	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned

SDG&E WILDFIRE MITIGATION & VEGETATION MANAGEMENT Capital
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Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Safety, Reliability, or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal WMP CENTRALIZED REPOSITORY FOR DATA**				**Yes**	**YES**	**NO**							
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	WMP CIRCUIT RISK INDEX	Wildfire Involving SDG&E Equipment	Fire Science and Climate Adaptation Department	N/A	No	YES	NO	NO	N/A	N/A	Under (U)	Under (U)	Under (U)	Other
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal WMP CIRCUIT RISK INDEX**				**Yes**	**YES**	**NO**							
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	WMP MICROGRIDS	Wildfire Involving SDG&E Equipment	Microgrids	Tier 2	No	YES	NO	YES	N/A	Work on Drones, CWP 202480, was prioritized in 2024 to complete higher than anticipated scope of pole repairs and replacements associated with infractions identified during drone inspections. Off-grid power solutions work is now expected to resume in 2028.	Under (U)	Under (U)	Under (U)	Other
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	WMP MICROGRIDS	Wildfire Involving SDG&E Equipment	Microgrids	Tier 3	No	YES	YES	NO	Cameron Corners and Shelter Valley were originally forecasted to be completed and placed into service in 2022 and 2023, respectively. Due to scope delays, the in service dates for both projects were shifted beyond 2023. Costs reflect the removal and replacement of battery energy storage equipment and its associated below grade and above grade infrastructure and network technology for Cameron Corners, plus engineering, designing and construction of civil and site development grading work for Shelter Valley.	N/A	Over (O)	Over (O)	Over (O)	Other
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal WMP MICROGRIDS**				**Yes**	**YES**	**NO**							
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	WMP OPERATION MEGAPHONE	Wildfire Involving SDG&E Equipment	WMP OPERATION MEGAPHONE	N/A	No	YES	NO	NO	N/A	N/A	Over (O)	Over (O)	Over (O)	Emergent
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal WMP OPERATION MEGAPHONE**				**Yes**	**YES**	**NO**							

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Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Status Variance Explanation Required?	Status Variance Explanation	WP Activity Description	2024 GRC Testimony Location
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**				**Yes**				
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	ADVANCED PROTECTION	Wildfire Involving SDG&E Equipment	Advanced Protection	Tier 3	No	NO	N/A	This workpaper was included in the Grid Design and System Hardening GRC category within the Wildfire Mitigation and Vegetation Management witness area. This workpaper can also be mapped to Tracking ID WMP.463 and WMP.1195 in the 2023 WMP filing. The purpose of this project is to replace aging circuit breakers and/or obsolete electromechanical relays and to create a more comprehensive protection system with installation of Distribution Supervisory Control and Data Acquisition (SCADA). Substation improvements include the following: • Reconfiguration of 12kV circuit breakers and relays to meet reliability and safety standards. • Installation of Distribution SCADA. • Installation of new transformer bank relays. • Installation of new 12kV Bus Differential relays. • Installation of microprocessor feeder relays. Advanced Protection devices to enhance feeder protection, reduce fire risk, and enable opportunities include: • Falling conductor logic • Downed conductor detection (DCD) • Arc sensing technology (AST) • Advanced SGF (spike counting/adaptive set-point) • Remote event retrieval • Remote setting changes	SDG&E-13-2R-E JTW-119 to JTW-121 CWP 152590
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal ADVANCED PROTECTION**				**Yes**	**NO**			
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	ADVANCED WEATHER STATION INTEGRATION AND FORECAST	Wildfire Involving SDG&E Equipment	Advanced Weather Station Integration	N/A	No	NO	N/A	This workpaper was included in the Situational Awareness and Forecasting GRC category within the Wildfire Mitigation and Vegetation Management witness area. This workpaper can also be mapped to Tracking ID WMP.1430 in the 2023 WMP filing. The SDG&E Weather Station Network was originally developed and deployed in 2009 and weather stations are reaching end of life. The purpose of this project is to strategically enhance the Weather Network ensuring continuing operations of critical fire weather infrastructure. This project will continuously enhance the Weather Network to ensure a reliable flow of operationally critical fire weather information. This information will be fed into fire weather tools such as the Fire Potential Index (FPI) and the Santa Anna Wildfire Threat Index (SAWTI). This data is used for decision-making during emergency situations to mitigate fire and weather-related risks. The Weather Network will be upgraded by installing new weather stations capable of more frequent weather reads. Additionally, multi-spectral cameras, fuel moisture sensors, and additional capabilities will be integrated to help predict and monitor weather during extreme weather events.	SDG&E-13-2R-E JTW-98 to JTW-100 CWP 192470
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal ADVANCED WEATHER STATION INTEGRATION AND FORECAST**				**Yes**	**NO**			
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	WMP PRIVATE LTE	Wildfire Involving SDG&E Equipment	LTE Communication Network	N/A	No	NO	SDG&E is now forecasting to complete fewer stations over the GRC cycle than originally projected.	This workpaper was included in the Grid Design and System Hardening GRC category within the Wildfire Mitigation and Vegetation Management witness area. This workpaper can also be mapped to Tracking ID WMP.549 in the 2023 WMP filing. Existing wireless communications infrastructure is increasingly inadequate to meet the demand for greater volumes of data at high speed. Expanding the existing systems can provide coverage over a larger area but cannot meet the demand for high volume low latency data and control. To address this, SDG&E is implementing a private broadband wireless digital communications network. SDG&E is deploying a privately-owned LTE network using licensed radio frequency (RF) spectrum by means of the Distribution Communications Reliability Improvements (DCRI) program. This will enhance the overall reliability of SDG&E's communication network, which is critical for enabling fire prevention and public safety programs. SDG&E's communication network is foundational to many initiatives that demand reliable communication. The ability to reliably enable and disable sensitive settings, enable or disable reclosing, or even remotely operating a switch during a high-risk weather event demands reliable communication that the LTE network will provide. SDG&E's Falling Conductor Protection in particular relies on a robust communications network to operate successfully and 'falling conductor circuits will continue to be enabled as SDG&E's communication network comes online.	SDG&E-13-2R-E JTW-112 to JTW-114 CWP 198730
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal WMP PRIVATE LTE**				**Yes**	**NO**			

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Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Status Variance Explanation Required?	Status Variance Explanation	WP Activity Description	2024 GRC Testimony Location
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	AVIATION FIREFIGHTING PROGRAM	Wildfire Involving SDG&E Equipment	Aviation Firefighting Program	Tier 3	No	NO	N/A	This workpaper was included in the Grid Operations and Protocols GRC category within the Wildfire Mitigation and Vegetation Management witness area. This workpaper can also be mapped to Tracking ID WMP.557 in the 2023 WMP filing. Under certain conditions, a wildfire that is not suppressed may grow rapidly and uncontrollably and endanger public safety. Additionally, in the event of an simultaneous wildfire events fire agencies could divert aerial resources to fight wildfires outside of SDG&E's service territory. To mitigate this risk, the aviation firefighting program serves as a wildfire suppression resource to ensure aerial firefighting resources remain available in the region. To enhance SDG&E's aviation firefighting program, this budget code includes the purchase of a new Sikorsky S-70M Firehawk and the development of an aviation training area. The purpose of purchasing and equipping of a new Sikorsky S-70M Firehawk is to complete firefighting and heavy construction needs for SDG&E. The purpose of the "On the Rocks" Aviation Training Area is to train helicopter and UAS pilots.	SDG&E-13-2R-E JTW-145 to JTW-149 CWP 202770
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal AVIATION FIREFIGHTING PROGRAM**				**Yes**	**NO**			
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	CNF FIRE HARDENING	Wildfire Involving SDG&E Equipment	Cleveland National Forest Fire Hardening T1-T2	Tier 3	No	NO	N/A	This workpaper was included in the Grid Design and System Hardening GRC category within the Wildfire Mitigation and Vegetation Management witness area. This workpaper can also be mapped to Tracking ID WMP.1017 in the 2023 WMP filing. The Cleveland National Forest (CNF) Fire Hardening program hardened distribution electric infrastructure within CNF boundaries through replacing wood poles with steel poles, replacing aged conductor with new high-strength conductor, and associated upgrades. The CNF hardening projects were all completed in 2021 but environmental restoration costs will continue.	SDG&E-13-2R-E JTW-130 to JTW-132 CWP 81650
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal CNF FIRE HARDENING**				**Yes**	**NO**			
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	CORRECTIVE MAINTENANCE PROGRAM TIER 2&3	Wildfire Involving SDG&E Equipment	Transmission System Inspection	N/A	No	NO	N/A	This workpaper was included in the Asset Management and Inspections GRC category within the Wildfire Mitigation and Vegetation Management witness area. This workpaper can also be mapped to Tracking ID WMP.479 in the 2023 WMP filing. To meet SDG&E's obligation to serve by providing funding for the Corrective Maintenance Program (CMP) in areas designated as HFTD. To meet SDGE's obligation to serve and the safety requirements promulgated by CPUC G .O 95, A.B. 1890, A.B. 1017, etc., this project provides funds for several purposes, such as: 1. To maintain and restore transmission facilities. 2. To repair the system in the vent of disaster such as storm or fire 3. To provide funding for a pole restoration program for in-service transmission wood poles. 4. To provide funding for annual NERC and Tie Lines Assessments (TLA).	SDG&E-13-2R-E JTW-140 to JTW-141 CWP 201270
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal CORRECTIVE MAINTENANCE PROGRAM TIER 2&3**				**Yes**	**NO**			
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	DIGITAL FORTRESS	Foundational Technology Systems	Emergency Management Operations	N/A	No	NO	N/A	This workpaper was included in the Emergency Planning and Preparedness GRC category within the Wildfire Mitigation and Vegetation Management witness area. This workpaper can also be mapped to Tracking ID WMP.1008 in the 2023 WMP filing. The purpose of this project is to migrate Tier 1 EOC Applications and Dashboards to a cloud-based environment. EOC operations provide risk mitigation of wildfires, PSPS, and other weather-related events. Currently, applications used to make de-energization decisions are housed on-premise and are subject to network outages, leading to lost availability and performance issues. This project will establish DevOps processes and tools to reduce cycle time, improve quality, and reduce manual processes. The application code will be modernized to utilize the cloud environment so more efficiency can be gained. Reporting and analytics data will be decoupled with transactional data through a dedicated EOC data platform.	SDG&E-13-2R-E JTW-159 to JTW-161 CWP 218820
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal DIGITAL FORTRESS**				**Yes**	**NO**			

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Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Status Variance Explanation Required?	Status Variance Explanation	WP Activity Description	2024 GRC Testimony Location
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	DRONE INVESTIGATION ASSESMENT AND REPAIR	Wildfire Involving SDG&E Equipment	Distribution System Inspection Drone Inspections	Tier 2	No	NO	Repair work based on 2021 and 2022 inspections in the Tier 2 HFTD was anticipated to be completed by end of 2023 and ongoing inspections and repairs were expected to be significantly reduced in 2024 going forward. However, 2022 and 2023 work to repair defects identified during the 2021-2022 inspections were shifted into 2024 and later due to identifying significantly more scope than anticipated, engineering delays, resource constraints and material shortages. In addition, repair work associated with the ongoing inspections performed in 2023 and 2024 was higher than forecasted.	This workpaper was included in the Asset Management and Inspections GRC category within the Wildfire Mitigation and Vegetation Management witness area. This workpaper can also be mapped to Tracking ID WMP.552 in the 2023 WMP filing. SDG&E's Drone Investigation Assessment and Repair (DIAR) program performs drone inspections of SDG&E's overhead distribution infrastructure in the HFTD. These drone inspections provide high definition images of distribution infrastructure from vantage points that are not obtainable using traditional ground inspections. These images are processed through machine learning and reviewed by qualified electrical workers to find infractions. This budget code represents the repairs associated with correcting the infractions found during these inspections. These repairs include pole replacements and associated work that help ensure reliability and safety of the electric distribution system.	SDG&E-13-2R-E JTW-141 to JTW-145 CWP 202480
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal DRONE INVESTIGATION ASSESMENT AND REPAIR**				**Yes**	**NO**			
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	HFTD HOT LINE CLAMPS	Wildfire Involving SDG&E Equipment	Hotline Clamps	Tier 2	No	NO	Only O&M-related work was scoped for the 2024 GRC. Capital-related work is also being performed in this program as hotline clamp replacements are identified concurrently with lightning arrestor replacements and are required to support lightning arrestors.	This workpaper was included in the Grid Design and System Hardening GRC category within the Wildfire Mitigation and Vegetation Management witness area. This workpaper can also be mapped to Tracking ID WMP.464 in the 2023 WMP filing. SDG&E's grid hardening programs are a set of initiatives that address the goal of reducing wildfires caused by utility equipment and minimizing the impacts to customers from mitigations such as PSPS. SDG&E has a number of initiatives including covered conductor and strategic undergrounding that reduce risk events on utility equipment, reducing the opportunities for ignition. SDG&E has a number of protection and equipment programs such as advanced protection, the expulsion fuse replacement program, and the lightning arrestor program. These programs reduce the chance that a risk event results in an ignition by utilizing protection settings and/or equipment that address a specific failure mode known to lead to ignition. Finally, SDG&E has a number of programs with the purpose of reducing PSPS impacts to customers including the PSPS sectionalizing program, microgrid and generator programs, as well as strategic undergrounding. The impacts of these programs are measured in the number of customers who will have reduced impacts from PSPS events assuming weather conditions similar to previous events. The costs represented are the O&M costs associated with the capital grid hardening programs, and the costs associated with the fully O&M programs such as the generator programs.	SDG&E-13-2R-E JTW-48 to JTW-54 WP 1WM003.000
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	HFTD HOT LINE CLAMPS	Wildfire Involving SDG&E Equipment	Hotline Clamps	Tier 3	No	NO	Only O&M-related work was scoped for the 2024 GRC. Capital-related work is also being performed in this program as hotline clamp replacements are identified concurrently with lightning arrestor replacements and are required to support lightning arrestors.	This workpaper was included in the Grid Design and System Hardening GRC category within the Wildfire Mitigation and Vegetation Management witness area. This workpaper can also be mapped to Tracking ID WMP.464 in the 2023 WMP filing. SDG&E's grid hardening programs are a set of initiatives that address the goal of reducing wildfires caused by utility equipment and minimizing the impacts to customers from mitigations such as PSPS. SDG&E has a number of initiatives including covered conductor and strategic undergrounding that reduce risk events on utility equipment, reducing the opportunities for ignition. SDG&E has a number of protection and equipment programs such as advanced protection, the expulsion fuse replacement program, and the lightning arrestor program. These programs reduce the chance that a risk event results in an ignition by utilizing protection settings and/or equipment that address a specific failure mode known to lead to ignition. Finally, SDG&E has a number of programs with the purpose of reducing PSPS impacts to customers including the PSPS sectionalizing program, microgrid and generator programs, as well as strategic undergrounding. The impacts of these programs are measured in the number of customers who will have reduced impacts from PSPS events assuming weather conditions similar to previous events. The costs represented are the O&M costs associated with the capital grid hardening programs, and the costs associated with the fully O&M programs such as the generator programs.	SDG&E-13-2R-E JTW-48 to JTW-54 WP 1WM003.000
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal HFTD HOT LINE CLAMPS**				**Yes**	**NO**			

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Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Status Variance Explanation Required?	Status Variance Explanation	WP Activity Description	2024 GRC Testimony Location
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	WMP PSPS MOBILE AND ENS ENHANCEMENTS	Wildfire Involving SDG&E Equipment	Communication Practices	N/A	No	NO	N/A	This workpaper was included in the Stakeholder Cooperation and Community Engagement GRC category within the Wildfire Mitigation and Vegetation Management witness area. This workpaper can also be mapped to Tracking ID WMP.563 in the 2023 WMP filing. The purpose of the Enterprise Notification System (ENS) project is to enhance and update the functionality of the Emergency Notification System (ENS), a critical Tier 1 business operations application used in notifying customers of both planned and unplanned outages across the service territory. Updates to the ENS application are required to meet regulatory requirements by sending appropriate customer communications during PSPS events and supporting both internal and external reporting requirements.	SDG&E-13-2R-E JTW-163 to JTW-166 CWP 208900
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal WMP PSPS MOBILE AND ENS ENHANCEMENTS**				**Yes**	**NO**			
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	EMERGENCY MANAGEMENT OPERATIONS	Foundational Technology Systems	Emergency Management Operations	N/A	No	YES	This workpaper was completed and fully implemented in 2023.	WebEOC supports mission-critical functions in the Emergency Operations Centers (EOCs) of SoCal Gas, SDG&E and Gas Operations for tracking, managing and reporting incidents. Implemented more than eight years ago, WebEOC has fallen behind current information technology advancements and cannot be integrated with other mission critical systems such as GIS, HR, and Microsoft Active Directory, and is limited in its ability to expand and adapt to changing business, regulatory, and technical requirements. The Noggin core 2.0 system was implemented in 2020 to replace WebEOC for the Emergency Management group with the digitization of incident report forms, situational awareness dashboard, SMS/email notifications, and compliance reporting.	SDG&E-13-2R-E JTW-157 to JTW-159 CWP 218790
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal EMERGENCY MANAGEMENT OPERATIONS**				**Yes**	**YES**			
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	FIRE SCIENCE ENHANCEMENT (WRRM-OPS)	Wildfire Involving SDG&E Equipment	WRRM - OPS	N/A	No	YES	2024-2027 work scope will only consist of O&M costs associated with visualization and storage of various models. O&M costs are presented in WP 1WM002.000.	This workpaper was included in the Risk Assessment and Mapping GRC category within the Wildfire Mitigation and Vegetation Management witness area. This workpaper can also be mapped to Tracking ID WMP.450 and WMP .521 in the 2023 WMP filing. The purpose of this project is to develop new fire science technologies to increase the effectiveness of existing tools such as the Fire Potential Index (FPI) The modernization of existing tools is critical to daily operations and enhances efficiencies and increases reliability by reducing the number of required patrols following outages . This project, also called FireSafe 3.0, embodies a massive collaboration between SDG&E, academia, and private industry enabling efficient management and significant cutting-edge output from terabytes of data.	SDG&E-13-2R-E JTW-94 to JTW-97 CWP 192480
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal FIRE SCIENCE ENHANCEMENT (WRRM-OPS)**				**Yes**	**YES**			
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	HFTD EXPULSION FUSE REPLACEMENT	Wildfire Involving SDG&E Equipment	HFTD Expulsion Fuse Replacements	Tier 2	No	NO	N/A	This workpaper was included in the Grid Design and System Hardening GRC category within the Wildfire Mitigation and Vegetation Management witness area. This workpaper can also be mapped to Tracking ID WMP.459 in the 2023 WMP filing. This project will proactively replace at risk electric distribution cutout bodies and fuses in HFTD Tier 2 and Tier 3 with Cal Fire approved devices in order to reduce the risk of wildfire ignition. Infrastructure upgrades as required to facilitate these fuse changeouts may also be implemented. This work is pursuant to Wildfire Mitigation Plan (WMP) scoping.	SDG&E-13-2R-E JTW-118 to JTW-119 CWP 192420
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	HFTD EXPULSION FUSE REPLACEMENT	Wildfire Involving SDG&E Equipment	HFTD Expulsion Fuse Replacements	Tier 3	No	NO	N/A	This workpaper was included in the Grid Design and System Hardening GRC category within the Wildfire Mitigation and Vegetation Management witness area. This workpaper can also be mapped to Tracking ID WMP.459 in the 2023 WMP filing. This project will proactively replace at risk electric distribution cutout bodies and fuses in HFTD Tier 2 and Tier 3 with Cal Fire approved devices in order to reduce the risk of wildfire ignition. Infrastructure upgrades as required to facilitate these fuse changeouts may also be implemented. This work is pursuant to Wildfire Mitigation Plan (WMP) scoping.	SDG&E-13-2R-E JTW-118 to JTW-119 CWP 192420
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal HFTD EXPULSION FUSE REPLACEMENT**				**Yes**	**NO**			
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	WMP VEGETATION MANAGEMENT SERVICE POWERW	Wildfire Involving SDG&E Equipment	WMP VEGETATION MANAGEMENT SERVICE POWERW	N/A	No	NO	N/A	The workpaper contains activities to upgrade Vegetation Management Services (VMS) to deliver an automated environmental data update for Wood Pole Intrusive inspections and develop VMS Patrols and TCM workflows, and regulatory reporting mandates.	N/A
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal WMP VEGETATION MANAGEMENT SERVICE POWERW**				**Yes**	**NO**			

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Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	HFTD SCADA CAPACITOR REPLACEMENT	Wildfire Involving SDG&E Equipment	SCADA Capacitors (HFTD Tier 2)	Tier 2	No	NO	N/A	This workpaper was included in the Grid Design and System Hardening GRC category within the Wildfire Mitigation and Vegetation Management witness area. This workpaper can also be mapped to Tracking ID WMP.453 in the 2023 WMP filing. The purpose of this project is to replace existing non-SCADA capacitors with a more modern SCADA switchable capacitor or to remove non-SCADA capacitors if not required for voltage or reactive support . These modernized capacitors have a monitoring system to check for imbalances and isolate internal faults before they become catastrophic. In addition, SCADA capacitors have the capacity for remote isolation and monitoring of the system which provides additional situational awareness during extreme weather conditions. While this program will not reduce capacitor faults, the advanced protection equipment is designed to detect and isolate issues before a capacitor rupture occurs, reducing the failure mode most likely to lead to an ignition. SCADA line capacitors will send capacitor failures and fuse operation alerts to the electric control center. This will increase capacitor reliability, minimize downtime, and expedite repair work.	SDG&E-13-2R-E JTW-107 to JTW-108 CWP 202580
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal HFTD SCADA CAPACITOR REPLACEMENT**				**Yes**	**NO**			
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	HFTD TRANSM. FIBER OPTICS	Wildfire Involving SDG&E Equipment	LTE Communication Network	N/A	No	NO	N/A	This workpaper was included in the Grid Design and System Hardening GRC category within the Wildfire Mitigation and Vegetation Management witness area. This workpaper can also be mapped to Tracking ID WMP.549 in the 2023 WMP filing. This project provides funds for the installation, upgrade, and expansion of SDG&E's Fiber Optic communication system for Control & Protection of Transmission and Distribution lines, and automation in areas of High Fire Threat Districts (HFTD). Secure fiber optic communications is required for transporting large amount of high speed data throughput for Condition Based Maintenance (CBM), Wide Area Measurement and Control (Synchrophasors/Phasor Measurement), Video Security and Surveillance, Smart Grid technologies and IT network communications.	SDG&E-13-2R-E JTW-114 to JTW-115 CWP 191340
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal HFTD TRANSM. FIBER OPTICS**				**Yes**	**NO**			
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	HIGH RISK POLE REPLACEMENT PROGRAM HFTD	Wildfire Involving SDG&E Equipment	Strategic Pole Replacement Program (HFTD)	HFTD Tiers 2 & 3	No	NO	N/A	This workpaper was included in the Grid Design and System Hardening GRC category within the Wildfire Mitigation and Vegetation Management witness area. This workpaper can also be mapped to Tracking ID WMP.1189 in the 2023 WMP filing. The purpose of this project is to target high risk poles located throughout SDG&E service territory for replacement. This will continue SDG&E's efforts in hardening the system within the HFTD. Examples of poles this program will focus on will include but not be limited to, gas-treated poles (may be known as Cellon treatment), steel reinforced and poles that are set in concrete. These identified poles are also nearing the end of their useful life and are known to have a higher failure potential than average.	SDG&E-13-2R-E JTW-135 to JTW-137 CWP 222420
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal HIGH RISK POLE REPLACEMENT PROGRAM HFTD**				**Yes**	**NO**			
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	LIGHTNING ARRESTOR REPLACEMENT PROGRAM	Electric Infrastructure Integrity	Avian Protection Program	OH Distribution	No	NO	N/A	This workpaper was included in the Grid Design and System Hardening GRC category within the Wildfire Mitigation and Vegetation Management witness area. This workpaper can also be mapped to Tracking ID WMP.972 in the 2023 WMP filing. Lightning arrestors are installed on the distribution system throughout the service territory to protect electric power equipment from exceeding thermal insulation ratings in the event of surge voltages due to lightning strikes or other faults. The lightning arrestor enables a surge in the current to be diverted through the arrestor to a ground terminal and protect the insulation and conductors on the distribution system. The lightning arrestor replacement program utilizes new technology to reduce the risk of equipment-related failures and ignitions. Through this process, a new lightning arrestor standard product was introduced that received CAL FIRE approval. The purpose of this project is to replace outdated lightning arrestors with the CAL FIRE-approved lightning arrestors. Embedded within this budget code is also work related to avian protection. SDG&E will bundle these types of jobs together to avoid revisiting the same pole and causing multiple planned outages for customers. The avian protection program seeks to install avian protection equipment or otherwise rearrange distribution polas to prevent avian contact with energized conductor. This is in compliance with the Migratory Bird Treaty Act, Bald and Golden Eagle Protection Act, and codes defined by the California Department of Fish and Game. This will harden the system, reducing the risk of ignition associated with avian contact, improve reliability, and align with Avian Power Line Interaction Committee (APLIC) Guidelines.	SDG&E-13-2R-E JTW-122 to JTW-124 CWP 202820

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Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Status Variance Explanation Required?	Status Variance Explanation	WP Activity Description	2024 GRC Testimony Location
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	LIGHTNING ARRESTOR REPLACEMENT PROGRAM	Wildfire Involving SDG&E Equipment	Lightning Arrestor Removal/Replacement Program	Tier 2	No	NO	N/A	This workpaper was included in the Grid Design and System Hardening GRC category within the Wildfire Mitigation and Vegetation Management witness area. This workpaper can also be mapped to Tracking ID WMP.550 in the 2023 WMP filing. Lightning arrestors are installed on the distribution system throughout the service territory to protect electric power equipment from exceeding thermal insulation ratings in the event of surge voltages due to lightning strikes or other faults. The lightning arrestor enables a surge in the current to be diverted through the arrestor to a ground terminal and protect the insulation and conductors on the distribution system. The lightning arrestor replacement program utilizes new technology to reduce the risk of equipment-related failures and ignitions. Through this process, a new lightning arrestor standard product was introduced that received CAL FIRE approval. The purpose of this project is to replace outdated lightning arrestors with the CAL FIRE-approved lightning arrestors. Embedded within this budget code is also work related to avian protection. SDG&E will bundle these types of jobs together to avoid revisiting the same pole and causing multiple planned outages for customers. The avian protection program seeks to install avian protection equipment or otherwise rearrange distribution poles to prevent avian contact with energized conductor. This is in compliance with the Migratory Bird Treaty Act, Bald and Golden Eagle Protection Act, and codes defined by the California Department of Fish and Game. This will harden the system, reducing the risk of ignition associated with avian contact, improve reliability, and align with Avian Power Line Interaction Committee (APLIC) Guidelines.	SDG&E-13-2R-E JTW-122 to JTW-124 CWP 202820
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	LIGHTNING ARRESTOR REPLACEMENT PROGRAM	Wildfire Involving SDG&E Equipment	Lightning Arrestor Removal/Replacement Program	Tier 3	No	NO	N/A	This workpaper was included in the Grid Design and System Hardening GRC category within the Wildfire Mitigation and Vegetation Management witness area. This workpaper can also be mapped to Tracking ID WMP.550 in the 2023 WMP filing. Lightning arrestors are installed on the distribution system throughout the service territory to protect electric power equipment from exceeding thermal insulation ratings in the event of surge voltages due to lightning strikes or other faults. The lightning arrestor enables a surge in the current to be diverted through the arrestor to a ground terminal and protect the insulation and conductors on the distribution system. The lightning arrestor replacement program utilizes new technology to reduce the risk of equipment-related failures and ignitions. Through this process, a new lightning arrestor standard product was introduced that received CAL FIRE approval. The purpose of this project is to replace outdated lightning arrestors with the CAL FIRE-approved lightning arrestors. Embedded within this budget code is also work related to avian protection. SDG&E will bundle these types of jobs together to avoid revisiting the same pole and causing multiple planned outages for customers. The avian protection program seeks to install avian protection equipment or otherwise rearrange distribution poles to prevent avian contact with energized conductor. This is in compliance with the Migratory Bird Treaty Act, Bald and Golden Eagle Protection Act, and codes defined by the California Department of Fish and Game. This will harden the system, reducing the risk of ignition associated with avian contact, improve reliability, and align with Avian Power Line Interaction Committee (APLIC) Guidelines.	SDG&E-13-2R-E JTW-122 to JTW-124 CWP 202820
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal LIGHTNING ARRESTOR REPLACEMENT PROGRAM**				**Yes**	**NO**			
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	OH SYSTEM COVERED CONDUCTOR	Wildfire Involving SDG&E Equipment	OH Dist Fire Hardening Covered Conductor	Tier 2	No	NO	SDG&E is now forecasting to complete less miles over the GRC cycle than originally projected.	This workpaper was included in the Grid Design and System Hardening GRC category within the Wildfire Mitigation and Vegetation Management witness area. This workpaper can also be mapped to Tracking ID WMP.455 in the 2023 WMP filing. The Electric System Hardening (ESH) Overhead (OH) Covered Conductor program is focused on hardening SDG&E's overhead distribution facilities within the High Fire Threat District (HFTD) Tier 3, Tier 2, and the Wildland Urban Interface (WUI) by implementing long-term solutions focused on significant reduction of both the fire risk and impact to the public due to Public Safety Power Shutoff (PSPS) events. The primary objective of this program encompasses the rebuilding of the distribution system in fire prone areas with covered primary conductors. The priority and scope of the projects will be dictated by full circuit analysis using the Wildfire Next Generation System (WiNGS) model, and input gathered from operational teams.	SDG&E-13-2R-E JTW-109 to JTW-111 CWP 202850
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	OH SYSTEM COVERED CONDUCTOR	Wildfire Involving SDG&E Equipment	OH Dist Fire Hardening Covered Conductor	Tier 3	No	NO	N/A	This workpaper was included in the Grid Design and System Hardening GRC category within the Wildfire Mitigation and Vegetation Management witness area. This workpaper can also be mapped to Tracking ID WMP.455 in the 2023 WMP filing. The Electric System Hardening (ESH) Overhead (OH) Covered Conductor program is focused on hardening SDG&E's overhead distribution facilities within the High Fire Threat District (HFTD) Tier 3, Tier 2, and the Wildland Urban Interface (WUI) by implementing long-term solutions focused on significant reduction of both the fire risk and impact to the public due to Public Safety Power Shutoff (PSPS) events. The primary objective of this program encompasses the rebuilding of the distribution system in fire prone areas with covered primary conductors. The priority and scope of the projects will be dictated by full circuit analysis using the Wildfire Next Generation System (WiNGS) model, and input gathered from operational teams.	SDG&E-13-2R-E JTW-109 to JTW-111 CWP 202850

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Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Status Variance Explanation Required?	Status Variance Explanation	WP Activity Description	2024 GRC Testimony Location
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal OH SYSTEM COVERED CONDUCTOR**				**Yes**	**NO**			
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	OH SYSTEM TRADITIONAL HARDENING	Wildfire Involving SDG&E Equipment	OH Dist Fire Hardening Bare Conductor	Tier 3	No	NO	N/A	This workpaper was included in the Grid Design and System Hardening GRC category within the Wildfire Mitigation and Vegetation Management witness area. This workpaper can also be mapped to Tracking ID WMP.475 in the 2023 WMP filing. The Electric System Hardening (ESH) Overhead (OH) Traditional Hardening program is focused on hardening SDG&E's overhead distribution facilities within the HFTD Tier 3, Tier 2, and the WUI by implementing long-term solutions focused on significant reduction of both the fire risk and impact to the public due to PSPS events. The primary objective of this program encompasses the rebuilding of the distribution system in fire prone areas with new, stronger bare primary conductors. The priority and scope of the projects will be dictated by full circuit analysis using the WiNGS model, and input gathered from operational teams.	SDG&E-13-2R-E JTW-115 to JTW-117 CWP 202840
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	OH SYSTEM TRADITIONAL HARDENING	Wildfire Involving SDG&E Equipment	OH Dist Fire Hardening Bare Conductor	Tier 2	No	NO	N/A	This workpaper was included in the Grid Design and System Hardening GRC category within the Wildfire Mitigation and Vegetation Management witness area. This workpaper can also be mapped to Tracking ID WMP.475 in the 2023 WMP filing. The Electric System Hardening (ESH) Overhead (OH) Traditional Hardening program is focused on hardening SDG&E's overhead distribution facilities within the HFTD Tier 3, Tier 2, and the WUI by implementing long-term solutions focused on significant reduction of both the fire risk and impact to the public due to PSPS events. The primary objective of this program encompasses the rebuilding of the distribution system in fire prone areas with new, stronger bare primary conductors. The priority and scope of the projects will be dictated by full circuit analysis using the WiNGS \ model, and input gathered from operational teams.	SDG&E-13-2R-E JTW-115 to JTW-117 CWP 202840
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal OH SYSTEM TRADITIONAL HARDENING**				**Yes**	**NO**			
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	OVERHEAD TRANSMISSION FIRE HARDENING (DISTRIBUTION UNDERBUILD)	Wildfire Involving SDG&E Equipment	OH Trans Fire Hardening Dist Underbuild	Tier 2	No	NO	N/A	This workpaper was included in the Grid Design and System Hardening GRC category within the Wildfire Mitigation and Vegetation Management witness area. This workpaper can also be mapped to Tracking ID WMP.545 in the 2023 WMP filing. Overhead Transmission Fire Hardening is replacing select existing wood poles with new steel poles and replacing aging conductor with new high-strength conductor to fire harden the electric transmission system. These pole and conductor replacements are part of an overall effort to help improve the reliability and integrity of the electric transmission system and to mitigate future potential fire risk. This project will improve the electric transmission system performance during extreme weather conditions such as Santa Ana wind events. When these transmission poles are replaced, the distribution facilities on the pole will need to be replaced or relocated onto the new pole.	SDG&E-13-2R-E JTW-127 to JTW-128 CWP 141400
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	OVERHEAD TRANSMISSION FIRE HARDENING (DISTRIBUTION UNDERBUILD)	Wildfire Involving SDG&E Equipment	OH Trans Fire Hardening Dist Underbuild	Tier 3	No	YES	The authorized scope of work by tranche was allocated based on a high level percentage of work anticipated in Tier 2 versus Tier 3. The actual work completed in 2024 only consisted of Tier 2 scope.	This workpaper was included in the Grid Design and System Hardening GRC category within the Wildfire Mitigation and Vegetation Management witness area. This workpaper can also be mapped to Tracking ID WMP.545 in the 2023 WMP filing. Overhead Transmission Fire Hardening is replacing select existing wood poles with new steel poles and replacing aging conductor with new high-strength conductor to fire harden the electric transmission system. These pole and conductor replacements are part of an overall effort to help improve the reliability and integrity of the electric transmission system and to mitigate future potential fire risk. This project will improve the electric transmission system performance during extreme weather conditions such as Santa Ana wind events. When these transmission poles are replaced, the distribution facilities on the pole will need to be replaced or relocated onto the new pole.	SDG&E-13-2R-E JTW-127 to JTW-128 CWP 141400
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal OVERHEAD TRANSMISSION FIRE HARDENING (DISTRIBUTION UNDERBUILD)**				**Yes**	**NO**			

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Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Status Variance Explanation Required?	Status Variance Explanation	WP Activity Description	2024 GRC Testimony Location
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	POLE REPLACEMENT AND REINFORCEMENT IN HFTD	Wildfire Involving SDG&E Equipment	Distribution System Inspection CMP 10 Year Intrusive T2	Tier 2	No	NO	N/A	This workpaper was included in the Asset Management and Inspections GRC category within the Wildfire Mitigation and Vegetation Management witness area. This workpaper can also be mapped to Tracking ID WMP.483 in the 2023 WMP filing. Short and long term deterioration of equipment can increase the likelihood of asset failure and cause potential risk, including injury, to the public, contractors, and employees. This program is mandated per GO 165 and non-compliance poses risk of regulatory action, including fines. All electric distribution facilities are visually patrolled on an annual basis in urban and rural areas, and inspected in detail every three, five, or ten years depending on equipment type. Conditions found during these inspections may require repair or replacement of equipment that is no longer serviceable. The costs included within this workpaper are the capital pole replacements/reinforcements completed as a result of the various asset inspection programs discussed in 1WM004.	SDG&E-13-2R-E JTW-138 to JTW-139 CWP 02390
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	POLE REPLACEMENT AND REINFORCEMENT IN HFTD	Wildfire Involving SDG&E Equipment	Distribution System Inspection CMP 5 Year Detailed Inspections T1-T2	Tier 2	No	NO	N/A	This workpaper was included in the Asset Management and Inspections GRC category within the Wildfire Mitigation and Vegetation Management witness area. This workpaper can also be mapped to Tracking ID WMP.478 in the 2023 WMP filing. Short and long term deterioration of equipment can increase the likelihood of asset failure and cause potential risk, including injury, to the public, contractors, and employees. This program is mandated per GO 165 and non-compliance poses risk of regulatory action, including fines. All electric distribution facilities are visually patrolled on an annual basis in urban and rural areas, and inspected in detail every three, five, or ten years depending on equipment type. Conditions found during these inspections may require repair or replacement of equipment that is no longer serviceable. The costs included within this workpaper are the capital pole replacements/reinforcements completed as a result of the various asset inspection programs discussed in 1WM004.	SDG&E-13-2R-E JTW-138 to JTW-139 CWP 02390
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	POLE REPLACEMENT AND REINFORCEMENT IN HFTD	Wildfire Involving SDG&E Equipment	Distribution System Inspection CMP 5 Year Detailed Inspections T1-T2	Tier 3	No	NO	N/A	This workpaper was included in the Asset Management and Inspections GRC category within the Wildfire Mitigation and Vegetation Management witness area. This workpaper can also be mapped to Tracking ID WMP.478 in the 2023 WMP filing. Short and long term deterioration of equipment can increase the likelihood of asset failure and cause potential risk, including injury, to the public, contractors, and employees. This program is mandated per GO 165 and non-compliance poses risk of regulatory action, including fines. All electric distribution facilities are visually patrolled on an annual basis in urban and rural areas, and inspected in detail every three, five, or ten years depending on equipment type. Conditions found during these inspections may require repair or replacement of equipment that is no longer serviceable. The costs included within this workpaper are the capital pole replacements/reinforcements completed as a result of the various asset inspection programs discussed in 1WM004.	SDG&E-13-2R-E JTW-138 to JTW-139 CWP 02390
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	POLE REPLACEMENT AND REINFORCEMENT IN HFTD	Wildfire Involving SDG&E Equipment	Distribution System Inspection CMP Annual Patrol T1-T2	Tier 2	No	NO	N/A	This workpaper was included in the Asset Management and Inspections GRC category within the Wildfire Mitigation and Vegetation Management witness area. This workpaper can also be mapped to Tracking ID WMP.488 in the 2023 WMP filing. Short and long term deterioration of equipment can increase the likelihood of asset failure and cause potential risk, including injury, to the public, contractors, and employees. This program is mandated per GO 165 and non-compliance poses risk of regulatory action, including fines. All electric distribution facilities are visually patrolled on an annual basis in urban and rural areas, and inspected in detail every three, five, or ten years depending on equipment type. Conditions found during these inspections may require repair or replacement of equipment that is no longer serviceable. The costs included within this workpaper are the capital pole replacements/reinforcements completed as a result of the various asset inspection programs discussed in 1WM004.	SDG&E-13-2R-E JTW-138 to JTW-139 CWP 02390
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	POLE REPLACEMENT AND REINFORCEMENT IN HFTD	Wildfire Involving SDG&E Equipment	Distribution System Inspection CMP Annual Patrol T1-T2	Tier 3	No	NO	N/A	This workpaper was included in the Asset Management and Inspections GRC category within the Wildfire Mitigation and Vegetation Management witness area. This workpaper can also be mapped to Tracking ID WMP.488 in the 2023 WMP filing. Short and long term deterioration of equipment can increase the likelihood of asset failure and cause potential risk, including injury, to the public, contractors, and employees. This program is mandated per GO 165 and non-compliance poses risk of regulatory action, including fines. All electric distribution facilities are visually patrolled on an annual basis in urban and rural areas, and inspected in detail every three, five, or ten years depending on equipment type. Conditions found during these inspections may require repair or replacement of equipment that is no longer serviceable. The costs included within this workpaper are the capital pole replacements/reinforcements completed as a result of the various asset inspection programs discussed in 1WM004.	SDG&E-13-2R-E JTW-138 to JTW-139 CWP 02390

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Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	POLE REPLACEMENT AND REINFORCEMENT IN HFTD	Wildfire Involving SDG&E Equipment	Distribution System Inspection HFTD Tier 3 Inspections T1-T2	Tier 3	No	NO	N/A	This workpaper was included in the Asset Management and Inspections GRC category within the Wildfire Mitigation and Vegetation Management witness area. This workpaper can also be mapped to Tracking ID WMP.551 in the 2023 WMP filing. Short and long term deterioration of equipment can increase the likelihood of asset failure and cause potential risk, including injury, to the public, contractors, and employees. This program is mandated per GO 165 and non-compliance poses risk of regulatory action, including fines. All electric distribution facilities are visually patrolled on an annual basis in urban and rural areas, and inspected in detail every three, five, or ten years depending on equipment type. Conditions found during these inspections may require repair or replacement of equipment that is no longer serviceable. The costs included within this workpaper are the capital pole replacements/reinforcements completed as a result of the various asset inspection programs discussed in 1WM004.	SDG&E-13-2R-E JTW-138 to JTW-139 CWP 02390
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal POLE REPLACEMENT AND REINFORCEMENT IN HFTD**				**Yes**	**NO**			
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	PSPP ALL HAZARDS & K2	Wildfire Involving SDG&E Equipment	PSPP ALL HAZARDS & K2	N/A	No	NO	N/A	The workpaper contains activities to implement and evolve the Public Safety Partner Portal and mobile app into a one-stop-shop solution for Partners to access All-hazard related information to implement All-hazard solutions.	N/A
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal PSPP ALL HAZARDS & K2**				**Yes**	**NO**			
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	PUBLIC SAFETY POWER SHUTOFF (PSPS) ENGINEERING ENHANCEMENTS	Wildfire Involving SDG&E Equipment	PSPS Sectionalizing	Tier 2	No	NO	N/A	This workpaper was included in the Grid Design and System Hardening GRC category within the Wildfire Mitigation and Vegetation Management witness area. This workpaper can also be mapped to Tracking ID WMP.461 in the 2023 WMP filing The purpose of this project is to add distribution sectionalizing devices in the HFTD to minimize customer impacts during PSPS events. Additional sectionalizing devices allow for the use of PSPS to be targeted to only the areas with extreme weather conditions, minimizing the number of customers impacted by PSPS. Communication infrastructure includes site-specific designs and procurement of engineered steel poles and material, siting surveys, land rights, environmental analysis, community outreach, and community planning. This project will allow for the implementation of a private LTE network that can be expanded in stages , as needed, to provide communications capability in traditionally difficult to reach locations.	SDG&E-13-2R-E JTW-129 to JTW-130 CWP 192450
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	PUBLIC SAFETY POWER SHUTOFF (PSPS) ENGINEERING ENHANCEMENTS	Wildfire Involving SDG&E Equipment	PSPS Sectionalizing	Tier 3	No	NO	N/A	This workpaper was included in the Grid Design and System Hardening GRC category within the Wildfire Mitigation and Vegetation Management witness area. This workpaper can also be mapped to Tracking ID WMP.461 in the 2023 WMP filing. The purpose of this project is to add distribution sectionalizing devices in the HFTD to minimize customer impacts during PSPS events. Additional sectionalizing devices allow for the use of PSPS to be targeted to only the areas with extreme weather conditions, minimizing the number of customers impacted by PSPS.	SDG&E-13-2R-E JTW-129 to JTW-130 CWP 192450
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal PUBLIC SAFETY POWER SHUTOFF (PSPS) ENGINEERING ENHANCEMENTS**				**Yes**	**NO**			
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	STRATEGIC UNDERGROUNDING	Wildfire Involving SDG&E Equipment	Strategic Undergrounding	Tier 2	No	NO	N/A	This workpaper was included in the Grid Design and System Hardening GRC category within the Wildfire Mitigation and Vegetation Management witness area. This workpaper can also be mapped to Tracking ID WMP.473 in the 2023 WMP filing. Reduce the risk of wildfire, PSPS, and overhead distribution infrastructure failures caused by foreign object contact, wind, extreme weather conditions, and other external triggers by converting overhead infrastructure to underground. The project will install new underground electric distribution facilities, and remove from service existing overhead electric facilities.	SDG&E-13-2R-E JTW-132 to JTW-135 CWP 192460

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Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	STRATEGIC UNDERGROUNDING	Wildfire Involving SDG&E Equipment	Strategic Undergrounding	Tier 3	No	NO	N/A	This workpaper was included in the Grid Design and System Hardening GRC category within the Wildfire Mitigation and Vegetation Management witness area. This workpaper can also be mapped to Tracking ID WMP.473 in the 2023 WMP filing. Reduce the risk of wildfire, PSPS, and overhead distribution infrastructure failures caused by foreign object contact, wind, extreme weather conditions, and other external triggers by converting overhead infrastructure to underground. The project will install new underground electric distribution facilities, and remove from service existing overhead electric facilities.	SDG&E-13-2R-E JTW-132 to JTW-135 CWP 192460
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal STRATEGIC UNDERGROUNDING**				**Yes**	**NO**			
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	TWIN ENGINE MEDIUM LIFT HELICOPTER	Wildfire Involving SDG&E Equipment	Aviation Firefighting Program	Tier 3	No	NO	N/A	This workpaper was included in the Grid Operations and Protocols GRC category within the Wildfire Mitigation and Vegetation Management witness area. This workpaper can also be mapped to Tracking ID WMP.557 in the 2023 WMP filing. The Bell 412 helicopter is a twin-engine medium lift helicopter that provides an increase in lifting capability for construction-related loads. The Bell 412 will be outfitted with equipment necessary for firefighting capabilities.	SDG&E-13-2R-E JTW-150 to JTW-152 CWP 212560
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal TWIN ENGINE MEDIUM LIFT HELICOPTER**				**Yes**	**NO**			
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	WILDFIRE AND CLIMATE RESILIENCE CENTER	Wildfire Involving SDG&E Equipment	Emergency Management Operations	N/A	No	NO	N/A	This workpaper was included in the Emergency Planning and Preparedness GRC category within the Wildfire Mitigation and Vegetation Management witness area. This workpaper can also be mapped to Tracking ID WMP.1008 in the 2023 WMP filing. Rapidly changing climate conditions are changing the way we maintain and operate the electric system, and the WCRC will be a physical space that is committed to the climate resilience of our organization and the communities we serve. This includes housing the Wildfire Science and Innovation Lab which collaborates with academia to advance climate science, and this will also be a resilience center focused on fostering community partnerships and educating stakeholders in the wildfire and climate community. This facility will also serve as a great venue to train SDG&E employees on the importance of wildfire safety, emergency preparedness, sustainability and climate resilience. Importantly, this space will also house the primary EOC for the organization and will be the central response hub for the organization when emergencies occur. Lastly, this will serve as a centralized workspace for all employees working in Wildfire Mitigation, Emergency Management, Fire Science and Climate Adaptation, increasing employee collaboration and innovation in this space.	SDG&E-13-2R-E JTW-161 to JTW-163 CWP 197800
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal WILDFIRE AND CLIMATE RESILIENCE CENTER**				**Yes**	**NO**			
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	WIRELESS FAULT INDICATORS	Wildfire Involving SDG&E Equipment	Wireless Fault Indicators	Tier 2	No	NO	N/A	This workpaper was included in the Situational Awareness and Forecasting GRC category within the Wildfire Mitigation and Vegetation Management witness area. This workpaper can also be mapped to Tracking ID WMP.449 in the 2023 WMP filing. The purpose of this program is to install Wireless Fault Indicators (WFIs) which will be used to monitor overhead and underground lines and locate faults more efficiently and accurately . WFIs, typically mounted on conductors or in underground vaults, cause a state change on a mechanical target flag, LED, or remote indication device that indicates a fault on the system. When coupled with the On-Ramp Wireless system, the WFI will communicate information to distribution system operators. This allows the operators to dispatch electric troubleshooters closer to the exact fault location to more quickly identify and isolate the fault and begin service restorations. This program helps to improve reliability and find faults on the system more quickly, minimizing the consequence of a fire should it occur. Deploying new network devices throughout the HFTD will strengthen and modernize Low Power Communication Network (LPCN) coverage and reliability.	SDG&E-13-2R-E JTW-100 to JTW-102 CWP 112530

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Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	WIRELESS FAULT INDICATORS	Wildfire Involving SDG&E Equipment	Wireless Fault Indicators	Tier 3	No	NO	N/A	This workpaper was included in the Situational Awareness and Forecasting GRC category within the Wildfire Mitigation and Vegetation Management witness area. This workpaper can also be mapped to Tracking ID WMP.449 in the 2023 WMP filing. The purpose of this program is to install Wireless Fault Indicators (WFIs) which will be used to monitor overhead and underground lines and locate faults more efficiently and accurately . WFIs, typically mounted on conductors or in underground vaults, cause a state change on a mechanical target flag, LED, or remote indication device that indicates a fault on the system. When coupled with the On-Ramp Wireless system, the WFI will communicate information to distribution system operators. This allows the operators to dispatch electric troubleshooters closer to the exact fault location to more quickly identify and isolate the fault and begin service restorations. This program helps to improve reliability and find faults on the system more quickly, minimizing the consequence of a fire should it occur. Deploying new network devices throughout the HFTD will strengthen and modernize Low Power Communication Network (LPCN) coverage and reliability.	SDG&E-13-2R-E JTW-100 to JTW-102 CWP 112530
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal WIRELESS FAULT INDICATORS**				**Yes**	**YES**			
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	WMP ADVANCED ANALYTICS	Wildfire Involving SDG&E Equipment	Centralized Repository for Data	N/A	No	NO	N/A	This workpaper was included in the Data Governance GRC category within the Wildfire Mitigation and Vegetation Management witness area. This workpaper can also be mapped to Tracking ID WMP.519 in the 2023 WMP filing. The purpose of the WMP Advanced Analytics project is to increase the capacity and skills to enable and develop advanced analytics and predictive use cases to support ongoing WMP and Risk Management initiatives. This project includes the build out of a data lake and machine learning pipeline to leverage readily-available cloud machine learning and artificial intelligence capabilities.	SDG&E-13-2R-E JTW-154 to JTW-155 CWP 218840
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal WMP ADVANCED ANALYTICS**				**Yes**	**NO**			
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	WMP ASSET AND WORK MANAGEMENT ANALYTICS	Wildfire Involving SDG&E Equipment	WMP ASSET AND WORK MANAGEMENT ANALYTICS	N/A	No	NO	N/A	The workpaper contains activities to integrate asset, risk event, outage, and maintenance and inspection data including build consolidated views, data catalogues, data cleansing and data governance for asset data.	N/A
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal WMP ASSET AND WORK MANAGEMENT ANALYTICS**				**Yes**	**NO**			
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	WMP ASSET INVESTMENT PRIORITIZATION	Asset Management	Asset Management	N/A	No	NO	N/A	This workpaper was included in the Data Governance GRC category within the Wildfire Mitigation and Vegetation Management witness area. This workpaper can also be mapped to Tracking ID WMP.523 in the 2023 WMP filing. The current Asset Investment Planning tool (REVEAL) has reached the end of its useful life therefore this project is to replace REVEAL and implement a consistent value-based decision model approach, and in alignment with the Company's strategic plan using Copperleaf's Asset Investment Planning and Management (AIPM) tool, which will utilize the enterprise-level value framework to optimize the capital project portfolio for Electric Transmission , Substations, and Distribution.	SDG&E-13-2R-E JTW-155 to JTW-157 CWP 218770
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal WMP ASSET INVESTMENT PRIORITIZATION**				**Yes**	**NO**			
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	WMP CENTRALIZED REPOSITORY FOR DATA	Wildfire Involving SDG&E Equipment	Centralized Repository for Data	N/A	No	NO	N/A	This workpaper was included in the Data Governance GRC category within the Wildfire Mitigati	SDG&E-13-2R-E JTW-152 to JTW-154 CWP 208910

SDG&E WILDFIRE MITIGATION & VEGETATION MANAGEMENT Capital
Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Status Variance Explanation Required?	Status Variance Explanation	WP Activity Description	2024 GRC Testimony Location
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal WMP CENTRALIZED REPOSITORY FOR DATA**				**Yes**	**NO**			
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	WMP CIRCUIT RISK INDEX	Wildfire Involving SDG&E Equipment	Fire Science and Climate Adaptation Department	N/A	No	YES	SDG&E's Circuit Risk Index (CRI) model evolved into the WiNGS cloud-based risk models, WiNGS-Planning and WiNGS-Ops Visualization Platforms and advanced analytics to advance WMP reporting. These costs will be incurred in the GRC workpapers CWP 218840 and CWP 208910.	The purpose of this project is to develop new machine learning models to predict failures and ignitions for different asset types and drivers of ignitions. The models developed in this project will be used to inform both operational and long-term decision making. The purpose of this project is to develop new machine learning models to predict failures and ignitions for different asset types and drivers of ignitions. The models developed in this project will be used to inform both operational and long-term decision making. Several models will be developed for different asset types (poles, conductors, transformers, etc.) as well as other ignition drivers (vegetation, vehicle, balloon contact, etc.). These models will then be aggregated up to a single model such as WiNGS and/or WiNGS-Ops as an enhancement to those tools. In addition to model development, there will be an effort to run these models in the cloud to enable more dynamic updates to these models.	SDG&E-13-2R-E JTW-102 to JTW-103 CWP 208770
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal WMP CIRCUIT RISK INDEX**				**Yes**	**YES**			
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	WMP MICROGRIDS	Wildfire Involving SDG&E Equipment	Microgrids	Tier 2	No	NO	SDG&E is now forecasting to complete fewer microgrid projects over the GRC cycle than originally projected.	This workpaper was included in the Grid Design and System Hardening GRC category within the Wildfire Mitigation and Vegetation Management witness area. This workpaper can also be mapped to Tracking ID WMP.462 in the 2023 WMP filing. The purpose of this project is to increase renewable back-up power infrastructure by building microgrids that can keep customers energized during PSPS events. Microgrids are constructed using solar generation and battery storage to enable the local critical infrastructure to stay energized during PSPS events.	SDG&E-13-2R-E JTW-124 to JTW-127 CWP 192490
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	WMP MICROGRIDS	Wildfire Involving SDG&E Equipment	Microgrids	Tier 3	No	NO	Cameron Corners and Shelter Valley were originally forecasted to be completed and placed into service in 2022 and 2023, respectively. Due to scope delays, the in service dates for both projects were shifted beyond 2023.	This workpaper was included in the Grid Design and System Hardening GRC category within the Wildfire Mitigation and Vegetation Management witness area. This workpaper can also be mapped to Tracking ID WMP.462 in the 2023 WMP filing. The purpose of this project is to increase renewable back-up power infrastructure by building microgrids that can keep customers energized during PSPS events. Microgrids are constructed using solar generation and battery storage to enable the local critical infrastructure to stay energized during PSPS events.	SDG&E-13-2R-E JTW-124 to JTW-127 CWP 192490
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal WMP MICROGRIDS**				**Yes**	**NO**			
Capital	WILDFIRE MITIGATION & VEGETATION MANAGEMENT	WMP OPERATION MEGAPHONE	Wildfire Involving SDG&E Equipment	WMP OPERATION MEGAPHONE	N/A	No	NO	N/A	The workpaper contains activities to enhance customer notification and increase capacity for customer notifications voice calling and text messaging to full-service territory.	N/A
Capital	**WILDFIRE MITIGATION & VEGETATION MANAGEMENT**	**SubTotal WMP OPERATION MEGAPHONE**				**Yes**	**NO**			

SDG&E ELECTRIC DISTRIBUTION Capital - Balanced
Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date ($)
Capital	ELECTRIC DISTRIBUTION	ELECTRIC DISTRIBUTION				Yes			232,593				232,593	197,291	192,907	198,075	204,457	197,291
Capital	ELECTRIC DISTRIBUTION	CONTRACT ADMINISTRATION POOL - ELEC	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	9,965	---	---	---	9,965	54,905	56,552	58,249	59,996	54,905
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal CONTRACT ADMINISTRATION POOL - ELEC**				**Yes**			**9,965**	**---**	**---**	**---**	**9,965**	**54,905**	**56,552**	**58,249**	**59,996**	**54,905**
Capital	ELECTRIC DISTRIBUTION	DEPARTMENT OVERHEAD POOL - ELEC	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	48,644	---	---	---	48,644	26,402	27,194	28,010	28,850	26,402
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal DEPARTMENT OVERHEAD POOL - ELEC**				**Yes**			**48,644**	**---**	**---**	**---**	**48,644**	**26,402**	**27,194**	**28,010**	**28,850**	**26,402**
Capital	ELECTRIC DISTRIBUTION	LOCAL ENGINEERING POOL - ED POOL	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	168,929	---	---	---	168,929	102,528	105,604	108,772	112,035	102,528
Capital	ELECTRIC DISTRIBUTION	LOCAL ENGINEERING POOL - ED POOL	Asset Management	AI/MDAT (Data Analytics)	N/A	No	On-going	Annual	137	---	---	---	137	165	170	175	180	165
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal LOCAL ENGINEERING POOL - ED POOL**				**Yes**			**169,065**	**---**	**---**	**---**	**169,065**	**102,693**	**105,774**	**108,947**	**112,215**	**102,693**
Capital	ELECTRIC DISTRIBUTION	LOCAL ENGINEERING POOL - SUBSTATION POOL ELEC	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	5,270	---	---	---	5,270	3,290	3,389	3,491	3,596	3,290
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal LOCAL ENGINEERING POOL - SUBSTATION POOL ELEC**				**Yes**			**5,270**	**---**	**---**	**---**	**5,270**	**3,290**	**3,389**	**3,491**	**3,596**	**3,290**

SDG&E ELECTRIC DISTRIBUTION Capital - Balanced
Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference ($)	Attribute Cost Percent Variance 2024	Attribute Cost Percent Variance 2025	Attribute Cost Percent Variance 2026	Attribute Cost Percent Variance 2027	Cost to Date Percent Variance
Capital	ELECTRIC DISTRIBUTION	ELECTRIC DISTRIBUTION				Yes	45,653	(112,095)	(108,697)	(264,657)	45,653	24%	-100%	-100%	-100%	24%
Capital	ELECTRIC DISTRIBUTION	CONTRACT ADMINISTRATION POOL - ELEC	Non-RAMP	Non-RAMP	Non-RAMP	No	(44,940)	(56,552)	(58,249)	(59,996)	(44,940)	-82%	-100%	-100%	-100%	-82%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal CONTRACT ADMINISTRATION POOL - ELEC**				**Yes**	**(44,940)**	**(56,552)**	**(58,249)**	**(59,996)**	**(44,940)**	**-82%**	**-100%**	**-100%**	**-100%**	**-82%**
Capital	ELECTRIC DISTRIBUTION	DEPARTMENT OVERHEAD POOL - ELEC	Non-RAMP	Non-RAMP	Non-RAMP	No	22,242	(27,194)	(28,010)	(28,850)	22,242	84%	-100%	-100%	-100%	84%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal DEPARTMENT OVERHEAD POOL - ELEC**				**Yes**	**22,242**	**(27,194)**	**(28,010)**	**(28,850)**	**22,242**	**84%**	**-100%**	**-100%**	**-100%**	**84%**
Capital	ELECTRIC DISTRIBUTION	LOCAL ENGINEERING POOL - ED POOL	Non-RAMP	Non-RAMP	Non-RAMP	No	66,401	(105,604)	(108,772)	(112,035)	66,401	65%	-100%	-100%	-100%	65%
Capital	ELECTRIC DISTRIBUTION	LOCAL ENGINEERING POOL - ED POOL	Asset Management	AI/MDAT (Data Analytics)	N/A	No	(20)	(170)	(175)	(180)	(20)	-17%	-100%	-100%	-100%	-17%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal LOCAL ENGINEERING POOL - ED POOL**				**Yes**	**66,372**	**(105,774)**	**(108,947)**	**(112,215)**	**66,372**	**65%**	**-100%**	**-100%**	**-100%**	**65%**
Capital	ELECTRIC DISTRIBUTION	LOCAL ENGINEERING POOL - SUBSTATION POOL ELEC	Non-RAMP	Non-RAMP	Non-RAMP	No	1,901	(3,199)	(3,491)	(3,596)	1,901	60%	-100%	-100%	-100%	60%
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal LOCAL ENGINEERING POOL - SUBSTATION POOL ELEC**				**Yes**	**1,901**	**(3,199)**	**(3,491)**	**(3,596)**	**1,901**	**60%**	**-100%**	**-100%**	**-100%**	**60%**

SDG&E ELECTRIC DISTRIBUTION Capital - Balanced
Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
Capital	ELECTRIC DISTRIBUTION	ELECTRIC DISTRIBUTION				Yes																					
Capital	ELECTRIC DISTRIBUTION	CONTRACT ADMINISTRATION POOL - ELEC	Non-RAMP	Non-RAMP	Non-RAMP	No	The Contract Administration (CA) pool consists of those expenses necessary for the administration of projects that are performed by contractors for SDG&E. The expenses to this pool consist of labor for Contract Administrators and support personnel, as well as the associated non-labor support costs such as office and field supplies. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																			
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal CONTRACT ADMINISTRATION POOL - ELEC**				**Yes**																					
Capital	ELECTRIC DISTRIBUTION	DEPARTMENT OVERHEAD POOL - ELEC	Non-RAMP	Non-RAMP	Non-RAMP	No	Department Overhead are those costs for supervision and administration of crews in the SDG&E Construction and Operation (C&O) districts. Department Overhead is charged for expenses that are not attributable to one particular project but benefit many projects, or the Construction and Operation (C&O) districts as a whole. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																			
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal DEPARTMENT OVERHEAD POOL - ELEC**				**Yes**																					
Capital	ELECTRIC DISTRIBUTION	LOCAL ENGINEERING POOL - ED POOL	Non-RAMP	Non-RAMP	Non-RAMP	No	The Local Engineering – ED Pool consists of the pool of Planners, Designers and Engineers, and support personnel who research, analyze, and design the facilities needed to serve customers. These persons address the engineering needs for new services, facilities relocations, overhead-to-underground conversions, capacity, and reliability projects. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																			
Capital	ELECTRIC DISTRIBUTION	LOCAL ENGINEERING POOL - ED POOL	Asset Management	AI/MDAT (Data Analytics)	N/A	No	The Local Engineering – ED Pool consists of the pool of Planners, Designers and Engineers, and support personnel who research, analyze, and design the facilities needed to serve customers. These persons address the engineering needs for new services, facilities relocations, overhead-to-underground conversions, capacity, and reliability projects. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																			
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal LOCAL ENGINEERING POOL - ED POOL**				**Yes**																					
Capital	ELECTRIC DISTRIBUTION	LOCAL ENGINEERING POOL - SUBSTATION POOL ELEC	Non-RAMP	Non-RAMP	Non-RAMP	No	The Local Engineering – Substation Pool consists of activities supporting substation capital project design, engineering and construction that cannot easily be associated with single job orders and therefore are not fit for direct-charging. Examples of these types of activities include management and administrative labor and meetings and functions covering a wide range of substation engineering-related capital projects and topics. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																			
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal LOCAL ENGINEERING POOL - SUBSTATION POOL ELEC**				**Yes**																					

SDG&E ELECTRIC DISTRIBUTION Capital - Balanced
Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Safety, Reliability, or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status	Status Variance Explanation Required?
Capital	ELECTRIC DISTRIBUTION	ELECTRIC DISTRIBUTION				Yes										
Capital	ELECTRIC DISTRIBUTION	CONTRACT ADMINISTRATION POOL - ELEC	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	YES	NO	The variance is due to less contractor hours in 2024than forcasted.	N/A	On Target (T)	On Target (T)	Under (U)	Proceeding as Planned	NO
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal CONTRACT ADMINISTRATION POOL - ELEC**				**Yes**	**YES**	**YES**								**NO**
Capital	ELECTRIC DISTRIBUTION	DEPARTMENT OVERHEAD POOL - ELEC	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	YES	NO	The timing of project construction is dynamic and the variance is due to individual project schedule movements. Please see ED capital and WMP RSAR schedule submissions to review individual workpapers that impact the overhead pools.	N/A	On Target (T)	On Target (T)	Over (O)	Proceeding as Planned	NO
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal DEPARTMENT OVERHEAD POOL - ELEC**				**Yes**	**YES**	**YES**								**NO**
Capital	ELECTRIC DISTRIBUTION	LOCAL ENGINEERING POOL - ED POOL	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	YES	NO	Engineering work is charged to the pool at the beginning of the project. Timing of projects is dynamic and the variance is due to individual project schedule movements. Please see ED capital and WMP RSAR schedule submissions to review individual workpapers that impact the overhead pools.	N/A	On Target (T)	On Target (T)	Over (O)	Proceeding as Planned	NO
Capital	ELECTRIC DISTRIBUTION	LOCAL ENGINEERING POOL - ED POOL	Asset Management	AI/MDAT (Data Analytics)	N/A	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal LOCAL ENGINEERING POOL - ED POOL**				**Yes**	**YES**	**YES**								**NO**
Capital	ELECTRIC DISTRIBUTION	LOCAL ENGINEERING POOL - SUBSTATION POOL ELEC	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	Over (O)	Proceeding as Planned	NO
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal LOCAL ENGINEERING POOL - SUBSTATION POOL ELEC**				**Yes**	**YES**	**NO**								**NO**

SDG&E ELECTRIC DISTRIBUTION Capital - Balanced
Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Status Variance Explanation	WP Activity Description	2024 GRC Testimony Location
Capital	ELECTRIC DISTRIBUTION	ELECTRIC DISTRIBUTION				Yes			
Capital	ELECTRIC DISTRIBUTION	CONTRACT ADMINISTRATION POOL - ELEC	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A	The CA Pool consists of those expenses necessary for the administration of projects that are performed by contractors for SDG&E. Due to the volume of capital work that takes place on the electric distribution system, the most effective and efficient way to allocate the contract administration costs is through the use of the CA Pool. It is not feasible to charge directly for each electric distribution job due to the large volume of work orders. Typical activities included in this account are: Working with Contractors to develop fixed price bid for construction projects; Overseeing the Contractor work to remove obstacles and verify work is completed and complies with company standards; Approving Contractor Invoices for completed work; and Developing and Administering Contract Units for unit priced contracts.	SDG&E-11-R OR-91 to OR-92 CWP E 090.60
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal CONTRACT ADMINISTRATION POOL - ELEC**				**Yes**			
Capital	ELECTRIC DISTRIBUTION	DEPARTMENT OVERHEAD POOL - ELEC	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A	Department Overheads are those costs for supervision and administration of crews in the SDG&E Construction and Operation (C&O) districts. Department Overhead is charged for expenses that are not attributable to one particular project, but benefit many projects, or the Construction and Operation (C&O) districts as a whole. Due to the volume of capital work that takes place on the distribution system, the most effective and efficient way to allocate the expenditures for the management of capital distribution operations activities throughout the service territory is through the use of this pool. It is not feasible to direct charge for each electric distribution job due to the large volume of work orders and field memos.	SDG&E-11-R OR-90 to OR-91 CWP E 090.50
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal DEPARTMENT OVERHEAD POOL - ELEC**				**Yes**			
Capital	ELECTRIC DISTRIBUTION	LOCAL ENGINEERING POOL - ED POOL	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A	Local Engineering activities are required to see a project from inception to completion. Due to the volume of capital work that takes place on the distribution system, the most effective and efficient way to allocate the planning and engineering activities is through the use of the overhead pools. It is not feasible to charge directly for each electric distribution job due to the large amount of work orders. The Local Engineering - ED Pool consists of the pool of Planners, Designers and Engineers, and support personnel who research, analyze, and design the facilities needed to serve customers. These persons address the engineering needs for new services, facilities relocations, overhead-to-underground conversions, capacity, and reliability projects. These persons also address the interaction with internal and external customers in preparing a work order package for construction. This pool includes the costs that will be allocated to electric distribution capital activities.	SDG&E-11-R OR-87 to OR-88 CWP E 090.10
Capital	ELECTRIC DISTRIBUTION	LOCAL ENGINEERING POOL - ED POOL	Asset Management	AIMDAT (Data Analytics)	N/A	No	N/A		
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal LOCAL ENGINEERING POOL - ED POOL**				**Yes**			
Capital	ELECTRIC DISTRIBUTION	LOCAL ENGINEERING POOL - SUBSTATION POOL ELEC	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
Capital	**ELECTRIC DISTRIBUTION**	**SubTotal LOCAL ENGINEERING POOL - SUBSTATION POOL ELEC**				**Yes**			

SDG&E GAS INTEGRITY MANAGEMENT PROGRAMS Capital - Balanced
Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date ($)
Capital	**GAS INTEGRITY MANAGEMENT PROGRAMS**	**GAS INTEGRITY MANAGEMENT PROGRAMS**				**Yes**			**114,213**	**—**	**—**	**—**	**83,017**	**25,280**	**26,033**	**26,920**	**27,025**	**25,280**
Capital	GAS INTEGRITY PROGRAMS	DIMP	Incident Related to the Medium Pressure System (Excluding Dig-in)	Distribution Integrity Management Program (DIMP)	Plastic - Main (VIPP)	No	On-going	Annual	82,375	—	—	—	82,375	16,023	16,504	16,999	17,509	16,023
Capital	**GAS INTEGRITY PROGRAMS**	**SubTotal DIMP**				**Yes**			**82,375**	**—**	**—**	**—**	**82,375**	**16,023**	**16,504**	**16,999**	**17,509**	**16,023**
Capital	GAS INTEGRITY PROGRAMS	TIMP	Incident Related to the High Pressure System (Excluding Dig-in)	Integrity Assessments & Remediation (HCA and Non-HCA)	Transmission - HCA	No	On-going	Annual	31,300	—	—	—	31,300	8,795	9,059	9,330	9,611	8,795
Capital	GAS INTEGRITY PROGRAMS	TIMP	Incident Related to the High Pressure System (Excluding Dig-in)	Integrity Assessments & Remediation (HCA and Non-HCA)	Transmission - Non-HCA	No	On-going	Annual	639	—	—	—	639	462	476	491	505	462
Capital	**GAS INTEGRITY PROGRAMS**	**SubTotal TIMP**				**Yes**			**31,938**	**—**	**—**	**—**	**639**	**9,257**	**9,535**	**9,821**	**10,116**	**9,257**

SDG&E GAS INTEGRITY MANAGEMENT PROGRAMS Capital - Balanced
Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference ($)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
Capital	GAS INTEGRITY MANAGEMENT PROGRAMS	GAS INTEGRITY MANAGEMENT PROGRAMS				Yes	89,033	(26,020)	(26,820)	(27,623)	89,033	3525%	-100%	-100%	-100%	3525%
Capital	GAS INTEGRITY PROGRAMS	DIMP	Incident Related to the Medium Pressure System (Excluding Dig-in)	Distribution Integrity Management Program (DIMP)	Plastic - Main (VIPP)	No	66,352	(16,504)	(16,999)	(17,509)	66,352	414%	-100%	-100%	-100%	414%
Capital	**GAS INTEGRITY PROGRAMS**	**SubTotal DIMP**				**Yes**	**66,352**	**(16,504)**	**(16,999)**	**(17,509)**	**66,352**	**414%**	**-100%**	**-100%**	**-100%**	**414%**
Capital	GAS INTEGRITY PROGRAMS	TIMP	Incident Related to the High Pressure System (Excluding Dig-in)	Integrity Assessments & Remediation (HCA and Non-HCA)	Transmission - HCA	No	22,505	(9,059)	(9,330)	(9,611)	22,505	256%	-100%	-100%	-100%	256%
Capital	GAS INTEGRITY PROGRAMS	TIMP	Incident Related to the High Pressure System (Excluding Dig-in)	Integrity Assessments & Remediation (HCA and Non-HCA)	Transmission - Non-HCA	No	177	(436)	(491)	(505)	177	38%	-100%	-100%	-100%	38%
Capital	**GAS INTEGRITY PROGRAMS**	**SubTotal TIMP**				**Yes**	**22,681**	**(9,535)**	**(9,821)**	**(10,116)**	**22,681**	**0**	**-100%**	**-100%**	**-100%**	**245%**

SDG&E GAS INTEGRITY MANAGEMENT PROGRAMS Capital - Balanced
Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
Capital	**GAS INTEGRITY MANAGEMENT PROGRAMS**	**GAS INTEGRITY MANAGEMENT PROGRAMS**				**Yes**																					
Capital	GAS INTEGRITY PROGRAMS	DIMP	Incident Related to the Medium Pressure System (Excluding Dig-in)	Distribution Integrity Management Program (DIMP)	Plastic - Main (VIPP)	No	Miles replaced	58				58	14				14	44	0	0	0	44	316%	0%	0%	0%	316%
Capital	**GAS INTEGRITY PROGRAMS**	**SubTotal DIMP**				**Yes**																					
Capital	GAS INTEGRITY PROGRAMS	TIMP	Incident Related to the High Pressure System (Excluding Dig-in)	Integrity Assessments & Remediation (HCA and Non-HCA)	Transmission - HCA	No	This activity and the work completed in 2024 consist of retrofitting pipelines for in-line inspection capability, replacements, and other capital remediation. The number and types of remediation are driven by each assessment. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																			
Capital	GAS INTEGRITY PROGRAMS	TIMP	Incident Related to the High Pressure System (Excluding Dig-in)	Integrity Assessments & Remediation (HCA and Non-HCA)	Transmission - Non-HCA	No	This activity and the work completed in 2024 consist of retrofitting pipelines for in-line inspection capability, replacements, and other capital remediation. The number and types of remediation are driven by each assessment. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																			
Capital	**GAS INTEGRITY PROGRAMS**	**SubTotal TIMP**				**Yes**																					

SDG&E GAS INTEGRITY MANAGEMENT PROGRAMS Capital - Balanced
Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Safety, Reliability, or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status
Capital	**GAS INTEGRITY MANAGEMENT PROGRAMS**	**GAS INTEGRITY MANAGEMENT PROGRAMS**				**Yes**									
Capital	GAS INTEGRITY PROGRAMS	DIMP	Incident Related to the Medium Pressure System (Excluding Dig-in)	Distribution Integrity Management Program (DIMP)	Plastic - Main (VIPP)	No	YES	YES	YES	DIMP complies with 49 CFR 192, Subpart P - Gas Distribution Pipeline Integrity Management and includes threat identification, risk assessment, and various projects to minimize threats and integrity concerns to reduce risk of pipeline incidents. The 2024 variance is driven by a difference between SDG&E's plan as presented in the TY 2024 GRC application and the level of activity funded in the final TY 2024 GRC decision, which was issued in December of 2024. SDG&E's VIPP activity level followed the strategy that was approved in the 2019 GRC due to the delay in receiving a final 2024 GRC decision, which funded a lower level of activity but also authorized a memorandum account for additional replacements when pipe in areas of risk are identified. While SDG&E has completed more miles than authorized within the DIMP balancing account, the level of activity is consistent with that for which SDG&E is authorized to seek recovery. Replacements were planned and completed in alignment with SDG&E's transition to its Quantitative Risk Assessment (QRA) results, which inform the prioritization of DREAMS replacements to address pipeline segments that exceed SDG&E's risk threshold.	DIMP complies with 49 CFR 192, Subpart P - Gas Distribution Pipeline Integrity Management and includes threat identification, risk assessment, and various projects to minimize threats and integrity concerns to reduce risk of pipeline incidents. The 2024 variance is driven by a difference between SDG&E's plan as presented in the TY 2024 GRC application and the level of activity funded in the final TY 2024 GRC decision, which was issued in December of 2024. SDG&E's VIPP activity level followed the strategy that was approved in the 2019 GRC due to the delay in receiving a final 2024 GRC decision, which funded a lower level of activity but also authorized a memorandum account for additional replacements when pipe in areas of risk are identified. While SDG&E has completed more miles than authorized within the DIMP balancing account, the level of activity is consistent with that for which SDG&E is authorized to seek recovery. Replacements were planned and completed in alignment with SDG&E's transition to its Quantitative Risk Assessment (QRA) results, which inform the prioritization of DREAMS replacements to address pipeline segments that exceed SDG&E's risk threshold.	On Target (T)	On Target (T)	Over (O)	Proceeding as Planned
Capital	**GAS INTEGRITY PROGRAMS**	**SubTotal DIMP**				**Yes**	**YES**	**YES**							
Capital	GAS INTEGRITY PROGRAMS	TIMP	Incident Related to the High Pressure System (Excluding Dig-in)	Integrity Assessments & Remediation (HCA and Non-HCA)	Transmission - HCA	No	YES	YES	NO	TIMP complies with 49 CFR 192, Subpart O - Gas Transmission Pipeline Integrity Management and includes threat identification, risk analysis, pipeline assessments, remediation, and other actions that minimize threats and integrity concerns to reduce risk of pipeline failure. In general, the TIMP activity level is driven by assessment requirements and pipeline safety considerations, as well as the resulting remediation and repair needs. TIMP remediation activities are informed by assessment findings and may vary from pipeline to pipeline and year to year, and in some cases, remediation activities are a result of the previous year's assessment findings. TIMP assessments may span both HCA and non-HCA segments and these tranches should be viewed in aggregate. Non-HCA pipeline segments include those in Class 3 and 4 locations, as well as Moderate Consequence Areas (MCAs), which are required under expanded PHMSA requirements per 49 CFR § 192.710. The allocation between the tranches is calculated based on the number of the actual 2024 completed assessment mileage. The 2024 variance in expenditures is primarily due to the expansion of the ILI program, as necessitated by the changes resulting from GTSR Part 1 (84 FR 52180). In order to assess manufacturing threats newly classified as active under 49 CFR § 192.917(e), SDG&E retrofitted previously unpiggable piping to enable the use of ILI tools.	N/A	On Target (T)	On Target (T)	Over (O)	Proceeding as Planned
Capital	GAS INTEGRITY PROGRAMS	TIMP	Incident Related to the High Pressure System (Excluding Dig-in)	Integrity Assessments & Remediation (HCA and Non-HCA)	Transmission - Non-HCA	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	Over (O)	Proceeding as Planned
Capital	**GAS INTEGRITY PROGRAMS**	**SubTotal TIMP**				**Yes**	**YES**	**YES**							

SDG&E GAS INTEGRITY MANAGEMENT PROGRAMS Capital - Balanced
Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Status Variance Explanation Required?	Status Variance Explanation	WP Activity Description	2024 GRC Testimony Location
Capital	**GAS INTEGRITY MANAGEMENT PROGRAMS**	**GAS INTEGRITY MANAGEMENT PROGRAMS**				**Yes**				
Capital	GAS INTEGRITY PROGRAMS	DIMP	Incident Related to the Medium Pressure System (Excluding Dig-in)	Distribution Integrity Management Program (DIMP)	Plastic - Main (VIPP)	No	NO	N/A	DIMP Capital activities in budget code 9546 include installations, replacements, and other risk mitigation or remediation activities driven by DIMP Projects and Activities to Address Risk (PAARs). These costs reflect expected activity levels under the VIPP, which consists of replacement of non-state-of-the-art Aldyl-A pipe.	SDGE-09-R AK-TS-51 to AK-TS-52 CWP 095460
Capital	**GAS INTEGRITY PROGRAMS**	**SubTotal DIMP**				**Yes**	**NO**			
Capital	GAS INTEGRITY PROGRAMS	TIMP	Incident Related to the High Pressure System (Excluding Dig-in)	Integrity Assessments & Remediation (HCA and Non-HCA)	Transmission - HCA	No	NO	N/A	TIMP Capital activities in budget code 03468 include retrofitting pipelines for in-line inspection capability, replacements, and other capital remediation as a result of assessment findings on the DOT-defined transmission pipelines.	SDGE-09-R AK-TS-47 to AK-TS-51 CWP 034680
Capital	GAS INTEGRITY PROGRAMS	TIMP	Incident Related to the High Pressure System (Excluding Dig-in)	Integrity Assessments & Remediation (HCA and Non-HCA)	Transmission - Non-HCA	No	NO	N/A	TIMP Capital activities in budget code 03468 include retrofitting pipelines for in-line inspection capability, replacements, and other capital remediation as a result of assessment findings on the DOT-defined transmission pipelines.	SDGE-09-R AK-TS-47 to AK-TS-51 CWP 034680
Capital	**GAS INTEGRITY PROGRAMS**	**SubTotal TIMP**				**Yes**	**NO**			

SDG&E GAS DISTRIBUTION Capital - Balanced
Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date ($)
Capital	**GAS DISTRIBUTION**	**GAS DISTRIBUTION**				**Yes**			**2,488**	**—**	**—**	**—**	**2,488**	**2,325**	**2,395**	**2,467**	**2,541**	**2,325**
Capital	GAS DISTRIBUTION	NEW BUSINESS- BALANCED	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	2,264	—	—	—	2,264	2,325	2,395	2,467	2,541	2,325
Capital	GAS DISTRIBUTION	NEW BUSINESS- BALANCED	Incident Related to the Medium Pressure System (Excluding Dig-in)	Field and Public Safety	Meter & Beyond the Meter	No	On-going	Annual	224	—	—	—	224	—	—	—	—	—
Capital	**GAS DISTRIBUTION**	**SubTotal NEW BUSINESS- BALANCED**				**Yes**			**2,488**	**—**	**—**	**—**	**2,488**	**2,325**	**2,395**	**2,467**	**2,541**	**2,325**

SDG&E GAS DISTRIBUTION Capital - Balanced
Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference ($)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
Capital	GAS DISTRIBUTION	GAS DISTRIBUTION				Yes	163	(2,395)	(2,467)	(2,541)	163	7%	-100%	-100%	-100%	7%
Capital	GAS DISTRIBUTION	NEW BUSINESS- BALANCED	Non-RAMP	Non-RAMP	Non-RAMP	No	(61)	(2,395)	(2,467)	(2,541)	(61)	-3%	-100%	-100%	-100%	-3%
Capital	GAS DISTRIBUTION	NEW BUSINESS- BALANCED	Incident Related to the Medium Pressure System (Excluding Dig-in)	Field and Public Safety	Meter & Beyond the Meter	No	224	—	—	—	224	100%	—%	—%	—%	100%
Capital	**GAS DISTRIBUTION**	**SubTotal NEW BUSINESS- BALANCED**				**Yes**	**163**	**(2,395)**	**(2,467)**	**(2,541)**	**163**	**7%**	**-100%**	**-100%**	**-100%**	**7%**

SDG&E GAS DISTRIBUTION Capital - Balanced
Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
Capital	**GAS DISTRIBUTION**	**GAS DISTRIBUTION**				**Yes**																					
Capital	GAS DISTRIBUTION	NEW BUSINESS- BALANCED	Non-RAMP	Non-RAMP	Non-RAMP	No	Non-collectible new customers	358				358	The 2024 GRC final decision adopted a forecast that was lower in scope and dollars than originally requested. The variety and scope of work for each new business (customer-driven gas service) project makes it infeasible to identify a single imputed authorized unit of measure.														
Capital	GAS DISTRIBUTION	NEW BUSINESS- BALANCED	Incident Related to the Medium Pressure System (Excluding Dig-in)	Field and Public Safety	Meter & Beyond the Meter	No	Purge orders	170				170	0				—	170	0	0	0	170	100 %	0 %	0 %	0 %	100 %
Capital	**GAS DISTRIBUTION**	**SubTotal NEW BUSINESS- BALANCED**				**Yes**																					

SDG&E GAS DISTRIBUTION Capital - Balanced
Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Safety, Reliability, or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status	Status Variance Explanation Required?
Capital	**GAS DISTRIBUTION**	**GAS DISTRIBUTION**				**Yes**										
Capital	GAS DISTRIBUTION	NEW BUSINESS- BALANCED	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	GAS DISTRIBUTION	NEW BUSINESS- BALANCED	Incident Related to the Medium Pressure System (Excluding Dig-in)	Field and Public Safety	Meter & Beyond the Meter	No	YES	NO	YES	N/A	This activity involves installing new pipeline associated with providing gas service to new business. The number and timing of new pipeline purging projects is based on new business requests which are outside the control of SDG&E.	Over (O)	Over (O)	Over (O)	Proceeding as Planned	NO
Capital	**GAS DISTRIBUTION**	**SubTotal NEW BUSINESS- BALANCED**				**Yes**	**YES**	**NO**								**NO**

SDG&E GAS DISTRIBUTION Capital - Balanced
Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Status Variance Explanation	WP Activity Description	2024 GRC Testimony Location
Capital	**GAS DISTRIBUTION**	**GAS DISTRIBUTION**				**Yes**			
Capital	GAS DISTRIBUTION	NEW BUSINESS- BALANCED	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
Capital	GAS DISTRIBUTION	NEW BUSINESS- BALANCED	Incident Related to the Medium Pressure System (Excluding Dig-in)	Field and Public Safety	Meter & Beyond the Meter	No	N/A	Expenditures within budget code 500 provide for changes and additions to the existing gas distribution system for the purpose of serving new gas customers.	SDG&E-04-R-E LPK-70 to LPK-74 CWP 005000
Capital	**GAS DISTRIBUTION**	**SubTotal NEW BUSINESS- BALANCED**				**Yes**			

C. SDG&E Balanced Program Regulatory Account 2024 Cumulative Balances

i. SDG&E Regulatory Account – Post-2011 Distribution Integrity Management Program Balancing Account (DIMPBA)

SDG&E DIMPBA Details Revenue Requirements ($000) Program Cycle 2024-2027 One-Way						
	(a)	(b)	(c)	(d) = (b) - (c)	(e)	(f) = (a) + (d) + (e)
	Beginning Balance	**Actual**	**Authorized**	**Under/(Over) Collection**	**Interest**	**Ending Balance**
Year 2024						
Beginning Balance	$ —					
O&M		2,591				
Capital-Related Costs		(21,293)				
Adjustments						
Interest					(493)	
Subtotal	**—**	**(18,702)**	**(2,706)**	**(15,996)**	**(493)**	**(16,489)**

i. SDG&E Regulatory Account – Gas Line Extension Balancing Account (GLEBA)

SDG&E GLEBA Details Revenue Requirements ($000) Program Cycle 2024-2027 One-Way						
	(a)	(b)	(c)	(d) = (b) - (c)	(e)	(f) = (a) + (d) + (e)
	Beginning Balance	**Actual**	**Authorized**	**Under/(Over) Collection**	**Interest**	**Ending Balance**
Year 2024						
Beginning Balance	—					
O&M						
Amortization						
Capital-Related Costs						
Interest					6,764	
Subtotal	**—**	**—**	**(270,036)**	**270,036**	**6,764**	**276,800**

ii. SDG&E Regulatory Account – General Rate Case Memorandum Account 2024 (GRCMA2024)

SDG&E GRCMA Details Revenue Requirements ($000) Program Cycle 2024-2027 One-Way						
	(a)	(b)	(c)	(d) = (b) - (c)	(e)	(f) = (a) + (d) + (e)
	Beginning Balance	**Actual**	**Authorized**	**Under/(Over) Collection**	**Interest**	**Ending Balance**
Year 2024						
Beginning Balance	—					
O&M						
Amortization						
Capital-Related Costs						
Interest					6,764	
Subtotal	**—**	**—**	**(270,036)**	**270,036**	**6,764**	**276,800**

iii. SDG&E Regulatory Account –Liability Insurance Premium Balancing Account

SDG&E LIPBA Details Revenue Requirements ($000) Program Cycle 2024-2027 Two-Way						
	(a)	(b)	(c)	(d) = (b) - (c)	(e)	(f) = (a) + (d) + (e)
	Beginning Balance	**Actual**	**Authorized**	**Under/(Over) Collection**	**Interest**	**Ending Balance**
Year 2024						
Beginning Balance	—					
O&M		150,673				
Amortization		1,281				
Interest					2,103	
Subtotal	**—**	**151,954**	**258,782**	**(106,828)**	**2,103**	**(104,726)**

iv. SDG&E Regulatory Account – Marine Mitigation Memorandum Account

SDG&E MMMA Details Revenue Requirements ($000) Program Cycle 2024-2027 One-Way						
	(a)	(b)	(c)	(d) = (b) - (c)	(e)	(f) = (a) + (d) + (e)
	Beginning Balance	**Actual**	**Authorized**	**Under/(Over) Collection**	**Interest**	**Ending Balance**
Year 2024						
Beginning Balance	—					
O&M		1,077				
Capital-Related Costs		—				
Adjustments		320				
Interest					(13)	
Subtotal	**—**	**1,397**	**1,384**	**13**	**(13)**	**—**

v. SDG&E Regulatory Account – New Environmental Regulation Balancing Account

SDG&E NERBA Details Revenue Requirements ($000) Program Cycle 2024-2027 One-Way						
	(a)	(b)	(c)	(d) = (b) - (c)	(e)	(f) = (a) + (d) + (e)
	Beginning Balance	**Actual**	**Authorized**	**Under/(Over) Collection**	**Interest**	**Ending Balance**
Year 2024						
Beginning Balance	—					
O&M		10,211				
Capital-Related Costs		45				
Adjustments						
Interest					135	
Subtotal	**—**	**10,257**	**8,446**	**1,810**	**135**	**1,945**

vi. SDG&E Regulatory Accounts - Overhead Pools Balancing Account

SDG&E OPBA Details Revenue Requirements ($000) Program Cycle 2024-2027 One-Way						
	(a)	(b)	(c)	(d) = (b) - (c)	(e)	(f) = (a) + (d) + (e)
	Beginning Balance	**Actual**	**Authorized**	**Under/(Over) Collection**	**Interest**	**Ending Balance**
Year 2024						
Beginning Balance	—					
Funding		233,133	(187,290)			
Interest						
Subtotal	**—**	**233,133**	**(187,290)**	**45,843**	**—**	**45,843**

vii. SDG&E Regulatory Accounts - Pension Balancing Account

SDG&E PBA Details Revenue Requirements ($000) Program Cycle 2024-2027 Two-Way						
	(a)	(b)	(c)	(d) = (b) - (c)	(e)	(f) = (a) + (d) + (e)
	Beginning Balance	**Actual**	**Authorized**	**Under/(Over) Collection**	**Interest**	**Ending Balance**
Year 2024						
Beginning Balance	—					
O&M		12,816				
Capital-Related Costs		70				
Adjustments						
Interest					(327)	
Subtotal	**—**	**12,887**	**12,165**	**722**	**(327)**	**395**

viii. SDG&E Regulatory Accounts - Post-Retirement Benefits Other Than Pensions Balancing Account

SDG&E PBOP Details Revenue Requirements ($000) Program Cycle 2024-2027 Two-Way						
	(a)	(b)	(c)	(d) = (b) - (c)	(e)	(f) = (a) + (d) + (e)
	Beginning Balance	**Actual**	**Authorized**	**Under/(Over) Collection**	**Interest**	**Ending Balance**
Year 2024						
Beginning Balance	—					
O&M		(1,166)				
Capital-Related Costs		87				
Adjustments						
Interest					(40)	
Subtotal	**—**	**(1,078)**	**(1,131)**	**53**	**(40)**	**13**

ix. SDG&E Regulatory Accounts - SONGS O&M Balancing Account

SDG&E SONGSBA Details Revenue Requirements ($000) Program Cycle 2024-2027 Two-Way						
	(a)	(b)	(c)	(d) = (b) - (c)	(e)	(f) = (a) + (d) + (e)
	Beginning Balance	**Actual**	**Authorized**	**Under/(Over) Collection**	**Interest**	**Ending Balance**
Year 2024						
Beginning Balance	—					
O&M		52				
Capital-Related Costs		—				
Adjustments		142				
Interest					(4)	
Subtotal	**—**	**195**	**191**	**4**	**(4)**	**—**

x. SDG&E Regulatory Accounts - Transmission Integrity Management Balancing Account

SDG&E TIMPBA Details Revenue Requirements ($000) Program Cycle 2024-2027 One-Way						
	(a)	(b)	(c)	(d) = (b) - (c)	(e)	(f) = (a) + (d) + (e)
	Beginning Balance	**Actual**	**Authorized**	**Under/(Over) Collection**	**Interest**	**Ending Balance**
Year 2024						
Beginning Balance	—					
O&M		34,343				
Capital-Related Costs		(7,951)				
Adjustments						
Interest					2,079	
Subtotal	**—**	**26,392**	**10,918**	**15,474**	**2,079**	**17,553**

xi. SDG&E Regulatory Accounts - Vegetation Management Balancing Account

SDG&E VMBA Details Revenue Requirements ($000) Program Cycle 2024-2027 One-Way						
	(a)	(b)	(c)	(d) = (b) - (c)	(e)	(f) = (a) + (d) + (e)
	Beginning Balance	**Actual**	**Authorized**	**Under/(Over) Collection**	**Interest**	**Ending Balance**
Year 2024						
Beginning Balance	—					
O&M		76,169				
Capital-Related Costs		—				
Adjustments						
Interest					7,908	
Subtotal	**—**	**76,169**	**79,983**	**(3,814)**	**7,908**	**4,094**

xii. SDG&E Regulatory Accounts - Wildfire Mitigation Memorandum Account

SDG&E WMPMA Details Revenue Requirements ($000) Program Cycle 2024-2027 One-Way						
	(a)	(b)	(c)	(d) = (b) - (c)	(e)	(f) = (a) + (d) + (e)
	Beginning Balance	**Actual**	**Authorized**	**Under/(Over) Collection**	**Interest**	**Ending Balance**
Year 2024						
Beginning Balance	—					
O&M		128,818				
Capital-Related Costs		298,029				
Adjustments						
Interest					37,643	
Subtotal	**—**	**426,847**	**342,158**	**84,690**	**37,643**	**122,333**

SDG&E Balanced Program Regulatory Account Disposition of Cost Recovery

i. Post-2011 Distribution Integrity Management Program Balancing Account (DIMPBA) & Transmission Integrity Management Program Balancing Account (TIMPBA)

Per D.24-12-074, the Post-2011 DIMPBA and TIMPBA will continue for the entire 2024 GRC cycle and are converted from two-way to one-way balancing accounts for the duration of the 2024 GRC cycle.

For DIMP, any over-collected balance at the end of each year within the GRC cycle will be carried over to the following year. Pursuant to D.24-12-074, for any DIMP under collections over the total authorized O&M and capital expenditures, SDG&E will transfer to the DIMPMA and seek recovery through a reasonableness review application or proceeding. For any unspent DIMP funds at the end of the current GRC cycle, SDG&E will propose in its next GRC proceeding to return the unspent funds in rates to customers. In accordance with D.24-12-074, the balance recorded in the DIMPMA is subject to a reasonableness review in SDG&E's next GRC or other applicable proceeding.

For TIMP, any over-collected balance at the end of each year within the GRC cycle will be carried over to the following year. Pursuant to D.24-12-074, for any TIMP under collections over the total authorized O&M and capital expenditures, SDG&E will transfer to the TIMPMA and seek recovery through a reasonableness review application or proceeding. For any unspent TIMP funds at the end of the current GRC cycle, SDG&E will propose in its next GRC proceeding to return the unspent funds in rates to customers. In accordance with D.24-12-074, the balance recorded in the TIMPMA is subject to a reasonableness review in an application or proceeding.

For under-collections as a result of overspending up to 35% of the total authorized O&M and capital expenditures, SDG&E filed Tier 3 AL 3257-G on December 15, 2023 to recover the under collected balance in the TIMPBA of $23.3 million as of July 31, 2023. A resubmission of the original AL 3257-G-A was filed on September 30, 2024 to recover the revised amount of $21.7 million. The remaining under collected balance from August 2023 to December 2023 of $7.4M will be recovered through an application, which was filed on February 28, 2025. Draft Res. G-3611 was signed on April 24, 2025, approving the $21.7 million requested for recovery in rates.

i. Gas Line Extension Balancing Account (GLEBA)

Pursuant to D.24-12-074, GLEBA is a one-way balancing account and will track actual capital revenue requirement from the elimination of line extension subsidies in D.22-09-026 for certain gas line extension projects up to authorized levels. The GLEBA is authorized for the four-year GRC period or until the effective implementation date of SDG&E's next GRC. Any over- or

under-collected balance at the end of each year within the GRC cycle will be carried over to the following year. For any over-collected balance at the end of each GRC cycle, SDG&E shall propose in its next GRC proceeding to refund the balance to ratepayers in customer transportation rates. Under-collected balances may not be recovered from ratepayers in the event actual revenue requirement exceed authorized levels.

ii. General Rate Case Memorandum Account 2024 (GRCMA2024)

The GRCMA2024 is an interest-bearing memorandum account that is recorded on the Utility's financial statements. The purpose of the GRCMA2024 is to record the shortfall or overcollection resulting from the difference between the revenue requirement and corresponding rates in effect on January 1, 2024 and the final revenue requirement and corresponding rates adopted by the Commission in a decision for SDG&E's 2024 GRC Application (A.) 22-05-016. The GRCMA2024 is effective January 1, 2024.

The GRCMA2024 will be amortized in connection with the implementation of GRC rates adopted in D.24-12-074 for A.22-05-015 over an 18-month period beginning February 1, 2025, the date of SDG&E's 2024 GRC rate implementation. In its annual October annual regulatory account balance update filing, SDG&E will update the projected year-end interest balance for amortization in 2026 rates.

iii. Liability Insurance Premium Balancing Account (LIPBA)

The purpose of this account is to record the difference between the authorized revenue requirement adopted in D.24-12-074, TY 2024 GRC, specific to liability insurance premiums (LIP) charged to SDG&E from Sempra Corporate Center and the actual expenses incurred and charged to SDG&E, effective January 1, 2024, and will include three subaccounts:

1) Under-Limits Subaccount will record the difference between the authorized revenue requirement and the actual expenses for the liability insurance coverage requested in the GRC

2) Over-Limits Subaccount will record the difference between the authorized revenue requirement and the actual expenses for additional liability insurance coverage not requested in the GRC

3) Per Ordering Paragraph 10a of D.24-12-074, SDG&E will establish the Self-Insurance Subaccount consistent with the October 24, 2023 settlement agreement on insurance issues to administer accruals and if the wildfire liability self-insurance option is exercised. The authorized LIP revenue requirement, and the related actual LIP expenses recorded in the LIPBA are adjusted for related LIP costs capitalized in the ratebase and inter-company LIP costs (*i.e.*, for shared services) billed to and charged from SDG&E's affiliate companies. In addition, the LIPBA records an adjustment for the difference in LIP costs embedded in authorized and actual depreciation along with the related return and taxes.

Pursuant to the Settlement Agreement on Insurance adopted in D.24-12-074, the following provisions will apply to Wildfire Events, as defined in the Settlement Agreement, and claims related thereto:

a. For the Under-Limits Subaccount, if there are no wildfire-related claims for a period of 24 months prior to submission of a request for rate recovery, SDG&E may submit a Tier 2 advice letter on an annual basis to seek recovery of the subaccount balance. If there have been wildfire claims for events within the 24-month period prior to submission of a request for rate recovery, SDG&E may file a Tier 3 advice letter to request recovery of the Under Limits Sub-Account balance.

b. For the Over-Limits Subaccount, if the Wildfire Administrator increases the threshold amount of eligible claims for access to the Wildfire Fund above $1 billion, SDG&E may submit a Tier 2 advice letter to seek rate recovery of the costs of obtaining additional wildfire liability insurance for claims up to but no greater than the new threshold amount. If the Wildfire Fund Administrator keeps the threshold amount of eligible claims for access to the Wildfire Fund at $1 billion, SDG&E may receive a rate recovery of costs of wildfire liability insurance coverage in excess of $1 billion only if authorized by a Tier 3 advice letter.

c. For the Self-Insurance Subaccount, if there have been no wildfire claims, the Self-Insurance Subaccount balance as of the end of the GRC cycle will be addressed in the next GRC proceeding. If there have been wildfire claims, SDG&E may submit a Tier 3 AL to request the recovery of the Self-Insurance costs and replenishment of the Self-Insurance accruals.

iv. Marine Mitigation Memorandum Account (MMMA)

As a minority owner of the San Onofre Nuclear Generating Station (“SONGS”), SDG&E is responsible for 20% of Marine Mitigation incurred or recorded costs and receives its authorized revenue requirement for those costs from the Commission by making its request in Southern California Edison Company's (SCE) GRC.[1]

The balance in the MMMA will be transferred to the Non-Fuel Generation Balancing Account (NGBA) and be reviewed in SDG&E’s annual NGBA Tier 2 Advice Letter Update, or as otherwise directed by the Commission.

v. New Environmental Regulation Balancing Account (NERBA)

The NERBA consists of subaccounts for different types of costs associated with new and proposed environmental regulations. Pursuant to D.24-12-074, the NERBA is converted from a two-way to a one-way balancing account and will record actual costs against the corresponding authorized revenue requirement SDG&E’s TY 2024 GRC.

[1] *See* D.24-12-074 at 1007-1008 (FOF 300) (determining that SDG&E may seek recovery of Marine Mitigation and Worker's Compensation costs in SCE's GRC).

D.24-12-074 authorizes the continuation of the subaccounts and ratemaking treatment for the NERBA for the 2024 GRC cycle or until the effective implementation date of SDG&E's next GRC. Per D.24-12-074, any excess costs over authorized will be recorded in the New Environmental Regulation Memorandum Account (NERMA) and are subject to a reasonableness review.

Any over-collected balance at the end of each year within the GRC cycle will be carried over to the following year. Pursuant to D.24-12-074, for any NERBA under collections over the total authorized O&M and capital-related costs, SDG&E will record to the NERMA and seek recovery through a reasonableness review application or GRC proceeding. For any unspent NERBA funds at the end of the current GRC cycle, SDG&E will propose in its next GRC proceeding to return the unspent funds in rates to customers.

vi. Overhead Pools Balancing Account (OPBA)

Pursuant to D.24-12-074, the Overhead Pools Balancing account (OPBA) will continue during the TY 2024 GRC cycle. The OPBA shall apply to Electric Distribution customers, except for those specifically excluded by the Commission. The four overhead capital pools that are covered by this balancing account are the Local Engineering Electric Distribution pool; Local Engineering – Substation pool; the Department Overhead pool and the Contract Administration pool. This is a tracking account only and is not posted to the general ledger. The account will be evaluated for ratemaking purposes over the entire cycle covered by the TY 2024 GRC.

vii. Pension Balancing Account (PBA)

The PBA is an interest-bearing balancing account recorded on SDG&E's financial statements. The purpose of this account is to balance the difference between the forecasted and actual minimum contributions to the Utility's pension fund. Pursuant to Advice Letter 3161-E/2634-G, the PBA was modified effective January 1, 2018 to follow new accounting guidance under Generally Accepted Accounting Principles (GAAP) for the treatment of the non-service cost component of pension costs. D.24-12-074 continues the PBA for the 2024 GRC cycle.

SDG&E will adjust its future funding amounts for pension benefits based on the greater of the Employee Retirement and Income Security Act of 1974 (ERISA) minimum required contribution or the amount necessary to maintain an 85% funding level.

SDG&E will amortize the PBA balance in connection with its annual regulatory account balance update filing for rates effective January 1 of the following year.

viii. Post-Retirement Benefits Other Than Pensions Balancing Account (PBOP)

The PBOPBA is an interest-bearing balancing account recorded on SDG&E's financial statements. The purpose of this account is to balance the actual annual PBOP costs embedded in

authorized rates with the actual tax-deductible contributions to the PBOP Trust including "pay-as-you-go" PBOP costs that are paid directly to pre-1993 retirees, pursuant to Decision 04-12-015. Decision 92-12-015 initially adopted the PBOP regulatory mechanism. Pursuant to Advice Letter 3161-E/2634-G, the PBOPBA was modified effective January 1, 2018 to follow new GAAP accounting guidance for the treatment of the non-service cost component of PBOP costs. D.24-12-074 continues the PBOPBA for the 2024 GRC cycle.

SDG&E will amortize the PBOPBA balance in connection with its annual regulatory account balance update filing for rates effective January 1 of the following year.

ix. SONGS O&M Balancing Account (SONGSBA)

Pursuant to D.24-12-074, SDG&E can continue to seek recovery of SONGS Workers' Compensation costs by intervening in the SCE GRC, as it has historically done under the existing SONGS cost recovery process.

x. Transmission Integrity Management Program Balancing Account (TIMPBA)

See DIMP section i above.

xi. Vegetation Management Balancing Account (VMBA)

The Vegetation Management Balancing Account (VMBA) [formerly known as the Tree Trimming Balancing Account (TTBA)] is an interest-bearing one-way balancing account that records the difference between actual and authorized O&M costs and capital-related costs associated with SDG&E's vegetation management, pursuant to D.24-12-074 in SDG&E's TY 2024 GRC. The VMBA is effective for the entire 2024 GRC cycle. Per D.24-12-074, any excess costs over authorized will be recorded in the Vegetation Management Memorandum Account (VMMA) and subject to a reasonableness review.

Any over-collected balance at the end of each year within the GRC cycle will be carried over to the following year. Pursuant to D.24-12-074, for any VMBA under collections over the total authorized O&M and capital costs, SDG&E will transfer to the VMMA and seek recovery through a reasonableness review application or proceeding. For any unspent VMBA funds at the end of the current GRC cycle, SDG&E will propose in its next GRC proceeding to return the unspent funds in rates to customers.

xii. Wildfire Mitigation Plan Memorandum Account (WMPMA)

Pursuant to D.19-05-039 and AL 3454-E / 2817-G, SDG&E established the Wildfire Mitigation Plan Memorandum Account (WMPMA) to record costs incurred to implement SDG&E's Commission-approved Wildfire Mitigation Plan, effective May 30, 2019. The WMPMA is a two-way memorandum account; it records the revenue requirement authorized in SDG&E's GRC (or other proceeding deemed appropriate by the Commission) for wildfire-related activities beginning on May 30, 2019, and O&M and capital-related costs associated with

work performed based on activities in SDG&E's Wildfire Mitigation Plan, beginning on May 30, 2019. Accordingly, the WMPMA balance reflects those costs net of revenue requirement authorized in SDG&E's GRC. The WMPMA shall remain open until the Commission authorizes closure of the account. Consistent with the Scoping Memo in the TY 2024 GRC, SDG&E intends to address the 2019 to 2023 WMPMA balance in separate tracks of its current GRC.

SDG&E received approval of interim rate recovery authorizing $193.8 million in interim cost recovery during the period from March 1, 2024 – December 31, 2024 and $96.1 million during calendar year 2025. Interim cost recovery will still be subject to reasonableness review and potential disallowance.

ATTACHMENT B - SOCALGAS'S 2024 RISK SPENDING ACCOUNTABILITY REPORT

SoCalGas GAS DISTRIBUTION O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date ($)
O&M	GAS DISTRIBUTION	GAS DISTRIBUTION				Yes			147,573				163,578	166,963	171,974	177,133	182,447	166,963
O&M	GAS DISTRIBUTION	ASSET MANAGEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	11,373	—	—	—	11,373	14,601	15,039	15,490	15,955	14,601
O&M	**GAS DISTRIBUTION**	**SubTotal ASSET MANAGEMENT**				**Yes**			**11,373**	**—**	**—**	**—**	**11,373**	**14,601**	**15,039**	**15,490**	**15,955**	**14,601**
O&M	GAS DISTRIBUTION	CATHODIC PROTECTION	Incident Related to the Medium Pressure System (Excluding Dig-in)	Cathodic Protection - 100 mV Requalification Calculations	Medium Pressure Mains - Steel	No	On-going	Cancelled	19	—	—	—	19	1,288	1,327	1,367	1,408	1,288
O&M	GAS DISTRIBUTION	CATHODIC PROTECTION	Incident Related to the Medium Pressure System (Excluding Dig-in)	Cathodic Protection - CP10 Activities	Medium Pressure Services - Steel	No	On-going	Annual	1,328	—	—	—	1,328	2,280	2,348	2,418	2,491	2,280
O&M	GAS DISTRIBUTION	CATHODIC PROTECTION	Incident Related to the Medium Pressure System (Excluding Dig-in)	Cathodic Protection Base Activities	High Pressure Supply Lines	No	On-going	Annual	1,051	—	—	—	1,051	1,250	1,288	1,327	1,367	1,250
O&M	GAS DISTRIBUTION	CATHODIC PROTECTION	Incident Related to the Medium Pressure System (Excluding Dig-in)	Cathodic Protection Base Activities	Medium Pressure Mains - Steel	No	On-going	Annual	12,084	—	—	—	12,084	14,411	14,843	15,288	15,746	14,411
O&M	**GAS DISTRIBUTION**	**SubTotal CATHODIC PROTECTION**				**Yes**			**14,482**	**—**	**—**	**—**	**14,482**	**19,229**	**19,806**	**20,400**	**21,012**	**19,229**
O&M	GAS DISTRIBUTION	FIELD SERVICES LEADERSHIP & OPERATIONS ASSESSMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	406	—	—	—	406	454	468	482	496	454
O&M	**GAS DISTRIBUTION**	**SubTotal FIELD SERVICES LEADERSHIP & OPERATIONS ASSESSMENT**				**Yes**			**406**	**—**	**—**	**—**	**406**	**454**	**468**	**482**	**496**	**454**
O&M	GAS DISTRIBUTION	FIELD SUPPORT	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	17,778	—	—	—	17,778	18,210	18,756	19,317	19,896	18,210
O&M	GAS DISTRIBUTION	FIELD SUPPORT	Excavation Damage (Dig-In) on the Gas System	Company Excavator Training (HP)	N/A	No	On-going	Annual	3	—	—	—	3	19	20	21	22	19
O&M	GAS DISTRIBUTION	FIELD SUPPORT	Excavation Damage (Dig-In) on the Gas System	Company Excavator Training (MP)	N/A	No	On-going	Annual	36	—	—	—	36	247	254	262	270	247
O&M	GAS DISTRIBUTION	FIELD SUPPORT	Excavation Damage (Dig-In) on the Gas System	Locate & Mark Training (HP)	N/A	No	On-going	Annual	8	—	—	—	8	19	20	21	22	19
O&M	GAS DISTRIBUTION	FIELD SUPPORT	Excavation Damage (Dig-In) on the Gas System	Locate & Mark Training (MP)	N/A	No	On-going	Annual	109	—	—	—	109	245	252	260	268	245
O&M	GAS DISTRIBUTION	FIELD SUPPORT	Excavation Damage (Dig-In) on the Gas System	Locate and Mark Annual Refresher Training and Competency Program (HP)	Overall	No	On-going	Annual	2	—	—	—	2	2	2	2	2	2
O&M	GAS DISTRIBUTION	FIELD SUPPORT	Excavation Damage (Dig-In) on the Gas System	Locate and Mark Annual Refresher Training and Competency Program (MP)	Overall	No	On-going	Annual	30	—	—	—	30	36	37	38	39	36
O&M	GAS DISTRIBUTION	FIELD SUPPORT	Incident Involving an Employee	Personal Protection Equipment (PPE)	Non-vehicle Incident	No	On-going	Annual	96	—	—	—	96	121	125	129	133	121
O&M	**GAS DISTRIBUTION**	**SubTotal FIELD SUPPORT**				**Yes**			**18,062**	**—**	**—**	**—**	**18,062**	**18,839**	**19,466**	**20,050**	**20,652**	**18,899**
O&M	GAS DISTRIBUTION	LEAK SURVEY	Incident Related to the Medium Pressure System (Excluding Dig-in)	Leak Survey	High Pressure Supply Lines	No	On-going	Annual	3,760	—	—	—	3,760	2,685	2,766	2,849	2,934	2,685

SoCalGas GAS DISTRIBUTION O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date ($)
O&M	GAS DISTRIBUTION	LEAK SURVEY	Incident Related to the Medium Pressure System (Excluding Dig-in)	Leak Survey	Medium Pressure Mains Plastic & Steel	No	On-going	Annual	7,990	—	—	—	7,990	5,709	5,880	6,056	6,238	5,709
O&M	**GAS DISTRIBUTION**	**SubTotal LEAK SURVEY**				**Yes**			**11,750**	**—**	**—**	**—**	**11,750**	**8,394**	**8,646**	**8,905**	**9,172**	**8,394**

SoCalGas GAS DISTRIBUTION O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Cluster	RAMP Mitigation Activity	RAMP Tranche	Rollup	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date ($)
O&M	GAS DISTRIBUTION	LEAKAGE	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	(2,693)	---	---	---	(2,693)	1,024	1,055	1,087	1,120	1,024
O&M	GAS DISTRIBUTION	LEAKAGE	Incident Related to the Medium Pressure System (Excluding Digs)	Main & Service Leak Repair	High Pressure Supply Lines	No	On-going	Annual	471	---	---	---	471	806	830	855	881	806
O&M	GAS DISTRIBUTION	LEAKAGE	Incident Related to the Medium Pressure System (Excluding Digs)	Main & Service Leak Repair	Medium Pressure Main-Plastic & Steel	No	On-going	Annual	8,002	---	---	---	8,002	9,201	9,477	9,761	10,053	9,201
O&M	GAS DISTRIBUTION	LEAKAGE	Incident Related to the Medium Pressure System (Excluding Digs)	Main & Service Leak Repair	Medium Pressure Service - Plastic & Steel	No	On-going	Annual	7,217	---	---	---	7,217	8,159	8,404	8,656	8,916	8,159
O&M	**GAS DISTRIBUTION**	**SubTotal MAIN MAINTENANCE**				**Yes**			**11,055**	**---**	**---**	**---**	**11,055**	**6,579**	**6,776**	**6,979**	**7,188**	**6,579**
O&M	GAS DISTRIBUTION	MEASUREMENT & REGULATION	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	6,096	---	---	---	6,096	6,078	6,260	6,448	6,641	6,078
O&M	GAS DISTRIBUTION	MEASUREMENT & REGULATION	Incident Related to the Medium Pressure System (Excluding Digs)	Meter & Regulator (M&R) Station and Electronic Pressure Monitors (EPM) Inspection and Maintenance	High Pressure Supply Lines	No	On-going	Annual	806	---	---	---	806	802	826	851	877	802
O&M	GAS DISTRIBUTION	MEASUREMENT & REGULATION	Incident Related to the Medium Pressure System (Excluding Digs)	Meter & Regulator (M&R) Station and Electronic Pressure Monitors (EPM) Inspection and Maintenance	Medium Pressure Main-Plastic & Steel	No	On-going	Annual	3,933	---	---	---	3,933	3,923	4,041	4,162	4,287	3,923
O&M	GAS DISTRIBUTION	MEASUREMENT & REGULATION	Incident Related to the Medium Pressure System (Excluding Digs)	Meter Set Assembly (MSA) Inspection and Maintenance	Meter and Beyond the Meter	No	On-going	Annual	1,618	---	---	---	1,618	1,612	1,660	1,710	1,761	1,612
O&M	**GAS DISTRIBUTION**	**SubTotal MEASUREMENT & REGULATION**				**Yes**			**12,452**	**---**	**---**	**---**	**12,452**	**12,415**	**12,787**	**13,171**	**13,566**	**12,415**
O&M	GAS DISTRIBUTION	OPERATIONS & MANAGEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	9,203	---	---	---	9,203	12,534	12,910	13,297	13,696	12,534
O&M	GAS DISTRIBUTION	OPERATIONS & MANAGEMENT	Incident Related to the Medium Pressure System (Excluding Digs)	Company and Contractor Inspection on Gas Pipelines	Medium Pressure Main-Plastic & Steel	No	On-going	Annual	169	---	---	---	169	390	402	414	426	390
O&M	**GAS DISTRIBUTION**	**SubTotal OPERATIONS & MANAGEMENT**				**Yes**			**9,372**	**---**	**---**	**---**	**9,372**	**12,924**	**13,312**	**13,711**	**14,122**	**12,924**
O&M	GAS DISTRIBUTION	REGIONAL PUBLIC AFFAIRS	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	4,231	---	---	---	4,231	4,417	4,550	4,687	4,828	4,417
O&M	**GAS DISTRIBUTION**	**SubTotal REGIONAL PUBLIC AFFAIRS**				**Yes**			**4,231**	**---**	**---**	**---**	**4,231**	**4,417**	**4,550**	**4,687**	**4,828**	**4,417**
O&M	GAS DISTRIBUTION	SERVICE MAINTENANCE	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	10,294	---	---	---	10,294	5,571	5,738	5,910	6,087	5,571
O&M	**GAS DISTRIBUTION**	**SubTotal SERVICE MAINTENANCE**				**Yes**			**10,294**	**---**	**---**	**---**	**10,294**	**5,571**	**5,738**	**5,910**	**6,087**	**5,571**
O&M	GAS DISTRIBUTION	TOOLS FITTINGS & MATERIALS	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	28,074	---	---	---	28,074	21,713	22,364	23,035	23,726	21,713
O&M	**GAS DISTRIBUTION**	**SubTotal TOOLS FITTINGS & MATERIALS**				**Yes**			**28,074**	**---**	**---**	**---**	**28,074**	**21,713**	**22,364**	**23,035**	**23,726**	**21,713**
O&M	GAS DISTRIBUTION	R - LOCATE & MARK	Excavation Damage (Dig-In) on the Gas System	Locate and Mark Activities (HP)	Overall	No	On-going	Annual	1,752	---	---	---	1,752	1,581	1,628	1,677	1,727	1,581
O&M	GAS DISTRIBUTION	R - LOCATE & MARK	Excavation Damage (Dig-In) on the Gas System	Locate and Mark Activities (MP)	Overall	No	On-going	Annual	23,278	---	---	---	23,278	20,998	21,628	22,277	22,946	20,998
O&M	**GAS DISTRIBUTION**	**SubTotal R - LOCATE & MARK**				**Yes**			**25,030**	**---**	**---**	**---**	**25,030**	**22,579**	**23,256**	**23,954**	**24,673**	**22,579**

SoCalGas GAS DISTRIBUTION O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference ($)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
O&M	GAS DISTRIBUTION	GAS DISTRIBUTION				Yes	2,611	(17,139,741)	(177,103)	(182,447)	2,611	2%	-100%	-100%	-100%	2%
O&M	GAS DISTRIBUTION	ASSET MANAGEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	(3,228)	(15,039)	(15,490)	(15,955)	(3,228)	-22%	-100%	-100%	-100%	-22%
O&M	**GAS DISTRIBUTION**	**SubTotal ASSET MANAGEMENT**				**Yes**	**(3,228)**	**(15,039)**	**(15,490)**	**(15,955)**	**(3,228)**	**-22%**	**-100%**	**-100%**	**-100%**	**-22%**
O&M	GAS DISTRIBUTION	CATHODIC PROTECTION	Incident Related to the Medium Pressure System (Excluding Dig-in)	Cathodic Protection - 100 mV Requalification Calculations	Medium Pressure Mains-Steel	No	(1,269)	(1,327)	(1,367)	(1,408)	(1,269)	-99%	-100%	-100%	-100%	-99%
O&M	GAS DISTRIBUTION	CATHODIC PROTECTION	Incident Related to the Medium Pressure System (Excluding Dig-in)	Cathodic Protection - CP10 Activities	Medium Pressure Services - Steel	No	(952)	(2,348)	(2,418)	(2,491)	(952)	-42%	-100%	-100%	-100%	-42%
O&M	GAS DISTRIBUTION	CATHODIC PROTECTION	Incident Related to the Medium Pressure System (Excluding Dig-in)	Cathodic Protection Base Activities	High Pressure Supply Lines	No	(199)	(1,288)	(1,327)	(1,367)	(199)	-16%	-100%	-100%	-100%	-16%
O&M	GAS DISTRIBUTION	CATHODIC PROTECTION	Incident Related to the Medium Pressure System (Excluding Dig-in)	Cathodic Protection Base Activities	Medium Pressure Mains-Steel	No	(2,327)	(14,843)	(15,288)	(15,746)	(2,327)	-16%	-100%	-100%	-100%	-16%
O&M	**GAS DISTRIBUTION**	**SubTotal CATHODIC PROTECTION**				**Yes**	**(4,747)**	**(19,806)**	**(20,400)**	**(21,012)**	**(4,747)**	**-25%**	**-100%**	**-100%**	**-100%**	**-25%**
O&M	GAS DISTRIBUTION	FIELD SERVICES LEADERSHIP & OPERATIONS ASSESSMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	(48)	(468)	(482)	(496)	(48)	-11%	-100%	-100%	-100%	-11%
O&M	**GAS DISTRIBUTION**	**SubTotal FIELD SERVICES LEADERSHIP & OPERATIONS ASSESSMENT**				**Yes**	**(48)**	**(468)**	**(482)**	**(496)**	**(48)**	**-11%**	**-100%**	**-100%**	**-100%**	**-11%**
O&M	GAS DISTRIBUTION	FIELD SUPPORT	Non-RAMP	Non-RAMP	Non-RAMP	No	(432)	(18,756)	(19,317)	(19,896)	(432)	-2%	-100%	-100%	-100%	-2%
O&M	GAS DISTRIBUTION	FIELD SUPPORT	Excavation Damage (Dig-In) on the Gas System	Company Excavator Training (HP)	N/A	No	(16)	(20)	(21)	(22)	(16)	-86%	-100%	-100%	-100%	-86%
O&M	GAS DISTRIBUTION	FIELD SUPPORT	Excavation Damage (Dig-In) on the Gas System	Company Excavator Training (MP)	N/A	No	(211)	(254)	(262)	(270)	(211)	-86%	-100%	-100%	-100%	-86%
O&M	GAS DISTRIBUTION	FIELD SUPPORT	Excavation Damage (Dig-In) on the Gas System	Locate & Mark Training (HP)	N/A	No	(11)	(20)	(21)	(22)	(11)	-57%	-100%	-100%	-100%	-57%
O&M	GAS DISTRIBUTION	FIELD SUPPORT	Excavation Damage (Dig-In) on the Gas System	Locate & Mark Training (MP)	N/A	No	(136)	(252)	(260)	(268)	(136)	-55%	-100%	-100%	-100%	-55%
O&M	GAS DISTRIBUTION	FIELD SUPPORT	Excavation Damage (Dig-In) on the Gas System	Locate and Mark Annual Refresher Training and Competency Program (HP)	Overall	No	0	(2)	(2)	(2)	0	14%	-100%	-100%	-100%	14%
O&M	GAS DISTRIBUTION	FIELD SUPPORT	Excavation Damage (Dig-In) on the Gas System	Locate and Mark Annual Refresher Training and Competency Program (MP)	Overall	No	(6)	(37)	(38)	(39)	(6)	-16%	-100%	-100%	-100%	-16%
O&M	GAS DISTRIBUTION	FIELD SUPPORT	Incident Involving an Employee	Personal Protection Equipment (PPE)	Non-vehicle Incident	No	(2.5)	(12.5)	(12.9)	(13.3)	(2.5)	-20%	-100%	-100%	-100%	-20%
O&M	**GAS DISTRIBUTION**	**SubTotal FIELD SUPPORT**				**Yes**	**(837)**	**(19,466)**	**(20,059)**	**(20,652)**	**(837)**	**-4%**	**-100%**	**-100%**	**-100%**	**-4%**
O&M	GAS DISTRIBUTION	LEAK SURVEY	Incident Related to the Medium Pressure System (Excluding Dig-in)	Leak Survey	High Pressure Supply Lines	No	1,075	(2,766)	(2,849)	(2,934)	1,075	40%	-100%	-100%	-100%	40%

SoCalGas GAS DISTRIBUTION O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference ($)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
O&M	GAS DISTRIBUTION	LEAK SURVEY	Incident Related to the Medium Pressure System (Excluding Dig-in)	Leak Survey	Medium Pressure Mains Plastic & Steel	No	2,281	(5,880)	(6,056)	(6,238)	2,281	40%	-100%	-100%	-100%	40%
O&M	**GAS DISTRIBUTION**	**SubTotal LEAK SURVEY**				**Yes**	**3,356**	**(8,646)**	**(8,905)**	**(9,172)**	**3,356**	**40%**	**-100%**	**-100%**	**-100%**	**40%**

SoCalGas GAS DISTRIBUTION O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference ($)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
O&M	GAS DISTRIBUTION	LEAKAGE	Non-RAMP	Non-RAMP	Non-RAMP	No	(3,717)	(1,055)	(1,087)	(1,120)	(3,717)	-363%	-100%	-100%	-100%	-363%
O&M	GAS DISTRIBUTION	LEAKAGE	Incident Related to the Medium Pressure System (Excluding Digin)	Main & Service Leak Repair	High Pressure Supply Lines	No	(335)	(830)	(855)	(881)	(335)	-42%	-100%	-100%	-100%	-42%
O&M	GAS DISTRIBUTION	LEAKAGE	Incident Related to the Medium Pressure System (Excluding Digin)	Main & Service Leak Repair	Medium Pressure Mains-Plastic & Steel	No	(1,199)	(9,477)	(9,761)	(10,053)	(1,199)	-13%	-100%	-100%	-100%	-13%
O&M	GAS DISTRIBUTION	LEAKAGE	Incident Related to the Medium Pressure System (Excluding Digin)	Main & Service Leak Repair	Medium Pressure Service - Plastic & Steel	No	(942)	(8,404)	(8,656)	(8,916)	(942)	-12%	-100%	-100%	-100%	-12%
O&M	**GAS DISTRIBUTION**	**SubTotal MAIN MAINTENANCE**				**Yes**	**4,476**	**(6,776)**	**(6,979)**	**(7,188)**	**4,476**	**68%**	**-100%**	**-100%**	**-100%**	**68%**
O&M	GAS DISTRIBUTION	MEASUREMENT & REGULATION	Non-RAMP	Non-RAMP	Non-RAMP	No	18	(6,260)	(6,448)	(6,641)	18	0%	-100%	-100%	-100%	0%
O&M	GAS DISTRIBUTION	MEASUREMENT & REGULATION	Incident Related to the Medium Pressure System (Excluding Digin)	Meter & Regulator (M&R) Station and Electronic Pressure Monitors (EPM) Inspection and Maintenance	High Pressure Supply Lines	No	4	(826)	(851)	(877)	4	0%	-100%	-100%	-100%	0%
O&M	GAS DISTRIBUTION	MEASUREMENT & REGULATION	Incident Related to the Medium Pressure System (Excluding Digin)	Meter & Regulator (M&R) Station and Electronic Pressure Monitors (EPM) Inspection and Maintenance	Medium Pressure Mains-Plastic & Steel	No	10	(4,041)	(4,162)	(4,287)	10	0%	-100%	-100%	-100%	0%
O&M	GAS DISTRIBUTION	MEASUREMENT & REGULATION	Incident Related to the Medium Pressure System (Excluding Digin)	Meter Set Assembly (MSA) Inspection and Maintenance	Meter and Beyond the Meter	No	6	(1,660)	(1,710)	(1,761)	6	0%	-100%	-100%	-100%	0%
O&M	**GAS DISTRIBUTION**	**SubTotal MEASUREMENT & REGULATION**				**Yes**	**37**	**(12,787)**	**(13,171)**	**(13,566)**	**37**	**0%**	**-100%**	**-100%**	**-100%**	**0%**
O&M	GAS DISTRIBUTION	OPERATIONS & MANAGEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	(3,331)	(12,910)	(13,297)	(13,696)	(3,331)	-27%	-100%	-100%	-100%	-27%
O&M	GAS DISTRIBUTION	OPERATIONS & MANAGEMENT	Incident Related to the Medium Pressure System (Excluding Digin)	Company and Contractor Inspection on Gas Pipelines	Medium Pressure Mains-Plastic & Steel	No	(221)	(402)	(414)	(426)	(221)	-57%	-100%	-100%	-100%	-57%
O&M	**GAS DISTRIBUTION**	**SubTotal OPERATIONS & MANAGEMENT**				**Yes**	**(3,552)**	**(13,312)**	**(13,711)**	**(14,122)**	**(3,552)**	**-27%**	**-100%**	**-100%**	**-100%**	**-27%**
O&M	GAS DISTRIBUTION	REGIONAL PUBLIC AFFAIRS	Non-RAMP	Non-RAMP	Non-RAMP	No	(186)	(4,550)	(4,687)	(4,828)	(186)	-4%	-100%	-100%	-100%	-4%
O&M	**GAS DISTRIBUTION**	**SubTotal REGIONAL PUBLIC AFFAIRS**				**Yes**	**(186)**	**(4,550)**	**(4,687)**	**(4,828)**	**(186)**	**-4%**	**-100%**	**-100%**	**-100%**	**-4%**
O&M	GAS DISTRIBUTION	SERVICE MAINTENANCE	Non-RAMP	Non-RAMP	Non-RAMP	No	4,723	(5,738)	(5,910)	(6,087)	4,723	85%	-100%	-100%	-100%	85%
O&M	**GAS DISTRIBUTION**	**SubTotal SERVICE MAINTENANCE**				**Yes**	**4,723**	**(5,738)**	**(5,910)**	**(6,087)**	**4,723**	**85%**	**-100%**	**-100%**	**-100%**	**85%**
O&M	GAS DISTRIBUTION	TOOLS FITTINGS & MATERIALS	Non-RAMP	Non-RAMP	Non-RAMP	No	6,361	(22,364)	(23,035)	(23,726)	6,361	29%	-100%	-100%	-100%	29%
O&M	**GAS DISTRIBUTION**	**SubTotal TOOLS FITTINGS & MATERIALS**				**Yes**	**6,361**	**(22,364)**	**(23,035)**	**(23,726)**	**6,361**	**29%**	**-100%**	**-100%**	**-100%**	**29%**
O&M	GAS DISTRIBUTION	R - LOCATE & MARK	Excavation Damage (Dig-In) on the Gas System	Locate and Mark Activities (HP)	Overall	No	171	(1,628)	(1,677)	(1,727)	171	11%	-100%	-100%	-100%	11%
O&M	GAS DISTRIBUTION	R - LOCATE & MARK	Excavation Damage (Dig-In) on the Gas System	Locate and Mark Activities (MP)	Overall	No	2,280	(21,628)	(22,277)	(22,946)	2,280	11%	-100%	-100%	-100%	11%
O&M	**GAS DISTRIBUTION**	**SubTotal R - LOCATE & MARK**				**Yes**	**2,451**	**(23,256)**	**(23,954)**	**(24,673)**	**2,451**	**11%**	**-100%**	**-100%**	**-100%**	**11%**

SoCalGas GAS DISTRIBUTION O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
O&M	GAS DISTRIBUTION	GAS DISTRIBUTION				Yes																					
O&M	GAS DISTRIBUTION	ASSET MANAGEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	FTE	100				100	122				122	(21)	0	0	0	(21)	(18)%	0 %	0 %	0 %	(18)%
O&M	**GAS DISTRIBUTION**	**SubTotal ASSET MANAGEMENT**				**Yes**																					
O&M	GAS DISTRIBUTION	CATHODIC PROTECTION	Incident Related to the Medium Pressure System (Excluding Dig-in)	Cathodic Protection - 100 mV Requalification Calculations	Medium Pressure Mains - Steel	No	Work orders	15				15	497				497	(482)	0	0	0	(482)	(97)%	0 %	0 %	0 %	(97)%
O&M	GAS DISTRIBUTION	CATHODIC PROTECTION	Incident Related to the Medium Pressure System (Excluding Dig-in)	Cathodic Protection - CP10 Activities	Medium Pressure Services - Steel	No	Work orders	11,270				11,270	12,671				12,671	(1,401)	0	0	0	(1,401)	(11)%	0 %	0 %	0 %	(11)%
O&M	GAS DISTRIBUTION	CATHODIC PROTECTION	Incident Related to the Medium Pressure System (Excluding Dig-in)	Cathodic Protection Base Activities	High Pressure Supply Lines	No	Work orders	4,832				4,832	4,889				4,889	(57)	0	0	0	(57)	(1)%	0 %	0 %	0 %	(1)%
O&M	GAS DISTRIBUTION	CATHODIC PROTECTION	Incident Related to the Medium Pressure System (Excluding Dig-in)	Cathodic Protection Base Activities	Medium Pressure Mains - Steel	No	Work orders	36,896				36,896	37,341				37,341	(445)	0	0	0	(445)	(1)%	0 %	0 %	0 %	(1)%
O&M	**GAS DISTRIBUTION**	**SubTotal CATHODIC PROTECTION**				**Yes**																					
O&M	GAS DISTRIBUTION	FIELD SERVICES LEADERSHIP & OPERATIONS ASSESSMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	This activity consists of the labor and non-labor expenses for the Vice President of Gas Distribution Organization and non-labor expenses that benefit the entire organization. The variety of activities makes it infeasible to identify a single unit of measurement.																				
O&M	**GAS DISTRIBUTION**	**SubTotal FIELD SERVICES LEADERSHIP & OPERATIONS ASSESSMENT**				**Yes**																					
O&M	GAS DISTRIBUTION	FIELD SUPPORT	Non-RAMP	Non-RAMP	Non-RAMP	No	Recorded to Field Services Non-RAMP are a variety of support services to successfully complete daily Gas Distribution O&M activities. The primary components include clerical support, dispatch operations; meeting and training time, and materials support. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																				
O&M	GAS DISTRIBUTION	FIELD SUPPORT	Excavation Damage (Dig-In) on the Gas System	Company Excavator Training (HP)	N/A	No	Hours training	53				53	301				301	(248)	0	0	0	(248)	(82)%	0 %	0 %	0 %	(82)%
O&M	GAS DISTRIBUTION	FIELD SUPPORT	Excavation Damage (Dig-In) on the Gas System	Company Excavator Training (MP)	N/A	No	Hours training	700				700	3,995				3,995	(3,295)	0	0	0	(3,295)	(82)%	0 %	0 %	0 %	(82)%
O&M	GAS DISTRIBUTION	FIELD SUPPORT	Excavation Damage (Dig-In) on the Gas System	Locate & Mark Training (HP)	N/A	No	Hours training	168				168	325				325	(157)	0	0	0	(157)	(48)%	0 %	0 %	0 %	(48)%
O&M	GAS DISTRIBUTION	FIELD SUPPORT	Excavation Damage (Dig-In) on the Gas System	Locate & Mark Training (MP)	N/A	No	Hours training	2,238				2,238	4,321				4,321	(2,083)	0	0	0	(2,083)	(48)%	0 %	0 %	0 %	(48)%
O&M	GAS DISTRIBUTION	FIELD SUPPORT	Excavation Damage (Dig-In) on the Gas System	Locate and Mark Annual Refresher Training and Competency Program (HP)	Overall	No	Hours training	43				43	43				43	0	0	0	0	—	0 %	0 %	0 %	0 %	0 %
O&M	GAS DISTRIBUTION	FIELD SUPPORT	Excavation Damage (Dig-In) on the Gas System	Locate and Mark Annual Refresher Training and Competency Program (MP)	Overall	No	Hours training	568				568	565				565	3	0	0	0	3	1 %	0 %	0 %	0 %	1 %
O&M	GAS DISTRIBUTION	FIELD SUPPORT	Incident Involving an Employee	Personal Protection Equipment (PPE)	Non-vehicle Incident	No	Employees supported - boot allowance	873				873	994				994	(121)	0	0	0	(121)	(12)%	0 %	0 %	0 %	(12)%
O&M	**GAS DISTRIBUTION**	**SubTotal FIELD SUPPORT**				**Yes**																					
O&M	GAS DISTRIBUTION	LEAK SURVEY	Incident Related to the Medium Pressure System (Excluding Dig-in)	Leak Survey	High Pressure Supply Lines	No	Miles inspected	11,178				11,178	11,824				11,824	(646)	0	0	0	(646)	(5)%	0 %	0 %	0 %	(5)%

SoCalGas GAS DISTRIBUTION O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
O&M	GAS DISTRIBUTION	LEAK SURVEY	Incident Related to the Medium Pressure System (Excluding Dig-in)	Leak Survey	Medium Pressure Mains Plastic & Steel	No	Miles inspected	23,753				23,753	24,183				24,183	(430)	0	0	0	(430)	(2)%	0%	0%	0%	(2)%
O&M	**GAS DISTRIBUTION**	**SubTotal LEAK SURVEY**				**Yes**																					

SoCalGas GAS DISTRIBUTION O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
O&M	GAS DISTRIBUTION	LEAKAGE	Non-RAMP	Non-RAMP	Non-RAMP	No	The non-RAMP portion of the workpaper comprised of 3rd party damages, leak evaluations, meter set assembly (MSA) leak repairs, and service alterations. The variety of work activities make it infeasible to identify a single unit of measurement.																			
O&M	GAS DISTRIBUTION	LEAKAGE	Incident Related to the Medium Pressure System (Excluding Digs-in)	Main & Service Leak Repair	High Pressure Supply Lines	No	Orders	524				524	454				454	70	0	0	0	70	15%	0%	0%	0%	15%
O&M	GAS DISTRIBUTION	LEAKAGE	Incident Related to the Medium Pressure System (Excluding Digs-in)	Main & Service Leak Repair	Medium Pressure Main-Plastic & Steel	No	Orders	14,747				14,747	12,797				12,797	1,950	0	0	0	1,950	15%	0%	0%	0%	15%
O&M	GAS DISTRIBUTION	LEAKAGE	Incident Related to the Medium Pressure System (Excluding Digs-in)	Main & Service Leak Repair	Medium Pressure Service - Plastic & Steel	No	Orders	22,944				22,944	19,865				19,865	3,079	0	0	0	3,079	15%	0%	0%	0%	15%
O&M	**GAS DISTRIBUTION**	**SubTotal MAIN MAINTENANCE**				**Yes**																					
O&M	GAS DISTRIBUTION	MEASUREMENT & REGULATION	Non-RAMP	Non-RAMP	Non-RAMP	No	Work orders	12,716				12,716	12,022				12,022	694	0	0	0	694	6%	0%	0%	0%	6%
O&M	GAS DISTRIBUTION	MEASUREMENT & REGULATION	Incident Related to the Medium Pressure System (Excluding Digs-in)	Meter & Regulator (M&R) Station and Electronic Pressure Monitors (EPM) Inspection and Maintenance	High Pressure Supply Lines	No	Work orders issued	1,318				1,318	1,355				1,355	(37)	0	0	0	(37)	(3)%	0%	0%	0%	(3)%
O&M	GAS DISTRIBUTION	MEASUREMENT & REGULATION	Incident Related to the Medium Pressure System (Excluding Digs-in)	Meter & Regulator (M&R) Station and Electronic Pressure Monitors (EPM) Inspection and Maintenance	Medium Pressure Main-Plastic & Steel	No	Work orders issued	6,437				6,437	6,274				6,274	163	0	0	0	163	3%	0%	0%	0%	3%
O&M	GAS DISTRIBUTION	MEASUREMENT & REGULATION	Incident Related to the Medium Pressure System (Excluding Digs-in)	Meter Set Assembly (MSA) Inspection and Maintenance	Meter and Beyond the Meter	No	Work orders issued	6,316				6,316	7,683				7,683	(1,367)	0	0	0	(1,367)	(18)%	0%	0%	0%	(18)%
O&M	**GAS DISTRIBUTION**	**SubTotal MEASUREMENT & REGULATION**				**Yes**																					
O&M	GAS DISTRIBUTION	OPERATIONS & MANAGEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	FTE	61				61	92				92	(31)	0	0	0	(31)	(34)%	0%	0%	0%	(34)%
O&M	GAS DISTRIBUTION	OPERATIONS & MANAGEMENT	Incident Related to the Medium Pressure System (Excluding Digs-in)	Company and Contractor Inspection on Gas Pipelines	Medium Pressure Main-Plastic & Steel	No	Inspections	4,682				4,682	7,811				7,811	(3,129)	0	0	0	(3,129)	(40)%	0%	0%	0%	(40)%
O&M	**GAS DISTRIBUTION**	**SubTotal OPERATIONS & MANAGEMENT**				**Yes**																					
O&M	GAS DISTRIBUTION	REGIONAL PUBLIC AFFAIRS	Non-RAMP	Non-RAMP	Non-RAMP	No	FTE	29				29	29				29	0	0	0	0	0	0%	0%	0%	0%	0%
O&M	**GAS DISTRIBUTION**	**SubTotal REGIONAL PUBLIC AFFAIRS**				**Yes**																					
O&M	GAS DISTRIBUTION	SERVICE MAINTENANCE	Non-RAMP	Non-RAMP	Non-RAMP	No	Service maintenance orders	30,772				30,772	23,718				23,718	7,054	0	0	0	7,054	30%	0%	0%	0%	30%
O&M	**GAS DISTRIBUTION**	**SubTotal SERVICE MAINTENANCE**				**Yes**																					
O&M	GAS DISTRIBUTION	TOOLS FITTINGS & MATERIALS	Non-RAMP	Non-RAMP	Non-RAMP	No	Included in this category are materials used and expenses necessary for small tools, small pipe fittings, miscellaneous pipeline materials, and miscellaneous installation materials used during construction and maintenance activities and those held in inventory as vehicle truck stock. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																			
O&M	**GAS DISTRIBUTION**	**SubTotal TOOLS FITTINGS & MATERIALS**				**Yes**																					
O&M	GAS DISTRIBUTION	R - LOCATE & MARK	Excavation Damage (Dig-In) on the Gas System	Locate and Mark Activities (HP)	Overall	No	USA tickets	63,644				63,644	64,959				64,959	(1,315)	0	0	0	(1,315)	(2)%	0%	0%	0%	(2)%
O&M	GAS DISTRIBUTION	R - LOCATE & MARK	Excavation Damage (Dig-In) on the Gas System	Locate and Mark Activities (MP)	Overall	No	USA tickets	845,556				845,556	863,030				863,030	(17,474)	0	0	0	(17,474)	(2)%	0%	0%	0%	(2)%
O&M	**GAS DISTRIBUTION**	**SubTotal R - LOCATE & MARK**				**Yes**																					

SoCalGas GAS DISTRIBUTION O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Safety, Reliability, or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status	Status Variance Explanation Required?
O&M	GAS DISTRIBUTION	GAS DISTRIBUTION				Yes										
O&M	GAS DISTRIBUTION	ASSET MANAGEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	YES	NO	The costs in this workpaper are primarily associated with the O&M labor associated with planning and engineering resources. The variance is due to lower than forecasted labor while maintaining operational compliance and efficiency waiting for the TY 2024 GRC decision, which was not issued until December 2024.	N/A	On Target (T)	On Target (T)	Under (U)	Proceeding as Planned	NO
O&M	**GAS DISTRIBUTION**	**SubTotal ASSET MANAGEMENT**				**Yes**	**YES**	**YES**								**NO**
O&M	GAS DISTRIBUTION	CATHODIC PROTECTION	Incident Related to the Medium Pressure System (Excluding Dig-in)	Cathodic Protection - 100 mV Requalification Calculations	Medium Pressure Mains-Steel	No	YES	YES	YES	The 100mV requalification RAMP activity was established based on a Safety Enforcement Division's (SED) directive. In November 2023, with SED concurrence, the 100mV 10-year requalification cycle was removed from SoCalGas's policy.	The 100mV requalification RAMP activity was established based on a Safety Enforcement Division's (SED) directive. In November 2023, with SED concurrence, the 100mV 10-year requalification cycle was removed from SoCalGas's policy.	Under (U)	Under (U)	Under (U)	Canceled	NO
O&M	GAS DISTRIBUTION	CATHODIC PROTECTION	Incident Related to the Medium Pressure System (Excluding Dig-in)	Cathodic Protection - CP10 Activities	Medium Pressure Services - Steel	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	GAS DISTRIBUTION	CATHODIC PROTECTION	Incident Related to the Medium Pressure System (Excluding Dig-in)	Cathodic Protection Base Activities	High Pressure Supply Lines	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	GAS DISTRIBUTION	CATHODIC PROTECTION	Incident Related to the Medium Pressure System (Excluding Dig-in)	Cathodic Protection Base Activities	Medium Pressure Mains-Steel	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**GAS DISTRIBUTION**	**SubTotal CATHODIC PROTECTION**				**Yes**	**YES**	**YES**								**NO**
O&M	GAS DISTRIBUTION	FIELD SERVICES LEADERSHIP & OPERATIONS ASSESSMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**GAS DISTRIBUTION**	**SubTotal FIELD SERVICES LEADERSHIP & OPERATIONS ASSESSMENT**				**Yes**	**YES**	**NO**								**NO**
O&M	GAS DISTRIBUTION	FIELD SUPPORT	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	GAS DISTRIBUTION	FIELD SUPPORT	Excavation Damage (Dig-In) on the Gas System	Company Excavator Training (HP)	N/A	No	YES	NO	YES	N/A	Training is performed on an as needed basis. Generally, training is needed when employees transfer into a position that requires specific training. The training needs were lower than forecasted for 2024.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	GAS DISTRIBUTION	FIELD SUPPORT	Excavation Damage (Dig-In) on the Gas System	Company Excavator Training (MP)	N/A	No	YES	NO	YES	N/A	Training is performed on an as needed basis. Generally, training is needed when employees transfer into a position that requires specific training. The training needs were lower than forecasted for 2024.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	GAS DISTRIBUTION	FIELD SUPPORT	Excavation Damage (Dig-In) on the Gas System	Locate & Mark Training (HP)	N/A	No	YES	NO	YES	N/A	Training is performed on an as needed basis. Generally, training is needed when employees transfer into a position that requires specific training. The training needs were lower than forecasted for 2024.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	GAS DISTRIBUTION	FIELD SUPPORT	Excavation Damage (Dig-In) on the Gas System	Locate & Mark Training (MP)	N/A	No	YES	NO	YES	N/A	Training is performed on an as needed basis. Generally, training is needed when employees transfer into a position that requires specific training. The training needs were lower than forecasted for 2024.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	GAS DISTRIBUTION	FIELD SUPPORT	Excavation Damage (Dig-In) on the Gas System	Locate and Mark Annual Refresher Training and Competency Program (HP)	Overall	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	GAS DISTRIBUTION	FIELD SUPPORT	Excavation Damage (Dig-In) on the Gas System	Locate and Mark Annual Refresher Training and Competency Program (MP)	Overall	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	GAS DISTRIBUTION	FIELD SUPPORT	Incident Involving an Employee	Personal Protection Equipment (PPE)	Non-vehicle Incident	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**GAS DISTRIBUTION**	**SubTotal FIELD SUPPORT**				**Yes**	**YES**	**NO**								**NO**
O&M	GAS DISTRIBUTION	LEAK SURVEY	Incident Related to the Medium Pressure System (Excluding Dig-in)	Leak Survey	High Pressure Supply Lines	No	YES	YES	NO	Leak Survey units were similar to historic levels, but the anticipated efficiencies outlined in the GRC testimony, resulting from the Transforming Our Business (TOB) initiative, did not produce as much savings as anticipated. Nonetheless, the hiring of Leak Survey Technicians (LSTs) allows for SoCalGas to complete this work at a lower unit rate than the higher classifications that would have otherwise performed this activity.	N/A	On Target (T)	On Target (T)	Over (O)	Proceeding as Planned	NO

SoCalGas GAS DISTRIBUTION O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Safety, Reliability, or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status	Status Variance Explanation Required?
O&M	GAS DISTRIBUTION	LEAK SURVEY	Incident Related to the Medium Pressure System (Excluding Dig-in)	Leak Survey	Medium Pressure Mains - Plastic & Steel	No	YES	YES	NO	Leak Survey units were similar to historic levels, but the anticipated efficiencies outlined in the GRC testimony, resulting from the TOB initiative, did not produce as much savings as anticipated. Nonetheless, the hiring of LSTs allows for SoCalGas to complete this work at a lower unit rate than the higher classifications that would have otherwise performed this activity.	N/A	On Target (T)	On Target (T)	Over (O)	Proceeding as Planned	NO
O&M	**GAS DISTRIBUTION**	**SubTotal LEAK SURVEY**				**Yes**	**YES**	**YES**								**NO**

SoCalGas GAS DISTRIBUTION O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Safety, Reliability, or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status	Status Variance Explanation Required?
O&M	GAS DISTRIBUTION	LEAKAGE	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	YES	NO	The variance in this category is attributed to a combination of fewer damages incurring costs and higher credits received for third-party damages in 2024. Damage credits represent the return of costs previously incurred as a result of a damaged pipeline. The collection of the damage credit can occur in a different year as the damage itself.	N/A	On Target (T)	On Target (T)	Under (U)	Proceeding as Planned	NO
O&M	GAS DISTRIBUTION	LEAKAGE	Incident Related to the Medium Pressure System (Excluding Digs-in)	Main & Service Leak Repair	High Pressure Supply Lines	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	GAS DISTRIBUTION	LEAKAGE	Incident Related to the Medium Pressure System (Excluding Digs-in)	Main & Service Leak Repair	Medium Pressure Main-Plastic & Steel	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	GAS DISTRIBUTION	LEAKAGE	Incident Related to the Medium Pressure System (Excluding Digs-in)	Main & Service Leak Repair	Medium Pressure Service - Plastic & Steel	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**GAS DISTRIBUTION**	**SubTotal MAIN MAINTENANCE**				**Yes**	**YES**	**YES**								**NO**
O&M	GAS DISTRIBUTION	MEASUREMENT & REGULATION	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	GAS DISTRIBUTION	MEASUREMENT & REGULATION	Incident Related to the Medium Pressure System (Excluding Digs-in)	Meter & Regulator (M&R) Station and Electronic Pressure Monitors (EPM) Inspection and Maintenance	High Pressure Supply Lines	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	GAS DISTRIBUTION	MEASUREMENT & REGULATION	Incident Related to the Medium Pressure System (Excluding Digs-in)	Meter & Regulator (M&R) Station and Electronic Pressure Monitors (EPM) Inspection and Maintenance	Medium Pressure Main-Plastic & Steel	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	GAS DISTRIBUTION	MEASUREMENT & REGULATION	Incident Related to the Medium Pressure System (Excluding Digs-in)	Meter Set Assembly (MSA) Inspection and Maintenance	Meter and Beyond the Meter	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**GAS DISTRIBUTION**	**SubTotal MEASUREMENT & REGULATION**				**Yes**	**YES**	**NO**								**NO**
O&M	GAS DISTRIBUTION	OPERATIONS & MANAGEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	YES	YES	The costs in this workpaper are primarily associated with O&M labor for Field Supervision resources. The variance is due to lower than forecasted labor while maintaining operational compliance and efficiency waiting for the TY 2024 GRC decision, which was not issued until December 2024.	The costs in this workpaper are primarily associated with O&M labor for Field Supervision resources. The variance is due to lower than forecasted FTEs while maintaining operational compliance and efficiency waiting for the TY 2024 GRC decision, which was not issued until December 2024.	On Target (T)	On Target (T)	Under (U)	Proceeding as Planned	NO
O&M	GAS DISTRIBUTION	OPERATIONS & MANAGEMENT	Incident Related to the Medium Pressure System (Excluding Digs-in)	Company and Contractor Inspection on Gas Pipelines	Medium Pressure Main-Plastic & Steel	No	YES	NO	YES	N/A	With lower FTEs, fewer inspections were completed than forecasted.	On Target (T)	On Target (T)	Under (U)	Proceeding as Planned	NO
O&M	**GAS DISTRIBUTION**	**SubTotal OPERATIONS & MANAGEMENT**				**Yes**	**YES**	**YES**								**NO**
O&M	GAS DISTRIBUTION	REGIONAL PUBLIC AFFAIRS	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**GAS DISTRIBUTION**	**SubTotal REGIONAL PUBLIC AFFAIRS**				**Yes**	**YES**	**NO**								**NO**
O&M	GAS DISTRIBUTION	SERVICE MAINTENANCE	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	YES	YES	Service maintenance work is primarily comprised of meter set assembly (MSA) alterations, riser maintenance, miscellaneous service, and MSA maintenance and is responsive to conditions identified in the field. Through MSA inspections performed, more conditions requiring maintenance were identified than forecasted.	Service maintenance work is primarily comprised of MSA alterations, riser maintenance, miscellaneous service, and MSA maintenance and is responsive to conditions identified in the field. Through MSA inspections performed, more conditions requiring maintenance were identified than forecasted.	On Target (T)	On Target (T)	Over (O)	Proceeding as Planned	NO
O&M	**GAS DISTRIBUTION**	**SubTotal SERVICE MAINTENANCE**				**Yes**	**YES**	**YES**								**NO**
O&M	GAS DISTRIBUTION	TOOLS FITTINGS & MATERIALS	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	YES	NO	As forecasted in the 2024 GRC compared to the authorized amount, SoCalGas has been experiencing and continues to expect significant increases in material cost from its vendors and manufacturers. This upward trend in material costs is driven by various factors, including market volatility, supply chain disruptions, and inflationary pressures.	N/A	On Target (T)	On Target (T)	Over (O)	Proceeding as Planned	NO
O&M	**GAS DISTRIBUTION**	**SubTotal TOOLS FITTINGS & MATERIALS**				**Yes**	**YES**	**YES**								**NO**
O&M	GAS DISTRIBUTION	R - LOCATE & MARK	Excavation Damage (Dig-In) on the Gas System	Locate and Mark Activities (HP)	Overall	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	GAS DISTRIBUTION	R - LOCATE & MARK	Excavation Damage (Dig-In) on the Gas System	Locate and Mark Activities (MP)	Overall	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**GAS DISTRIBUTION**	**SubTotal R - LOCATE & MARK**				**Yes**	**YES**	**NO**								**NO**

SoCalGas GAS DISTRIBUTION O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Status Variance Explanation	WP Activity Description	2024 GRC Testimony Location
O&M	GAS DISTRIBUTION	GAS DISTRIBUTION				Yes			
O&M	GAS DISTRIBUTION	ASSET MANAGEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A	SoCalGas's PMO, Project Management, Planning, and Engineering departments provide many of the technical and administrative services needed for the successful and timely completion of the O&M activities in Gas Distribution. This workgroup records the labor and non-labor costs for services provided by these departments. Activities performed by PMO, Project Management, Planning, and Engineering include identifying construction design requirements, evaluating pressure specifications, conducting pipeline planning, providing project drawings, identifying material selection, preparing work order estimates, acquiring third-party contract services, and obtaining permits for construction from city, county, state, and federal agencies.	SCG-04-R-E MAA-59 to MAA-63 WP 2GD009.000
O&M	**GAS DISTRIBUTION**	**SubTotal ASSET MANAGEMENT**				**Yes**			
O&M	GAS DISTRIBUTION	CATHODIC PROTECTION	Incident Related to the Medium Pressure System (Excluding Digin)	Cathodic Protection - 100 mV Requalification Calculations	Medium Pressure Mains-Steel	No	N/A	In addition to the application of coating and electric isolation, Cathodic Protection (CP) is one method for mitigating external corrosion on steel pipelines. CP uses both magnesium anodes and rectifier stations to impose a negative charge on the pipeline. Additionally, test stations are installed to monitor the CP system and insulators are placed on the mains to isolate CP areas. This workgroup addresses the resulting identified field maintenance requirements. Examples of maintenance activities performed within this workgroup include, installing anodes, clearing underground shorts created by two pipelines touching each other, repairing or replacing broken wires to anodes or test stations, raising test station lids as a result of the re-pavement of streets adding test points on pipelines, and installing insulators on mains and services. The Cathodic Protection workgroup includes three RAMP activities supporting SCG RAMP Chapter 3 Incident Related to the Medium Pressure System. The identified RAMP activities are C01 Cathodic Protection Base Activities, C02 Cathodic Protection – CP10 Activities, and C03 Cathodic Protection – 100mV Requalification.	SCG-04-R-E MAA-49 to MAA-53 WP 2GD008.000
O&M	GAS DISTRIBUTION	CATHODIC PROTECTION	Incident Related to the Medium Pressure System (Excluding Digin)	Cathodic Protection - CP10 Activities	Medium Pressure Services - Steel	No	N/A		
O&M	GAS DISTRIBUTION	CATHODIC PROTECTION	Incident Related to the Medium Pressure System (Excluding Digin)	Cathodic Protection Base Activities	High Pressure Supply Lines	No	N/A		
O&M	GAS DISTRIBUTION	CATHODIC PROTECTION	Incident Related to the Medium Pressure System (Excluding Digin)	Cathodic Protection Base Activities	Medium Pressure Mains-Steel	No	N/A		
O&M	**GAS DISTRIBUTION**	**SubTotal CATHODIC PROTECTION**				**Yes**			
O&M	GAS DISTRIBUTION	FIELD SERVICES LEADERSHIP & OPERATIONS ASSESSMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
O&M	**GAS DISTRIBUTION**	**SubTotal FIELD SERVICES LEADERSHIP & OPERATIONS ASSESSMENT**				**Yes**			
O&M	GAS DISTRIBUTION	FIELD SUPPORT	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
O&M	GAS DISTRIBUTION	FIELD SUPPORT	Excavation Damage (Dig-In) on the Gas System	Company Excavator Training (HP)	N/A	No	N/A	Recorded to this work group are labor expenses for dispatch employees, and field employees' time attending meetings and skills training. Also included are non-labor expenses for office supplies, communication devices and materials, and other elements for field maintenance work. These labor and non-labor materials are necessary to support costs for completing field operations' maintenance and construction work.	SCG-04-R-E MAA-53 to MAA-57 WP 2GD000.000
O&M	GAS DISTRIBUTION	FIELD SUPPORT	Excavation Damage (Dig-In) on the Gas System	Company Excavator Training (MP)	N/A	No	N/A	Recorded to this work group are labor expenses for dispatch employees, and field employees' time attending meetings and skills training. Also included are non-labor expenses for office supplies, communication devices and materials, and other elements for field maintenance work. These labor and non-labor materials are necessary to support costs for completing field operations' maintenance and construction work.	SCG-04-R-E MAA-53 to MAA-57 WP 2GD000.000
O&M	GAS DISTRIBUTION	FIELD SUPPORT	Excavation Damage (Dig-In) on the Gas System	Locate & Mark Training (HP)	N/A	No	N/A	Recorded to this work group are labor expenses for dispatch employees, and field employees' time attending meetings and skills training. Also included are non-labor expenses for office supplies, communication devices and materials, and other elements for field maintenance work. These labor and non-labor materials are necessary to support costs for completing field operations' maintenance and construction work.	SCG-04-R-E MAA-53 to MAA-57 WP 2GD000.000
O&M	GAS DISTRIBUTION	FIELD SUPPORT	Excavation Damage (Dig-In) on the Gas System	Locate & Mark Training (MP)	N/A	No	N/A	Recorded to this work group are labor expenses for dispatch employees, and field employees' time attending meetings and skills training. Also included are non-labor expenses for office supplies, communication devices and materials, and other elements for field maintenance work. These labor and non-labor materials are necessary to support costs for completing field operations' maintenance and construction work.	SCG-04-R-E MAA-53 to MAA-57 WP 2GD000.000
O&M	GAS DISTRIBUTION	FIELD SUPPORT	Excavation Damage (Dig-In) on the Gas System	Locate and Mark Annual Refresher Training and Competency Program (HP)	Overall	No	N/A		
O&M	GAS DISTRIBUTION	FIELD SUPPORT	Excavation Damage (Dig-In) on the Gas System	Locate and Mark Annual Refresher Training and Competency Program (MP)	Overall	No	N/A		
O&M	GAS DISTRIBUTION	FIELD SUPPORT	Incident Involving an Employee	Personal Protection Equipment (PPE)	Non-vehicle Incident	No	N/A		
O&M	**GAS DISTRIBUTION**	**SubTotal FIELD SUPPORT**				**Yes**			
O&M	GAS DISTRIBUTION	LEAK SURVEY	Incident Related to the Medium Pressure System (Excluding Digin)	Leak Survey	High Pressure Supply Lines	No	N/A	Recorded to this workgroup are the labor and non-labor expenses associated with federal and state pipeline safety regulations, which require SoCalGas to survey its gas distribution system for leakage. SoCalGas pipelines are routinely leak surveyed at intervals of one or five years or multiple times per year. The frequency of this survey is determined by the pipe material involved (i.e., plastic or steel), the operating pressure, the cathodic protection of the pipe, and the proximity of the pipe to various population densities. SoCalGas currently has approximately 101,681 miles of main and service pipeline requiring leak survey.	SCG-04-R-E MAA-24 to MAA-28 WP 2GD001.000

SoCalGas GAS DISTRIBUTION O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Status Variance Explanation	WP Activity Description	2024 GRC Testimony Location
O&M	GAS DISTRIBUTION	LEAK SURVEY	Incident Related to the Medium Pressure System (Excluding Dig-in)	Leak Survey	Medium Pressure Mains - Plastic & Steel	No	N/A	Recorded to this workgroup are the labor and non-labor expenses associated with federal and state pipeline safety regulations, which require SoCalGas to survey its gas distribution system for leakage. SoCalGas pipelines are routinely leak surveyed at intervals of one or five years or multiple times per year. The frequency of this survey is determined by the pipe material involved (i.e., plastic or steel), the operating pressure, the cathodic protection of the pipe, and the proximity of the pipe to various population densities. SoCalGas currently has approximately 101,603 miles of main and service pipeline requiring leak survey.	SCG-04-R-E MAA-24 to MAA-28 WP 2GD001.000
O&M	**GAS DISTRIBUTION**	**SubTotal LEAK SURVEY**				**Yes**			

SoCalGas GAS DISTRIBUTION O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Status Variance Explanation	WP Activity Description	2024 GRC Testimony Location
O&M	GAS DISTRIBUTION	LEAKAGE	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A	Leakage work is required to keep the natural gas system operating safely and reliably. The work in this workgroup is designed to meet federal, i.e., 49 CFR 192, and state, i.e. CPUC General Order 112-F, Pipeline safety regulations and to extend the life of Distribution main and service pipelines. Leakage work is primarily comprised of leak evaluations, main leak repairs, service leak repairs, meter set assembly (MSA) leak repairs, and service alterations	SCG-04-R-E MAA-44 to MAA-49 WP 2GD006.000
O&M	GAS DISTRIBUTION	LEAKAGE	Incident Related to the Medium Pressure System (Excluding Dig-in)	Main & Service Leak Repair	High Pressure Supply Lines	No	N/A		
O&M	GAS DISTRIBUTION	LEAKAGE	Incident Related to the Medium Pressure System (Excluding Dig-in)	Main & Service Leak Repair	Medium Pressure Mains-Plastic & Steel	No	N/A		
O&M	GAS DISTRIBUTION	LEAKAGE	Incident Related to the Medium Pressure System (Excluding Dig-in)	Main & Service Leak Repair	Medium Pressure Service - Plastic & Steel	No	N/A		
O&M	**GAS DISTRIBUTION**	**SubTotal MAIN MAINTENANCE**				**Yes**			
O&M	GAS DISTRIBUTION	MEASUREMENT & REGULATION	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
O&M	GAS DISTRIBUTION	MEASUREMENT & REGULATION	Incident Related to the Medium Pressure System (Excluding Dig-in)	Meter & Regulator (M&R) Station and Electronic Pressure Monitors (EPM) Inspection and Maintenance	High Pressure Supply Lines	No	N/A		
O&M	GAS DISTRIBUTION	MEASUREMENT & REGULATION	Incident Related to the Medium Pressure System (Excluding Dig-in)	Meter & Regulator (M&R) Station and Electronic Pressure Monitors (EPM) Inspection and Maintenance	Medium Pressure Mains-Plastic & Steel	No	N/A		
O&M	GAS DISTRIBUTION	MEASUREMENT & REGULATION	Incident Related to the Medium Pressure System (Excluding Dig-in)	Meter Set Assembly (MSA) Inspection and Maintenance	Meter and Beyond the Meter	No	N/A		
O&M	**GAS DISTRIBUTION**	**SubTotal MEASUREMENT & REGULATION**				**Yes**			
O&M	GAS DISTRIBUTION	OPERATIONS & MANAGEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A	This work category includes costs for operations leadership, field management and operations support, all of which are necessary for SoCalGas to provide customers with safe and reliable service. Operations leadership covers costs for company leaders responsible for setting the tone and direction of their organization. Field management is responsible for overall management of the workforce dedicated to the planning and completion of Gas Distribution pipeline maintenance and installation activities.	SCG-04-R-E MAA-63 to MAA-66 WP 2GD010.000
O&M	GAS DISTRIBUTION	OPERATIONS & MANAGEMENT	Incident Related to the Medium Pressure System (Excluding Dig-in)	Company and Contractor Inspection on Gas Pipelines	Medium Pressure Mains-Plastic & Steel	No	N/A	This work category includes costs for operations leadership, field management and operations support, all of which are necessary for SoCalGas to provide customers with safe and reliable service. Operations leadership covers costs for company leaders responsible for setting the tone and direction of their organization. Field management is responsible for overall management of the workforce dedicated to the planning and completion of Gas Distribution pipeline maintenance and installation activities.	SCG-04-R-E MAA-63 to MAA-66 WP 2GD010.000
O&M	**GAS DISTRIBUTION**	**SubTotal OPERATIONS & MANAGEMENT**				**Yes**			
O&M	GAS DISTRIBUTION	REGIONAL PUBLIC AFFAIRS	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
O&M	**GAS DISTRIBUTION**	**SubTotal REGIONAL PUBLIC AFFAIRS**				**Yes**			
O&M	GAS DISTRIBUTION	SERVICE MAINTENANCE	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A	Service maintenance work is generally corrective in nature and is required to keep the natural gas system operating safely and reliably. The work in this workgroup is designed to meet federal and state pipeline safety regulations and to extend the life of the distribution service pipeline system. Service maintenance work is primary comprised of meter set assembly (MSA) alterations, riser maintenance, and miscellaneous service and MSA maintenance.	SCG-04-R-E MAA-42 to MAA-44 WP 2GD004.000
O&M	**GAS DISTRIBUTION**	**SubTotal SERVICE MAINTENANCE**				**Yes**			
O&M	GAS DISTRIBUTION	TOOLS FITTINGS & MATERIALS	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A	Recorded to this workgroup is the purchase of small tools, small pipe fittings, miscellaneous pipeline materials, and miscellaneous installation materials used during construction and maintenance activities and those held in inventory as vehicle truck stock. These materials are necessary to obtain complete and safe work results. Included within each category of materials are items such as small tools – screwdrivers, wrenches, etc., small pipe fittings – couplings, ells, nipples, etc., miscellaneous pipeline materials – bolts, stakes, pipe straps, traffic vests, etc., and miscellaneous installation materials – cold patch asphalt, pre-mixed concrete, etc. Also recorded to this workgroup are expenses for the rental and laundering of uniforms.	SCG-04-R-E MAA-58 to MAA-59 WP 2GD005.000
O&M	**GAS DISTRIBUTION**	**SubTotal TOOLS FITTINGS & MATERIALS**				**Yes**			
O&M	GAS DISTRIBUTION	R - LOCATE & MARK	Excavation Damage (Dig-In) on the Gas System	Locate and Mark Activities (HP)	Overall	No	N/A		
O&M	GAS DISTRIBUTION	R - LOCATE & MARK	Excavation Damage (Dig-In) on the Gas System	Locate and Mark Activities (MP)	Overall	No	N/A		
O&M	**GAS DISTRIBUTION**	**SubTotal R - LOCATE & MARK**				**Yes**			

SoCalGas GAS INTEGRITY MANAGEMENT PROGRAMS O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date ($)
O&M	GAS INTEGRITY MANAGEMENT PROGRAMS	GAS INTEGRITY MANAGEMENT PROGRAMS				Yes			3,591	—	—	—	3,591	1,972	1,928	1,905	2,014	1,972
O&M	GAS INTEGRITY PROGRAMS	GAS SAFETY ENHANCEMENT PROGRAMS SUPPORT FOR SDG&E	Incident Related to the High Pressure System (Excluding Dig-in)	Gas Transmission Safety Rule - MAOP Reconfirmation (HCA and Non-HCA)	Transmission - HCA	No	14	4	150	—	—	—	150	10	10	10	10	10
O&M	GAS INTEGRITY PROGRAMS	GAS SAFETY ENHANCEMENT PROGRAMS SUPPORT FOR SDG&E	Incident Related to the High Pressure System (Excluding Dig-in)	Gas Transmission Safety Rule - MAOP Reconfirmation (HCA and Non-HCA)	Transmission - Non-HCA	No	14	4	23	—	—	—	23	2	2	2	2	2
O&M	GAS INTEGRITY PROGRAMS	GAS SAFETY ENHANCEMENT PROGRAMS SUPPORT FOR SDG&E	Incident Related to the High Pressure System (Excluding Dig-in)	NEW - Gas Transmission Safety Program (GTSR) Part 2	Transmission - HCA & non-HCA	No	On-going	Annual	59	—	—	—	59	2	2	2	2	2
O&M	GAS INTEGRITY PROGRAMS	GAS SAFETY ENHANCEMENT PROGRAMS SUPPORT FOR SDG&E	Incident Related to the High Pressure System (Excluding Dig-in)	Transmission - HCA & non-HCA	Overall	No	On-going	Annual	2	—	—	—	2	2	2	2	2	2
O&M	**GAS INTEGRITY PROGRAMS**	**Sub Total GAS SAFETY ENHANCEMENT PROGRAMS SUPPORT FOR SDG&E**				**Yes**			**234**	**—**	**—**	**—**	**234**	**16**	**16**	**16**	**16**	**16**
O&M	GAS INTEGRITY PROGRAMS	GAS SAFETY ENHANCEMENT PROGRAMS	Incident Related to the High Pressure System (Excluding Dig-in)	Gas Transmission Safety Rule - MAOP Reconfirmation (HCA and Non-HCA)	Transmission - HCA	No	14	4	2,316	—	—	—	2,316	858	884	910	937	858
O&M	GAS INTEGRITY PROGRAMS	GAS SAFETY ENHANCEMENT PROGRAMS	Incident Related to the High Pressure System (Excluding Dig-in)	Gas Transmission Safety Rule - MAOP Reconfirmation (HCA and Non-HCA)	Transmission - Non-HCA	No	14	4	738	—	—	—	738	263	271	279	287	263
O&M	GAS INTEGRITY PROGRAMS	GAS SAFETY ENHANCEMENT PROGRAMS	Incident Related to the High Pressure System (Excluding Dig-in)	NEW - Gas Transmission Safety Program (GTSR) Part 2	Transmission - HCA & non-HCA	No	On-going	Annual	302	—	—	—	302	308	317	327	337	308
O&M	GAS INTEGRITY PROGRAMS	GAS SAFETY ENHANCEMENT PROGRAMS	Incident Related to the High Pressure System (Excluding Dig-in)	NEW - Valve Rule	Transmission - HCA & non-HCA	No	On-going	Annual	—	—	—	—	—	427	440	453	467	427
O&M	**GAS INTEGRITY PROGRAMS**	**Sub Total GAS SAFETY ENHANCEMENT PROGRAMS**				**Yes**			**3,357**	**—**	**—**	**—**	**3,357**	**1,856**	**1,912**	**1,969**	**2,028**	**1,856**

SoCalGas GAS INTEGRITY MANAGEMENT PROGRAMS O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference ($)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
O&M	GAS INTEGRITY MANAGEMENT PROGRAMS	GAS INTEGRITY MANAGEMENT PROGRAMS				Yes	1,719	(1,928)	(1,969)	(2,044)	1,719	93%	-100%	-100%	-100%	93%
O&M	GAS INTEGRITY PROGRAMS	GAS SAFETY ENHANCEMENT PROGRAMS SUPPORT FOR SDG&E	Incident Related to the High Pressure System (Excluding Dig-in)	Gas Transmission Safety Rule - MAOP Reconfirmation (HCA and Non-HCA)	Transmission - HCA	No	140	(10)	(10)	(10)	140	1400%	-100%	-100%	-100%	1400%
O&M	GAS INTEGRITY PROGRAMS	GAS SAFETY ENHANCEMENT PROGRAMS SUPPORT FOR SDG&E	Incident Related to the High Pressure System (Excluding Dig-in)	Gas Transmission Safety Rule - MAOP Reconfirmation (HCA and Non-HCA)	Transmission - Non-HCA	No	21	(2)	(2)	(2)	21	1072%	-100%	-100%	-100%	1072%
O&M	GAS INTEGRITY PROGRAMS	GAS SAFETY ENHANCEMENT PROGRAMS SUPPORT FOR SDG&E	Incident Related to the High Pressure System (Excluding Dig-in)	NEW - Gas Transmission Safety Program (GTSR) Part 2	Transmission - HCA & non-HCA	No	57	(2)	(2)	(2)	57	2831%	-100%	-100%	-100%	2831%
O&M	GAS INTEGRITY PROGRAMS	GAS SAFETY ENHANCEMENT PROGRAMS SUPPORT FOR SDG&E	Incident Related to the High Pressure System (Excluding Dig-in)	Transmission - HCA & non-HCA	Overall	No	0	(2)	(2)	(2)	0	17%	-100%	-100%	-100%	17%
O&M	**GAS INTEGRITY PROGRAMS**	**Sub Total GAS SAFETY ENHANCEMENT PROGRAMS SUPPORT FOR SDG&E**				**Yes**	**218**	**(16)**	**(16)**	**(16)**	**218**	**1365%**	**-100%**	**-100%**	**-100%**	**1365%**
O&M	GAS INTEGRITY PROGRAMS	GAS SAFETY ENHANCEMENT PROGRAMS	Incident Related to the High Pressure System (Excluding Dig-in)	Gas Transmission Safety Rule - MAOP Reconfirmation (HCA and Non-HCA)	Transmission - HCA	No	1,458	(884)	(910)	(937)	1,458	170%	-100%	-100%	-100%	170%
O&M	GAS INTEGRITY PROGRAMS	GAS SAFETY ENHANCEMENT PROGRAMS	Incident Related to the High Pressure System (Excluding Dig-in)	Gas Transmission Safety Rule - MAOP Reconfirmation (HCA and Non-HCA)	Transmission - Non-HCA	No	475	(271)	(279)	(287)	475	181%	-100%	-100%	-100%	181%
O&M	GAS INTEGRITY PROGRAMS	GAS SAFETY ENHANCEMENT PROGRAMS	Incident Related to the High Pressure System (Excluding Dig-in)	NEW - Gas Transmission Safety Program (GTSR) Part 2	Transmission - HCA & non-HCA	No	(6)	(317)	(327)	(337)	(6)	-2%	-100%	-100%	-100%	-2%
O&M	GAS INTEGRITY PROGRAMS	GAS SAFETY ENHANCEMENT PROGRAMS	Incident Related to the High Pressure System (Excluding Dig-in)	NEW - Valve Rule	Transmission - HCA & non-HCA	No	(427)	(440)	(453)	(467)	(427)	-100%	-100%	-100%	-100%	-100%
O&M	**GAS INTEGRITY PROGRAMS**	**Sub Total GAS SAFETY ENHANCEMENT PROGRAMS**				**Yes**	**1,501**	**(1,912)**	**(1,969)**	**(2,028)**	**1,501**	**81%**	**-100%**	**-100%**	**-100%**	**81%**

SoCalGas GAS INTEGRITY MANAGEMENT PROGRAMS O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
O&M	GAS INTEGRITY MANAGEMENT PROGRAMS	GAS INTEGRITY MANAGEMENT PROGRAMS				Yes																					
O&M	GAS INTEGRITY PROGRAMS	GAS SAFETY ENHANCEMENT PROGRAMS SUPPORT FOR SDG&E	Incident Related to the High Pressure System (Excluding Dig-in)	Gas Transmission Safety Rule - MAOP Reconfirmation (HCA and Non-HCA)	Transmission - HCA	No	This activity and the work completed in 2024 consist of general management activities including data collection and management, database maintenance, and reporting for SDG&E under Shared Services. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																				
O&M	GAS INTEGRITY PROGRAMS	GAS SAFETY ENHANCEMENT PROGRAMS SUPPORT FOR SDG&E	Incident Related to the High Pressure System (Excluding Dig-in)	Gas Transmission Safety Rule - MAOP Reconfirmation (HCA and Non-HCA)	Transmission - Non-HCA	No	This activity and the work completed in 2024 consist of general management activities including data collection and management, database maintenance, and reporting for SDG&E under Shared Services. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																				
O&M	GAS INTEGRITY PROGRAMS	GAS SAFETY ENHANCEMENT PROGRAMS SUPPORT FOR SDG&E	Incident Related to the High Pressure System (Excluding Dig-in)	NEW - Gas Transmission Safety Program (GTSR) Part 2	Transmission - HCA & non-HCA	No	This activity and the work completed in 2024 consist of general management activities including data collection and management, database maintenance, and reporting for SDG&E under Shared Services. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																				
O&M	GAS INTEGRITY PROGRAMS	GAS SAFETY ENHANCEMENT PROGRAMS SUPPORT FOR SDG&E	Incident Related to the High Pressure System (Excluding Dig-in)	Transmission - HCA & non-HCA	Overall	No	This activity and the work completed in 2024 consist of general management activities including data collection and management, database maintenance, and reporting for SDG&E under Shared Services. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																				
O&M	**GAS INTEGRITY PROGRAMS**	**Sub Total GAS SAFETY ENHANCEMENT PROGRAMS SUPPORT FOR SDG&E**				**Yes**																					
O&M	GAS INTEGRITY PROGRAMS	GAS SAFETY ENHANCEMENT PROGRAMS	Incident Related to the High Pressure System (Excluding Dig-in)	Gas Transmission Safety Rule - MAOP Reconfirmation (HCA and Non-HCA)	Transmission - HCA	No	This activity and the work completed in 2024 consist of program management activities (e.g., training, data management, and reporting). The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																				
O&M	GAS INTEGRITY PROGRAMS	GAS SAFETY ENHANCEMENT PROGRAMS	Incident Related to the High Pressure System (Excluding Dig-in)	Gas Transmission Safety Rule - MAOP Reconfirmation (HCA and Non-HCA)	Transmission - Non-HCA	No	This activity and the work completed in 2024 consist of program management activities (e.g., training, data management and reporting). The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																				
O&M	GAS INTEGRITY PROGRAMS	GAS SAFETY ENHANCEMENT PROGRAMS	Incident Related to the High Pressure System (Excluding Dig-in)	NEW - Gas Transmission Safety Program (GTSR) Part 2	Transmission - HCA & non-HCA	No	This activity and the work completed in 2024 consist of activities required to comply with GTSR Part 2 (e.g., training, data management and analysis, corrosion control surveys). The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																				
O&M	GAS INTEGRITY PROGRAMS	GAS SAFETY ENHANCEMENT PROGRAMS	Incident Related to the High Pressure System (Excluding Dig-in)	NEW - Valve Rule	Transmission - HCA & non-HCA	No	This activity and the work completed in 2024 consist of a variety of O&M activities (e.g., data management, reporting, training) necessary to support capital work. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																				
O&M	**GAS INTEGRITY PROGRAMS**	**Sub Total GAS SAFETY ENHANCEMENT PROGRAMS**				**Yes**																					

SoCalGas GAS INTEGRITY MANAGEMENT PROGRAMS O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Safety, Reliability, or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status	Status Variance Explanation Required?
O&M	GAS INTEGRITY MANAGEMENT PROGRAMS	GAS INTEGRITY MANAGEMENT PROGRAMS				Yes										
O&M	GAS INTEGRITY PROGRAMS	GAS SAFETY ENHANCEMENT PROGRAMS SUPPORT FOR SDG&E	Incident Related to the High Pressure System (Excluding Dig-in)	Gas Transmission Safety Rule - MAOP Reconfirmation (HCA and Non-HCA)	Transmission - HCA	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	GAS INTEGRITY PROGRAMS	GAS SAFETY ENHANCEMENT PROGRAMS SUPPORT FOR SDG&E	Incident Related to the High Pressure System (Excluding Dig-in)	Gas Transmission Safety Rule - MAOP Reconfirmation (HCA and Non-HCA)	Transmission - Non-HCA	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	GAS INTEGRITY PROGRAMS	GAS SAFETY ENHANCEMENT PROGRAMS SUPPORT FOR SDG&E	Incident Related to the High Pressure System (Excluding Dig-in)	NEW - Gas Transmission Safety Program (GTSR) Part 2	Transmission - HCA & non-HCA	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	GAS INTEGRITY PROGRAMS	GAS SAFETY ENHANCEMENT PROGRAMS SUPPORT FOR SDG&E	Incident Related to the High Pressure System (Excluding Dig-in)	Transmission - HCA & non-HCA	Overall	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**GAS INTEGRITY PROGRAMS**	**Sub Total GAS SAFETY ENHANCEMENT PROGRAMS SUPPORT FOR SDG&E**				**Yes**	**YES**	**NO**								**NO**
O&M	GAS INTEGRITY PROGRAMS	GAS SAFETY ENHANCEMENT PROGRAMS	Incident Related to the High Pressure System (Excluding Dig-in)	Gas Transmission Safety Rule - MAOP Reconfirmation (HCA and Non-HCA)	Transmission - HCA	No	YES	YES	NO	Pursuant to 49 Code of Federal Regulations (CFR) § 192.624, SoCalGas is required to reconfirm by July 2035 the maximum allowable operating pressure (MAOP) of transmission lines that either: 1) do not have traceable, verifiable, or complete pressure test records to establish MAOP in accordance with 49 C.F.R. § 192.619(a) and are located in HCAs or Class 3 or 4 locations, or 2) have a MAOP established in accordance with 49 CFR § 192.619(c), have an MAOP greater than 30% specified minimum yield strength (SMYS), and are located in high consequence area (HCAs), Class 3 or 4 locations, or – where the segment can accommodate an in-line inspection (ILI) tool. Since MAOP reconfirmation projects span both HCA and non-HCA segments, these transition should be viewed in aggregate. The Gas Transmission Safety Rule (GTSR) Part 1 spending variance is primarily driven by increased scope validation efforts to finalize the number of pipeline miles requiring reconfirmation by the interim deadline of July 3, 2028, as established by Pipeline and Hazardous Materials Safety Administration (PHMSA).	N/A	On Target (T)	On Target (T)	Over (O)	Proceeding as Planned	NO
O&M	GAS INTEGRITY PROGRAMS	GAS SAFETY ENHANCEMENT PROGRAMS	Incident Related to the High Pressure System (Excluding Dig-in)	Gas Transmission Safety Rule - MAOP Reconfirmation (HCA and Non-HCA)	Transmission - Non-HCA	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	Over (O)	Proceeding as Planned	NO
O&M	GAS INTEGRITY PROGRAMS	GAS SAFETY ENHANCEMENT PROGRAMS	Incident Related to the High Pressure System (Excluding Dig-in)	NEW - Gas Transmission Safety Program (GTSR) Part 2	Transmission - HCA & non-HCA	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	Over (O)	Proceeding as Planned	NO
O&M	GAS INTEGRITY PROGRAMS	GAS SAFETY ENHANCEMENT PROGRAMS	Incident Related to the High Pressure System (Excluding Dig-in)	NEW - Valve Rule	Transmission - HCA & non-HCA	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	Over (O)	Deferred	NO
O&M	**GAS INTEGRITY PROGRAMS**	**Sub Total GAS SAFETY ENHANCEMENT PROGRAMS**				**Yes**	**YES**	**YES**								**NO**

SoCalGas GAS INTEGRITY MANAGEMENT PROGRAMS O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Status Variance Explanation	WP Activity Description	2024 GRC Testimony Location
O&M	GAS INTEGRITY MANAGEMENT PROGRAMS	GAS INTEGRITY MANAGEMENT PROGRAMS				Yes			
O&M	GAS INTEGRITY PROGRAMS	GAS SAFETY ENHANCEMENT PROGRAMS SUPPORT FOR SDG&E	Incident Related to the High Pressure System (Excluding Dig-in)	Gas Transmission Safety Rule - MAOP Reconfirmation (HCA and Non-HCA)	Transmission - HCA	No	N/A		
O&M	GAS INTEGRITY PROGRAMS	GAS SAFETY ENHANCEMENT PROGRAMS SUPPORT FOR SDG&E	Incident Related to the High Pressure System (Excluding Dig-in)	Gas Transmission Safety Rule - MAOP Reconfirmation (HCA and Non-HCA)	Transmission - Non-HCA	No	N/A		
O&M	GAS INTEGRITY PROGRAMS	GAS SAFETY ENHANCEMENT PROGRAMS SUPPORT FOR SDG&E	Incident Related to the High Pressure System (Excluding Dig-in)	NEW - Gas Transmission Safety Program (GTSR) Part 2	Transmission - HCA & non-HCA	No	N/A		
O&M	GAS INTEGRITY PROGRAMS	GAS SAFETY ENHANCEMENT PROGRAMS SUPPORT FOR SDG&E	Incident Related to the High Pressure System (Excluding Dig-in)	Transmission - HCA & non-HCA	Overall	No	N/A		
O&M	**GAS INTEGRITY PROGRAMS**	**Sub Total GAS SAFETY ENHANCEMENT PROGRAMS SUPPORT FOR SDG&E**				**Yes**			
O&M	GAS INTEGRITY PROGRAMS	GAS SAFETY ENHANCEMENT PROGRAMS	Incident Related to the High Pressure System (Excluding Dig-in)	Gas Transmission Safety Rule - MAOP Reconfirmation (HCA and Non-HCA)	Transmission - HCA	No	N/A	Implementation of new gas safety rules and regulations activities as follows: MAOP Reconfirmation as required by PHMSA's Gas Transmission Safety Rule (GTSR) Part 1 (49 CFR 192.624); GTSR Part 2, which includes corrosion management and remediation measures; and the Valve Installation and Minimum Rupture Standards Rule (Valve Rule).	SCG-09 AK-TS-58 to AK-TS-68 WP 2TD005.000
O&M	GAS INTEGRITY PROGRAMS	GAS SAFETY ENHANCEMENT PROGRAMS	Incident Related to the High Pressure System (Excluding Dig-in)	Gas Transmission Safety Rule - MAOP Reconfirmation (HCA and Non-HCA)	Transmission - Non-HCA	No	N/A		
O&M	GAS INTEGRITY PROGRAMS	GAS SAFETY ENHANCEMENT PROGRAMS	Incident Related to the High Pressure System (Excluding Dig-in)	NEW - Gas Transmission Safety Program (GTSR) Part 2	Transmission - HCA & non-HCA	No	N/A		
O&M	GAS INTEGRITY PROGRAMS	GAS SAFETY ENHANCEMENT PROGRAMS	Incident Related to the High Pressure System (Excluding Dig-in)	NEW - Valve Rule	Transmission - HCA & non-HCA	No	N/A		
O&M	**GAS INTEGRITY PROGRAMS**	**Sub Total GAS SAFETY ENHANCEMENT PROGRAMS**				**Yes**			

SoCalGas GAS TRANSMISSION OPERATIONS & CONSTRUCTION O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	RoHup	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date ($)
O&M	GAS TRANSMISSION OPERATIONS & CONSTRUCTION	GAS TRANSMISSION OPERATIONS & CONSTRUCTION				Yes			6,311	—	—	—	6,311	6,311	6,311	6,311	6,311	6,311
O&M	GAS TRANSMISSION	CAPACITY PRODUCTS SUPPORT - 2200-0528	Non-RAMP	Non-RAMP	Non-RAMP	No			1,003	—	—	—	1,003	760	783	806	830	760
O&M	**GAS TRANSMISSION**	**SubTotal CAPACITY PRODUCTS SUPPORT - 2200-0528**				**Yes**			**1,003**	—	—	—	**1,003**	**760**	**783**	**806**	**830**	**760**
O&M	GAS TRANSMISSION	CATHODIC PROTECTION OPERATIONS	Incident Related to the High Pressure System (Excluding Digsite)	Cathodic Protection - Maintenance (HCA & NonHCA)	Transmission - HCA	No	On-going	Annual	504	—	—	—	504	491	506	521	537	491
O&M	GAS TRANSMISSION	CATHODIC PROTECTION OPERATIONS	Incident Related to the High Pressure System (Excluding Digsite)	Cathodic Protection - Maintenance (HCA & NonHCA)	Transmission - Non-HCA	No	On-going	Annual	1,024	—	—	—	1,024	1,000	1,030	1,061	1,092	1,000
O&M	**GAS TRANSMISSION**	**SubTotal CATHODIC PROTECTION OPERATIONS**				**Yes**			**1,529**	—	—	—	**1,529**	**1,491**	**1,536**	**1,582**	**1,629**	**1,491**
O&M	GAS TRANS MISSION	COMPRESSOR STATION OPERATIONS	Incident Related to the High Pressure System (Excluding Digsite)	Compressor Station Maintenance	Transmission - Facilities	No	On-going	Annual	12,527	—	—	—	12,527	13,389	13,791	14,205	14,631	13,389
O&M	**GAS TRANSMISSION**	**SubTotal COMPRESSOR STATION OPERATIONS**				**Yes**			**12,527**	—	—	—	**12,527**	**13,389**	**13,791**	**14,205**	**14,631**	**13,389**
O&M	GAS TRANS MISSION	CONTROL CENTER MODERNIZATION	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	1,713	—	—	—	1,713	863	888	915	943	863
O&M	GAS TRANS MISSION	CONTROL CENTER MODERNIZATION	Excavation Damage (Digsite) on the Gas System	Pipeline Monitoring Technologies (IIP)	N/A	No	On-going	Annual	17	—	—	—	17	420	433	446	459	420
O&M	**GAS TRANSMISSION**	**SubTotal CONTROL CENTER MODERNIZATION**				**Yes**			**1,730**	—	—	—	**1,730**	**1,283**	**1,321**	**1,361**	**1,402**	**1,283**
O&M	**GAS TRANSMISSION**	**SubTotal**				**Yes**			—	—	—	—	—	—	—	—	—	—
O&M	GAS TRANS MISSION	DIRECTOR OF GAS TRANSMISSION - 2200-0253	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	335	—	—	—	335	254	262	270	278	254
O&M	**GAS TRANSMISSION**	**SubTotal DIRECTOR OF GAS TRANSMISSION - 2200-0253**				**Yes**			**335**	—	—	—	**335**	**254**	**262**	**270**	**278**	**254**
O&M	GAS TRANSMISSION	TRANSMISSION & STORAGE STRATEGY MANAGER 2200-0330	Non-RAMP	Non-RAMP	Non-RAMP	No			1,079	—	—	—	1,079	1,002	1,032	1,063	1,095	1,002
O&M	**GAS TRANSMISSION**	**SubTotal TRANSMISSION & STORAGE STRATEGY MANAGER 2200-0330**				**Yes**			**1,079**	—	—	—	**1,079**	**1,002**	**1,032**	**1,063**	**1,095**	**1,002**
O&M	GAS TRANS MISSION	FOM COMPRESSOR STATION OPERATIONS 2200-2173	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	686	—	—	—	686	626	645	664	684	626
O&M	**GAS TRANSMISSION**	**SubTotal FOM COMPRESSOR STATION OPERATIONS 2200-2173**				**Yes**			**686**	—	—	—	**686**	**626**	**645**	**664**	**684**	**626**
O&M	GAS TRANS MISSION	FOM EAST TRANSMISSION - 2200-0265	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	153	—	—	—	153	417	430	443	456	417
O&M	**GAS TRANSMISSION**	**SubTotal FOM EAST TRANSMISSION - 2200-0265**				**Yes**			**153**	—	—	—	**153**	**417**	**430**	**443**	**456**	**417**
O&M	GAS TRANS MISSION	GAS CONTROL - 2200-2289	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	1,676	—	—	—	1,676	561	578	595	613	561
O&M	GAS TRANS MISSION	GAS CONTROL - 2200-2289	Incident Related to the High Pressure System (Excluding Digsite)	Control Room Monitoring, Operation and Fatigue Management	N/A	No	On-going	Annual	3,462	—	—	—	3,462	3,299	3,398	3,500	3,605	3,299
O&M	**GAS TRANSMISSION**	**SubTotal GAS CONTROL - 2200-2289**				**Yes**			**5,138**	—	—	—	**5,138**	**3,860**	**3,976**	**4,095**	**4,218**	**3,860**
O&M	GAS TRANS MISSION	GAS SCHEDULING - 2200-2158	Non-RAMP	Non-RAMP	Non-RAMP	No			875	—	—	—	875	881	907	934	963	881
O&M	**GAS TRANSMISSION**	**SubTotal GAS SCHEDULING - 2200-2158**				**Yes**			**875**	—	—	—	**875**	**881**	**907**	**934**	**963**	**881**
O&M	GAS TRANS MISSION	GAS TRANSMISSION PLANNING - 2200-2329	Incident Related to the High Pressure System (Excluding Digsite)	Gas Transmission Planning	N/A	No	On-going	Annual	980	—	—	—	980	952	981	1,010	1,040	952
O&M	**GAS TRANSMISSION**	**SubTotal GAS TRANSMISSION PLANNING - 2200-2329**				**Yes**			**980**	—	—	—	**980**	**952**	**981**	**1,010**	**1,040**	**952**
O&M	GAS TRANS MISSION	GOVERNANCE & COMPLIANCE 2200-0931	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	2,009	—	—	—	2,009	534	550	566	583	534
O&M	GAS TRANS MISSION	GOVERNANCE & COMPLIANCE 2200-0931	Asset and Records Management	Establish an Enterprise Asset Management Operating Model	To Establish an Enterprise Asset Management Operating Model	No	On-going	Annual	272	—	—	—	272	221	228	235	242	221
O&M	**GAS TRANSMISSION**	**SubTotal GOVERNANCE & COMPLIANCE 2200-0931**				**Yes**			**2,281**	—	—	—	**2,281**	**755**	**778**	**801**	**825**	**755**
O&M	GAS TRANS MISSION	PIPELINE AND INSTRUMENTATION OPERATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	0	—	—	—	0	10,227	10,535	10,851	11,177	10,227
O&M	GAS TRANS MISSION	PIPELINE AND INSTRUMENTATION OPERATIONS	Excavation Damage (Digsite) on the Gas System	Company Excavator Training (IIP)	Company Excavator Training (IIP)	No	On-going	Annual	—	—	—	—	14	14	14	14	14	14
O&M	GAS TRANS MISSION	PIPELINE AND INSTRUMENTATION OPERATIONS	Excavation Damage (Digsite) on the Gas System	Locate & Mark Activities (IIP)	Locate & Mark Activities (IIP)	No	On-going	Annual	1,620	—	—	—	1,620	3,141	3,236	3,333	3,433	3,141
O&M	GAS TRANS MISSION	PIPELINE AND INSTRUMENTATION OPERATIONS	Excavation Damage (Digsite) on the Gas System	Locate & Mark Training (IIP)	Locate & Mark Training (IIP)	No	On-going	Annual	—	—	—	—	6	6	6	6	6	6
O&M	GAS TRANS MISSION	PIPELINE AND INSTRUMENTATION OPERATIONS	Excavation Damage (Digsite) on the Gas System	Locate and Mark Annual Refresher Training and Competency Program (IIP)	Locate and Mark Annual Refresher Training and Competency Program (IIP)	No	On-going	Annual	—	—	—	—	—	9	9	9	9	9
O&M	GAS TRANS MISSION	PIPELINE AND INSTRUMENTATION OPERATIONS	Excavation Damage (Digsite) on the Gas System	Pipeline Patrol and Pipeline Markers (IIP)	Pipeline Patrol and Pipeline Markers (IIP)	No	On-going	Annual	1,663	—	—	—	1,663	457	471	485	500	457
O&M	GAS TRANS MISSION	PIPELINE AND INSTRUMENTATION OPERATIONS	Incident Related to the High Pressure System (Excluding Digsite)	Leak Survey & Patrol (HCA & NonHCA)	Transmission - HCA	No	On-going	Annual	166	—	—	—	166	739	761	784	808	739
O&M	GAS TRANS MISSION	PIPELINE AND INSTRUMENTATION OPERATIONS	Incident Related to the High Pressure System (Excluding Digsite)	Leak Survey & Patrol (HCA & NonHCA)	Transmission - Non-HCA	No	On-going	Annual	357	—	—	—	357	1,501	1,546	1,593	1,640	1,501
O&M	GAS TRANS MISSION	PIPELINE AND INSTRUMENTATION OPERATIONS	Incident Related to the High Pressure System (Excluding Digsite)	Measurement & Regulation Stations - Maintenance (HCA & NonHCA)	Transmission - HCA	No	On-going	Annual	848	—	—	—	848	712	733	755	778	712
O&M	GAS TRANS MISSION	PIPELINE AND INSTRUMENTATION OPERATIONS	Incident Related to the High Pressure System (Excluding Digsite)	Measurement & Regulation Stations - Maintenance (HCA & NonHCA)	Transmission - Non-HCA	No	On-going	Annual	1,713	—	—	—	1,713	1,448	1,491	1,536	1,582	1,448
O&M	GAS TRANS MISSION	PIPELINE AND INSTRUMENTATION OPERATIONS	Incident Related to the High Pressure System (Excluding Digsite)	Odorization	Transmission Facilities	No	On-going	Annual	487	—	—	—	487	688	709	730	752	688

SoCalGas GAS TRANSMISSION OPERATIONS & CONSTRUCTION O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date (E)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date (S)
O&M	GAS TRANSMISSION	PIPELINE AND INSTRUMENTATION OPERATIONS	Incident Related to the High Pressure System (Excluding Digs)	Pipeline Maintenance (HCA & NonHCA)	Transmission - HCA	No	On-going	Annual	3,167	—	—	—	3,167	281	289	298	307	281
O&M	GAS TRANSMISSION	PIPELINE AND INSTRUMENTATION OPERATIONS	Incident Related to the High Pressure System (Excluding Digs)	Pipeline Maintenance (HCA & NonHCA)	Transmission - Non-HCA	No	On-going	Annual	6,430	—	—	—	6,430	574	591	609	627	574
O&M	**GAS TRANSMISSION**	**SubTotal PIPELINE AND INSTRUMENTATION OPERATIONS**				**Yes**			**16,427**	**—**	**—**	**—**	**16,427**	**19,797**	**20,391**	**21,003**	**21,633**	**19,797**
O&M	GAS TRANSMISSION	SCADA OPERATIONS - 220043529	Incident Related to the High Pressure System (Excluding Digs)	SCADA Operations	N/A	No	On-going	Annual	1,755	—	—	—	1,755	1,428	1,471	1,515	1,560	1,428
O&M	**GAS TRANSMISSION**	**SubTotal SCADA OPERATIONS - 220043529**				**Yes**			**1,755**	**—**	**—**	**—**	**1,755**	**1,428**	**1,471**	**1,515**	**1,560**	**1,428**
O&M	GAS TRANSMISSION	STORAGE PRODUCTS MANAGER	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	253	—	—	—	253	182	187	193	199	812
O&M	**GAS TRANSMISSION**	**SubTotal STORAGE PRODUCTS MANAGER**				**Yes**			**253**	**—**	**—**	**—**	**253**	**182**	**187**	**193**	**199**	**812**
O&M	GAS TRANSMISSION	TECHNICAL SERVICES	Incident Related to the High Pressure System (Excluding Digs)	Class Location (Hydrotest) (HCA-Non-HCA)	Transmission - HCA	No	On-going	Annual	30	—	—	—	30	266	274	282	290	266
O&M	GAS TRANSMISSION	TECHNICAL SERVICES	Incident Related to the High Pressure System (Excluding Digs)	Class Location (Hydrotest) (HCA-Non-HCA)	Transmission - Non-HCA	No	On-going	Annual	62	—	—	—	62	542	558	575	592	542
O&M	GAS TRANSMISSION	TECHNICAL SERVICES	Incident Related to the High Pressure System (Excluding Digs)	Engineering Oversight and Compliance Review	N/A	No	On-going	Annual	2,506	—	—	—	2,506	2,788	2,871	2,957	3,046	2,788
O&M	GAS TRANSMISSION	TECHNICAL SERVICES	Incident Related to the High Pressure System (Excluding Digs)	Right of Way (HCA & NonHCA)	Transmission - HCA	No	On-going	Annual	327	—	—	—	327	797	821	846	871	797
O&M	GAS TRANSMISSION	TECHNICAL SERVICES	Incident Related to the High Pressure System (Excluding Digs)	Right of Way (HCA & NonHCA)	Transmission - Non-HC	No	On-going	Annual	663	—	—	—	663	1,621	1,670	1,720	1,772	1,621
O&M	**GAS TRANSMISSION**	**SubTotal TECHNICAL SERVICES**				**Yes**			**3,588**	**—**	**—**	**—**	**3,588**	**6,014**	**6,194**	**6,380**	**6,571**	**6,014**

SoCalGas GAS TRANSMISSION OPERATIONS & CONSTRUCTION O&M

Tree	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Treeline	RollUp	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference ($)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
O&M	GAS TRANSMISSION OPERATIONS & CONSTRUCTION	GAS TRANSMISSION OPERATIONS & CONSTRUCTION				Yes	(1,783)	(36,455)	(54,339)	(34,615)	(127,192)	-12%	-100%	-100%	-100%	-52%
O&M	GAS TRANSMISSION	CAPACITY PRODUCTS SUPPORT - 2200-0528	Non-RAMP	Non-RAMP	Non-RAMP	No	243	(783)	(806)	(838)	243	33%	-100%	-100%	-100%	33%
O&M	**GAS TRANSMISSION**	**SubTotal CAPACITY PRODUCTS SUPPORT - 2200-0528**				**Yes**	**243**	**(783)**	**(806)**	**(838)**	**243**	**33%**	**-100%**	**-100%**	**-100%**	**33%**
O&M	GAS TRANSMISSION	CATHODIC PROTECTION OPERATIONS	Incident Relatted to the High Pressure System (Excluding Digein)	Cathodic Protection - Maintenance (HCA & Non-HCA)	Transmission - HCA	No	13	(506)	(521)	(537)	13	3%	-100%	-100%	-100%	3%
O&M	GAS TRANSMISSION	CATHODIC PROTECTION OPERATIONS	Incident Relatted to the High Pressure System (Excluding Digein)	Cathodic Protection - Maintenance (HCA & Non-HCA)	Transmission - Non-HCA	No	24	(1,030)	(1,061)	(1,092)	24	2%	-100%	-100%	-100%	2%
O&M	**GAS TRANSMISSION**	**SubTotal CATHODIC PROTECTION OPERATIONS**				**Yes**	**38**	**(1,536)**	**(1,582)**	**(1,629)**	**38**	**3%**	**-100%**	**-100%**	**-100%**	**3%**
O&M	GAS TRANSMISSION	COMPRESSOR STATION OPERATIONS	Incident Relatted to the High Pressure System (Excluding Digein)	Compressor Station Maintenance	Transmission - Facilities	No	(862)	(3,791)	(14,205)	(14,631)	(862)	-6%	-100%	-100%	-100%	-6%
O&M	**GAS TRANSMISSION**	**SubTotal COMPRESSOR STATION OPERATIONS**				**Yes**	**(862)**	**(3,791)**	**(14,205)**	**(14,631)**	**(862)**	**-6%**	**-100%**	**-100%**	**-100%**	**-6%**
O&M	GAS TRANSMISSION	CONTROL CENTER MODERNIZATION	Non-RAMP	Non-RAMP	Non-RAMP	No	850	(888)	(915)	(943)	850	98%	-100%	-100%	-100%	98%
O&M	GAS TRANSMISSION	CONTROL CENTER MODERNIZATION	Excavation Damage (Digin) on the Gas System	Pipeline Monitoring Technologies (HP)	N/A	No	(408)	(433)	(446)	(459)	(403)	-96%	-100%	-100%	-100%	-96%
O&M	**GAS TRANSMISSION**	**SubTotal CONTROL CENTER MODERNIZATION**				**Yes**	**446**	**(1,321)**	**(1,361)**	**(1,403)**	**446**	**35%**	**-100%**	**-100%**	**-100%**	**35%**
O&M	**GAS TRANSMISSION**	**SubTotal**				**Yes**	**—**	**—**	**—**	**—**	**—**	**—%**	**—%**	**—%**	**—%**	**—%**
O&M	GAS TRANSMISSION	DIRECTOR OF GAS TRANSMISSION - 2200-0253	Non-RAMP	Non-RAMP	Non-RAMP	No	81	(262)	(270)	(278)	81	32%	-100%	-100%	-100%	32%
O&M	**GAS TRANSMISSION**	**SubTotal DIRECTOR OF GAS TRANSMISSION - 2200-0253**				**Yes**	**81**	**(262)**	**(270)**	**(278)**	**81**	**32%**	**-100%**	**-100%**	**-100%**	**32%**
O&M	GAS TRANSMISSION & STORAGE STRATEGY MANAGER 2200-0330		Non-RAMP	Non-RAMP	Non-RAMP	No	77	(1,032)	(1,063)	(1,095)	77	8%	-100%	-100%	-100%	8%
O&M	**GAS TRANSMISSION**	**SubTotal TRANSMISSION & STORAGE STRATEGY MANAGER 2200-0330**				**Yes**	**77**	**(1,032)**	**(1,063)**	**(1,095)**	**77**	**8%**	**-100%**	**-100%**	**-100%**	**8%**
O&M	GAS TRANSMISSION	FOM COMPRESSOR STATION OPERATIONS 2200-2173	Non-RAMP	Non-RAMP	Non-RAMP	No	60	(645)	(664)	(684)	60	10%	-100%	-100%	-100%	10%
O&M	**GAS TRANSMISSION**	**SubTotal FOM COMPRESSOR STATION OPERATIONS 2200-2173**				**Yes**	**60**	**(645)**	**(664)**	**(684)**	**60**	**10%**	**-100%**	**-100%**	**-100%**	**10%**
O&M	GAS TRANSMISSION	FOM EAST TRANSMISSION - 2200-0265	Non-RAMP	Non-RAMP	Non-RAMP	No	(266)	(430)	(443)	(456)	(264)	-63%	-100%	-100%	-100%	-63%
O&M	**GAS TRANSMISSION**	**SubTotal FOM EAST TRANSMISSION - 2200-0265**				**Yes**	**(266)**	**(430)**	**(443)**	**(456)**	**(264)**	**-63%**	**-100%**	**-100%**	**-100%**	**-63%**
O&M	GAS TRANSMISSION	GAS CONTROL - 2200-2289	Non-RAMP	Non-RAMP	Non-RAMP	No	1,115	(578)	(595)	(613)	1,115	199%	-100%	-100%	-100%	199%
O&M	GAS TRANSMISSION	GAS CONTROL - 2200-2289	Incident Relatted to the High Pressure System (Excluding Digein)	Control Room Monitoring, Operation and Fatigue Management	N/A	No	183	(3,398)	(3,500)	(3,605)	183	6%	-100%	-100%	-100%	6%
O&M	**GAS TRANSMISSION**	**SubTotal GAS CONTROL - 2200-2289**				**Yes**	**1,298**	**(3,976)**	**(4,095)**	**(4,218)**	**1,298**	**34%**	**-100%**	**-100%**	**-100%**	**34%**
O&M	GAS TRANSMISSION	GAS SCHEDULING - 2200-2158	Non-RAMP	Non-RAMP	Non-RAMP	No	81	(907)	(934)	(962)	(6)	-1%	-100%	-100%	-100%	-1%
O&M	**GAS TRANSMISSION**	**SubTotal GAS SCHEDULING - 2200-2158**				**Yes**	**81**	**(907)**	**(934)**	**(962)**	**(6)**	**-1%**	**-100%**	**-100%**	**-100%**	**-1%**
O&M	GAS TRANSMISSION	GAS TRANSMISSION PLANNING - 2200-2329	Incident Relatted to the High Pressure System (Excluding Digein)	Gas Transmission Planning	N/A	No	28	(981)	(1,010)	(1,040)	28	3%	-100%	-100%	-100%	3%
O&M	**GAS TRANSMISSION**	**SubTotal GAS TRANSMISSION PLANNING - 2200-2329**				**Yes**	**28**	**(981)**	**(1,010)**	**(1,040)**	**28**	**3%**	**-100%**	**-100%**	**-100%**	**3%**
O&M	GAS TRANSMISSION	GOVERNANCE & COMPLIANCE 2200-0931	Non-RAMP	Non-RAMP	Non-RAMP	No	1,475	(550)	(566)	(583)	1,475	276%	-100%	-100%	-100%	276%
O&M	GAS TRANSMISSION	GOVERNANCE & COMPLIANCE 2200-0931	Asset and Records Management	Establish an Enterprise Asset Management Operating Model	To Establish an Enterprise Asset Management Operating Model	No	51	(228)	(235)	(242)	51	23%	-100%	-100%	-100%	23%
O&M	**GAS TRANSMISSION**	**SubTotal GOVERNANCE & COMPLIANCE 2200-0931**				**Yes**	**1,526**	**(778)**	**(801)**	**(825)**	**1,526**	**203%**	**-100%**	**-100%**	**-100%**	**203%**
O&M	GAS TRANSMISSION	PIPELINE AND INSTRUMENTATION OPERATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	(10,227)	(10,535)	(10,851)	(11,177)	(10,227)	-100%	-100%	-100%	-100%	-100%
O&M	GAS TRANSMISSION	PIPELINE AND INSTRUMENTATION OPERATIONS	Excavation Damage (Digin) on the Gas System	Company Excavator Training (HP)	Company Excavator Training (HP)	No	(16)	(16)	(16)	(16)	(16)	-100%	-100%	-100%	-100%	-100%
O&M	GAS TRANSMISSION	PIPELINE AND INSTRUMENTATION OPERATIONS	Excavation Damage (Digin) on the Gas System	Locate & Mark Activities (HP)	Locate & Mark Activities (HP)	No	(1,521)	(3,236)	(3,333)	(3,433)	(1,521)	-48%	-100%	-100%	-100%	-48%
O&M	GAS TRANSMISSION	PIPELINE AND INSTRUMENTATION OPERATIONS	Excavation Damage (Digin) on the Gas System	Locate & Mark Training (HP)	Locate & Mark Training (HP)	No	(6)	(6)	(6)	(6)	(6)	-100%	-100%	-100%	-100%	-100%
O&M	GAS TRANSMISSION	PIPELINE AND INSTRUMENTATION OPERATIONS	Excavation Damage (Digin) on the Gas System	Locate and Mark Annual Refresher Training and Competency Program (HP)	Locate and Mark Annual Refresher Training and Competency Program (HP)	No	(9)	(9)	(9)	(9)	(9)	-100%	-100%	-100%	-100%	-100%
O&M	GAS TRANSMISSION	PIPELINE AND INSTRUMENTATION OPERATIONS	Excavation Damage (Digin) on the Gas System	Pipeline Patrol and Pipeline Markers (HP)	Pipeline Patrol and Pipeline Markers (HP)	No	1,206	(471)	(485)	(500)	1,206	264%	-100%	-100%	-100%	264%
O&M	GAS TRANSMISSION	PIPELINE AND INSTRUMENTATION OPERATIONS	Incident Relatted to the High Pressure System (Excluding Digein)	Leak Survey & Patrol (HCA & Non-HCA)	Transmission - HCA	No	(573)	(761)	(784)	(808)	(573)	-70%	-100%	-100%	-100%	-70%
O&M	GAS TRANSMISSION	PIPELINE AND INSTRUMENTATION OPERATIONS	Incident Relatted to the High Pressure System (Excluding Digein)	Leak Survey & Patrol (HCA & Non-HCA)	Transmission - Non-HCA	No	(1,166)	(1,546)	(1,593)	(1,640)	(1,164)	-78%	-100%	-100%	-100%	-78%
O&M	GAS TRANSMISSION	PIPELINE AND INSTRUMENTATION OPERATIONS	Incident Relatted to the High Pressure System (Excluding Digein)	Measurement & Regulation Stations - Maintenance (HCA & Non-HCA)	Transmission - HCA	No	132	(733)	(755)	(778)	132	19%	-100%	-100%	-100%	19%
O&M	GAS TRANSMISSION	PIPELINE AND INSTRUMENTATION OPERATIONS	Incident Relatted to the High Pressure System (Excluding Digein)	Measurement & Regulation Stations - Maintenance (HCA & Non-HCA)	Transmission - Non-HCA	No	265	(1,491)	(1,536)	(1,582)	265	18%	-100%	-100%	-100%	18%
O&M	GAS TRANSMISSION	PIPELINE AND INSTRUMENTATION OPERATIONS	Incident Relatted to the High Pressure System (Excluding Digein)	Odorization	Transmission Facilities	No	(201)	(709)	(730)	(752)	(201)	-29%	-100%	-100%	-100%	-29%

SoCalGas GAS TRANSMISSION OPERATIONS & CONSTRUCTION O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference (4)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
O&M	GAS TRANSMISSION	PIPELINE AND INSTRUMENTATION OPERATIONS	Incident Related to the High Pressure System (Excluding Digs)	Pipeline Maintenance (HCA & NonHCA)	Transmission - HCA	No	2,886	(289)	(298)	(307)	2,886	1027%	-100%	-100%	-100%	1027%
O&M	GAS TRANSMISSION	PIPELINE AND INSTRUMENTATION OPERATIONS	Incident Related to the High Pressure System (Excluding Digs)	Pipeline Maintenance (HCA & NonHCA)	Transmission - Non-HCA	No	5,856	(591)	(609)	(627)	5,856	1020%	-100%	-100%	-100%	1020%
O&M	**GAS TRANSMISSION**	**SubTotal PIPELINE AND INSTRUMENTATION OPERATIONS**				**Yes**	**(3,370)**	**(20,391)**	**(21,003)**	**(21,633)**	**(3,370)**	**-17%**	**-100%**	**-100%**	**-100%**	**-17%**
O&M	GAS TRANSMISSION	SCADA OPERATIONS - 220043529	Incident Related to the High Pressure System (Excluding Digs)	SCADA Operations	N/A	No	307	(1,471)	(1,515)	(1,560)	307	21%	-100%	-100%	-100%	21%
O&M	**GAS TRANSMISSION**	**SubTotal SCADA OPERATIONS - 2200-0329**				**Yes**	**307**	**(1,471)**	**(1,515)**	**(1,560)**	**307**	**21%**	**-100%**	**-100%**	**-100%**	**21%**
O&M	GAS TRANSMISSION	STORAGE PRODUCTS MANAGER	Non-RAMP	Non-RAMP	Non-RAMP	No	51	(187)	(193)	(199)	51	28%	-100%	-100%	-100%	28%
O&M	**GAS TRANSMISSION**	**SubTotal STORAGE PRODUCTS MANAGER**				**Yes**	**51**	**(187)**	**(193)**	**(199)**	**51**	**28%**	**-100%**	**-100%**	**-100%**	**28%**
O&M	GAS TRANSMISSION	TECHNICAL SERVICES	Incident Related to the High Pressure System (Excluding Digs)	Class Location (Hydrotest) (HCA-Non-HCA)	Transmission - HCA	No	(236)	(274)	(282)	(290)	(236)	-89%	-100%	-100%	-100%	-89%
O&M	GAS TRANSMISSION	TECHNICAL SERVICES	Incident Related to the High Pressure System (Excluding Digs)	Class Location (Hydrotest) (HCA-Non-HCA)	Transmission - Non-HCA	No	(440)	(508)	(575)	(592)	(440)	-89%	-100%	-100%	-100%	-89%
O&M	GAS TRANSMISSION	TECHNICAL SERVICES	Incident Related to the High Pressure System (Excluding Digs)	Engineering Oversight and Compliance Review	N/A	No	(282)	(2,871)	(2,957)	(3,046)	(282)	-10%	-100%	-100%	-100%	-10%
O&M	GAS TRANSMISSION	TECHNICAL SERVICES	Incident Related to the High Pressure System (Excluding Digs)	Right of Way (HCA & NonHCA)	Transmission - HCA	No	(471)	(821)	(846)	(871)	(471)	-59%	-100%	-100%	-100%	-59%
O&M	GAS TRANSMISSION	TECHNICAL SERVICES	Incident Related to the High Pressure System (Excluding Digs)	Right of Way (HCA & NonHCA)	Transmission - Non-HC	No	(958)	(1,670)	(1,720)	(1,772)	(958)	-59%	-100%	-100%	-100%	-59%
O&M	**GAS TRANSMISSION**	**SubTotal TECHNICAL SERVICES**				**Yes**	**(1,436)**	**(6,194)**	**(6,280)**	**(6,571)**	**(2,436)**	**-40%**	**-100%**	**-100%**	**-100%**	**-40%**

SoCalGas GAS TRANSMISSION OPERATIONS & CONSTRUCTION O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Cluster	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
O&M	GAS TRANSMISSION OPERATIONS & CONSTRUCTION	GAS TRANSMISSION OPERATIONS & CONSTRUCTION				Yes																					
O&M	GAS TRANSMISSION	CAPACITY PRODUCTS SUPPORT - 2200-0328	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	**GAS TRANSMISSION**	**SubTotal CAPACITY PRODUCTS SUPPORT - 2200-0328**				**Yes**																					
O&M	GAS TRANSMISSION	CATHODIC PROTECTION OPERATIONS	Incident Related to the High Pressure System (Excluding Dig-in)	Cathodic Protection - Maintenance (HCA & Non-HCA)	Transmission - HCA	No	This workpaper is unable to identify a single unit of measure because there are many Cathodic Protection Maintenance activities which consist of annual electrolysis test station (ETS) reads, bi-monthly current source inspections and annual rectifier maintenance on transmission pipelines. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																				
O&M	GAS TRANSMISSION	CATHODIC PROTECTION OPERATIONS	Incident Related to the High Pressure System (Excluding Dig-in)	Cathodic Protection - Maintenance (HCA & Non-HCA)	Transmission - Non-HCA	No	This workpaper is unable to identify a single unit of measure because there are many Cathodic Protection Maintenance activities which consist of annual electrolysis test station (ETS) reads, bi-monthly current source inspections and annual rectifier maintenance on transmission pipelines. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																				
O&M	**GAS TRANSMISSION**	**SubTotal CATHODIC PROTECTION OPERATIONS**				**Yes**																					
O&M	GAS TRANSMISSION	COMPRESSOR STATION OPERATIONS	Incident Related to the High Pressure System (Excluding Dig-in)	Compressor Station Maintenance	Transmission - Facilities	No	The activities in this workpaper include Compressor Station Operation activities. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																				
O&M	**GAS TRANSMISSION**	**SubTotal COMPRESSOR STATION OPERATIONS**				**Yes**																					
O&M	GAS TRANSMISSION	CONTROL CENTER MODERNIZATION	Non-RAMP	Non-RAMP	Non-RAMP	No	FTE	14				14	7	7	7	7	7	7	(7)	(7)	(7)	7	98 %	(100)%	(100)%	(100)%	98 %
O&M	GAS TRANSMISSION	CONTROL CENTER MODERNIZATION	Excavation Damage (Dig-In) on the Gas System	Pipeline Monitoring Technologies (HP)	N/A	No	FTE	0				0	4	4	4	4	4	(3)	(4)	(4)	(4)	(3)	(96)%	(100)%	(100)%	(100)%	(96)%
O&M	**GAS TRANSMISSION**	**SubTotal CONTROL CENTER MODERNIZATION**				**Yes**																					
O&M	**GAS TRANSMISSION**	**SubTotal**				**Yes**																					
O&M	GAS TRANSMISSION	DIRECTOR OF GAS TRANSMISSION - 2200-0253	Non-RAMP	Non-RAMP	Non-RAMP	No	This workpaper is unable to identify a single unit of measure due to the variety of activities under the Director of Gas Transmission category. The activities contained within this workpaper include operating and maintaining equipment at pipeline receipt points, valve control stations, major customer delivery custody-transfer points, and all associated monitoring, metering, and control facilities, odorization equipment, and real-time operating data telemetry communications. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																				
O&M	**GAS TRANSMISSION**	**SubTotal DIRECTOR OF GAS TRANSMISSION - 2200-0253**				**Yes**																					
O&M	GAS TRANSMISSION	TRANSMISSION & STORAGE STRATEGY MANAGER 2200-0330	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	**GAS TRANSMISSION**	**SubTotal TRANSMISSION & STORAGE STRATEGY MANAGER 2200-0330**				**Yes**																					
O&M	GAS TRANSMISSION	FOM COMPRESSOR STATION OPERATIONS 2200-2173	Non-RAMP	Non-RAMP	Non-RAMP	No	The Field Operations Manager Compressor Stations organization is responsible for departmental operational leadership, operation and maintenance, regulatory compliance, financial and work measurement performance and reporting for Gas Transmission Operations compressor station operations, within both SoCalGas and SDG&E. The scope of operation and maintenance management includes SoCalGas's nine compressor stations and SDG&E's Moreno Compressor Station. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																				
O&M	**GAS TRANSMISSION**	**SubTotal FOM COMPRESSOR STATION OPERATIONS 2200-2173**				**Yes**																					
O&M	GAS TRANSMISSION	FOM EAST TRANSMISSION - 2200-0265	Non-RAMP	Non-RAMP	Non-RAMP	No	The Field Operations Manager (FOM) East Transmission organization is responsible for departmental operational leadership, staffing management, operation and maintenance performance, regulatory compliance, financial and work measurement performance, and reporting for Gas Transmission within both SoCalGas and SDG&E. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																				
O&M	**GAS TRANSMISSION**	**SubTotal FOM EAST TRANSMISSION - 2200-0265**				**Yes**																					
O&M	GAS TRANSMISSION	GAS CONTROL - 2200-2289	Non-RAMP	Non-RAMP	Non-RAMP	No	Control Room Monitoring and Operation activities consist of 24/7 operation of the transmission pipeline system in a real-time control room environment. This is necessary to provide a centralized and holistic view of system health. The remote monitoring and operation of valves, compressor stations, pressure regulation equipment, and gas flow across the system enables controllers to acknowledge, react, and respond to both normal and abnormal operating conditions. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																				
O&M	GAS TRANSMISSION	GAS CONTROL - 2200-2289	Incident Related to the High Pressure System (Excluding Dig-in)	Control Room Monitoring, Operation and Fatigue Management	N/A	No	Control Room Monitoring and Operation activities consist of 24/7 operation of the transmission pipeline system in a real-time control room environment. This is necessary to provide a centralized and holistic view of system health. The remote monitoring and operation of valves, compressor stations, pressure regulation equipment, and gas flow across the system enables controllers to acknowledge, react, and respond to both normal and abnormal operating conditions. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																				
O&M	**GAS TRANSMISSION**	**SubTotal GAS CONTROL - 2200-2289**				**Yes**																					
O&M	GAS TRANSMISSION	GAS SCHEDULING - 2200-2158	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	**GAS TRANSMISSION**	**SubTotal GAS SCHEDULING - 2200-2158**				**Yes**																					
O&M	GAS TRANSMISSION	GAS TRANSMISSION PLANNING - 2200-2329	Incident Related to the High Pressure System (Excluding Dig-in)	Gas Transmission Planning	N/A	No	Gas Transmission Planning is responsible for the long-term planning and design of the SoCalGas and SDG&E gas transmission systems. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																				
O&M	**GAS TRANSMISSION**	**SubTotal GAS TRANSMISSION PLANNING - 2200-2329**				**Yes**																					
O&M	GAS TRANSMISSION	GOVERNANCE & COMPLIANCE 2200-0931	Non-RAMP	Non-RAMP	Non-RAMP	No	The Governance and Compliance Manager's organization is responsible for system business governance and compliance across the Gas Transmission organization. Governance and Compliance provides monitoring and tracking of compliance performance for both SoCalGas and SDG&E utilities, including tracking and reporting pipeline leaks and repairs, developing and monitoring compliance work orders within the computerized asset maintenance system, and ensuring compliance with all state and federal regulatory requirements. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																				
O&M	GAS TRANSMISSION	GOVERNANCE & COMPLIANCE 2200-0931	Asset and Records Management	Establish an Enterprise Asset Management Operating Model	Establish an Enterprise Asset Management Operating Model	No	The Governance and Compliance Manager's organization is responsible for system business governance and compliance across the Gas Transmission organization. Governance and Compliance provides monitoring and tracking of compliance performance for both SoCalGas and SDG&E utilities, including tracking and reporting pipeline leaks and repairs, developing and monitoring compliance work orders within the computerized asset maintenance system, and ensuring compliance with all state and federal regulatory requirements. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																				
O&M	**GAS TRANSMISSION**	**SubTotal GOVERNANCE & COMPLIANCE 2200-0931**				**Yes**																					
O&M	GAS TRANSMISSION	PIPELINE AND INSTRUMENTATION OPERATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	This workpaper is unable to identify a single unit of measure due to the variety of Pipeline and Instrumentation non-RAMP activities. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																				
O&M	GAS TRANSMISSION	PIPELINE AND INSTRUMENTATION OPERATIONS	Excavation Damage (Dig-In) on the Gas System	Company Excavator Training (HP)	Company Excavator Training (HP)	No	Company excavator training is a formal training program that provides excavation training to employees who are required to excavate as part of their job duties. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																				
O&M	GAS TRANSMISSION	PIPELINE AND INSTRUMENTATION OPERATIONS	Excavation Damage (Dig-In) on the Gas System	Locate & Mark Activities (HP)	Locate & Mark Activities (HP)	No	Locate-and-mark activities include locating and marking SoCalGas underground pipelines, job observations, pothole operations, and depth checks. The variety of work in this category makes it infeasible to identify a single unit of measurement.																				
O&M	GAS TRANSMISSION	PIPELINE AND INSTRUMENTATION OPERATIONS	Excavation Damage (Dig-In) on the Gas System	Locate & Mark Training (HP)	Locate & Mark Training (HP)	No	Locate and mark training provides employees who perform locating tasks with the necessary knowledge and operator qualification to locate and mark underground gas facilities. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																				
O&M	GAS TRANSMISSION	PIPELINE AND INSTRUMENTATION OPERATIONS	Excavation Damage (Dig-In) on the Gas System	Locate and Mark Annual Refresher Training and Competency Program (HP)	Locate and Mark Annual Refresher Training and Competency Program (HP)	No	All company personnel performing locate and mark Activities must complete an annual re-training and refresh program. This program consists of local supervisors reviewing SoCalGas Gas Standards with the locate and mark workforce. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																				
O&M	GAS TRANSMISSION	PIPELINE AND INSTRUMENTATION OPERATIONS	Excavation Damage (Dig-In) on the Gas System	Pipeline Patrol and Pipeline Markers (HP)	Pipeline Patrol and Pipeline Markers (HP)	No	Qualified employees patrol high-pressure pipelines, assessing the area over and around the pipeline for signs of excavation or potential excavation. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																				
O&M	GAS TRANSMISSION	PIPELINE AND INSTRUMENTATION OPERATIONS	Incident Related to the High Pressure System (Excluding Dig-in)	Leak Survey & Patrol (HCA & Non-HCA)	Transmission - HCA	No	Instrument Leak Survey & Patrol activities consist of semi-annual leak and patrol surveys, quarterly patrols and special leak and patrol surveys on transmission pipelines. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																				
O&M	GAS TRANSMISSION	PIPELINE AND INSTRUMENTATION OPERATIONS	Incident Related to the High Pressure System (Excluding Dig-in)	Leak Survey & Patrol (HCA & Non-HCA)	Transmission - Non-HCA	No	Instrument Leak Survey & Patrol activities consist of semi-annual leak and patrol surveys, quarterly patrols and special leak and patrol surveys on transmission pipelines. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																				
O&M	GAS TRANSMISSION	PIPELINE AND INSTRUMENTATION OPERATIONS	Incident Related to the High Pressure System (Excluding Dig-in)	Measurement & Regulation Stations - Maintenance (HCA & non-HCA)	Transmission - HCA	No	Measurement & Regulation Station activities consist of valve inspections, vault inspections, producer station inspection, pressure limiting station inspections, relief valve inspections and actuator/controller, and regulator inspections on transmission pipelines. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																				
O&M	GAS TRANSMISSION	PIPELINE AND INSTRUMENTATION OPERATIONS	Incident Related to the High Pressure System (Excluding Dig-in)	Measurement & Regulation Stations - Maintenance (HCA & non-HCA)	Transmission - Non-HCA	No	Measurement & Regulation Station activities consist of valve inspections, vault inspections, producer station inspection, pressure limiting station inspections, relief valve inspections and actuator/controller, and regulator inspections on transmission pipelines. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																				
O&M	GAS TRANSMISSION	PIPELINE AND INSTRUMENTATION OPERATIONS	Incident Related to the High Pressure System (Excluding Dig-in)	Odorization	Transmission Facilities	No	Odorization activities consist of the delivery and safe storage of odorant at SoCalGas receipt points and the monthly odor intensity testing on transmission pipelines. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																				

SoCalGas GAS TRANSMISSION OPERATIONS & CONSTRUCTION O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Treatise	Rollup	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Impacted Authorized Units 2024	Impacted Authorized Units 2025	Impacted Authorized Units 2026	Impacted Authorized Units 2027	Impacted Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
O&M	GAS TRANSMISSION	PIPELINE AND INSTRUMENTATION OPERATIONS	Incident Related to the High Pressure System (Excluding Digs ins)	Pipeline Maintenance (HCA & Non-HCA)	Transmission - HCA	No	Pipeline Maintenance activities consist of class location surveys, valve inspections, vault inspections and bridge and span inspections on transmission pipelines. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																				
O&M	GAS TRANSMISSION	PIPELINE AND INSTRUMENTATION OPERATIONS	Incident Related to the High Pressure System (Excluding Digs ins)	Pipeline Maintenance (HCA & Non-HCA)	Transmission - Non-HCA	No	Pipeline Maintenance activities consist of class location surveys, valve inspections, vault inspections and bridge and span inspections on transmission pipelines. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																				
O&M	**GAS TRANSMISSION**	**SubTotal PIPELINE AND INSTRUMENTATION OPERATIONS**				**Yes**																					
O&M	GAS TRANSMISSION	SCADA OPERATIONS - 220043529	Incident Related to the High Pressure System (Excluding Digs ins)	SCADA Operations	N/A	No	The Supervisory Control and Data Acquisition (SCADA) Operations department manages the planning, operation, and maintenance of the SCADA system. The SCADA system provides remote monitoring and operation of valves, compressors, pressure regulation equipment, and gas flow across the system. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																		
O&M	**GAS TRANSMISSION**	**SubTotal SCADA OPERATIONS - 220043529**				**Yes**																					
O&M	GAS TRANSMISSION	STORAGE PRODUCTS MANAGER	Non-RAMP	Non-RAMP	Non-RAMP	No	The Storage Products Manager operates the California Energy Hub (CEH) Operational Hub to provide unbundled natural gas storage and parking services. Staff responsibilities include managing the sale of storage products and CEH Operational Hub services through sales campaigns, open seasons, and bilateral negotiations. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																		
O&M	**GAS TRANSMISSION**	**SubTotal STORAGE PRODUCTS MANAGER**				**Yes**																					
O&M	GAS TRANSMISSION	TECHNICAL SERVICES	Incident Related to the High Pressure System (Excluding Digs ins)	Class Location (Hydrotest) (HCA-Non-HCA)	Transmission - HCA	No	Technical Services provides the technical and administrative services needed for the successful and timely completion of the planning and permitting of strength testing for class location change projects. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																				
O&M	GAS TRANSMISSION	TECHNICAL SERVICES	Incident Related to the High Pressure System (Excluding Digs ins)	Class Location (Hydrotest) (HCA-Non-HCA)	Transmission - Non-HCA	No	Technical Services provides the technical and administrative services needed for the successful and timely completion of the planning and permitting of strength testing for class location change projects. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																				
O&M	GAS TRANSMISSION	TECHNICAL SERVICES	Incident Related to the High Pressure System (Excluding Digs ins)	Engineering Oversight and Compliance Review	N/A	No	The work associated with the RAMP mitigation engineering, oversight, and compliance review is completed by the Technical Services group. These activities consist of utility plan checks and review of all completed compliance orders on transmission pipeline systems. This work is necessary to avoid third-party damage, uphold the structural integrity of the pipeline, maintain feasible access to the pipeline system, and verify that the Company is meeting regulatory standards. The variety of work activities in the category makes it infeasible to identify a single unit of measurement.																		
O&M	GAS TRANSMISSION	TECHNICAL SERVICES	Incident Related to the High Pressure System (Excluding Digs ins)	Right of Way (HCA & Non-HCA)	Transmission - HCA	No	Technical Services right-of-way (ROW) maintenance includes routine maintenance to remove weeds to reduce fire risks, public outreach, permitting road maintenance and span painting projects. This work often requires the support of specialized contractors. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																				
O&M	GAS TRANSMISSION	TECHNICAL SERVICES	Incident Related to the High Pressure System (Excluding Digs ins)	Right of Way (HCA & Non-HCA)	Transmission - Non-HC	No	Technical Services right-of-way (ROW) maintenance includes routine maintenance to remove weeds to reduce fire risks, public outreach, permitting road maintenance and span painting projects. This work often requires the support of specialized contractors. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																				
O&M	**GAS TRANSMISSION**	**SubTotal TECHNICAL SERVICES**				**Yes**																					

SoCalGas GAS TRANSMISSION OPERATIONS & CONSTRUCTION O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Safety, Reliability, or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status	Status Variance Explanation Required
O&M	GAS TRANSMISSION OPERATIONS & CONSTRUCTION	GAS TRANSMISSION OPERATIONS & CONSTRUCTION				Yes										
O&M	GAS TRANSMISSION	CAPACITY PRODUCTS SUPPORT - 2200-0528	Non-RAMP	Non-RAMP	Non-RAMP	No	NO									
O&M	**GAS TRANSMISSION**	**SubTotal CAPACITY PRODUCTS SUPPORT - 2200-0528**				**Yes**	**NO**									
O&M	GAS TRANSMISSION	CATHODIC PROTECTION OPERATIONS	Incident Related to the High Pressure System (Excluding Digsite)	Cathodic Protection - Maintenance (HCA & NonHCA)	Transmission - HCA	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	GAS TRANSMISSION	CATHODIC PROTECTION OPERATIONS	Incident Related to the High Pressure System (Excluding Digsite)	Cathodic Protection - Maintenance (HCA & NonHCA)	Transmission - Non-HCA	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**GAS TRANSMISSION**	**SubTotal CATHODIC PROTECTION OPERATIONS**				**Yes**	**YES**	**NO**								**NO**
O&M	GAS TRANSMISSION	COMPRESSOR STATION OPERATIONS	Incident Related to the High Pressure System (Excluding Digsite)	Compressor Station Maintenance	Transmission - Facilities	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**GAS TRANSMISSION**	**SubTotal COMPRESSOR STATION OPERATIONS**				**Yes**	**YES**	**NO**								**NO**
O&M	GAS TRANSMISSION	CONTROL CENTER MODERNIZATION	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	YES	N/A	The number of FTEs required for change management and operations technology increased in 2024 due to a significant rise in installed assets and an uptick in maintenance-related software activities. The FTEs associated with change management are expected to decrease through 2026, aligning more closely with the authorized unit amount.	On Target (T)	On Target (T)	Over (O)	Proceeding as Planned	NO
O&M	GAS TRANSMISSION	CONTROL CENTER MODERNIZATION	Excavation Damage (Digsite) on the Gas System	Pipeline Monitoring Technologies (HP)	N/A	No	YES	NO	YES	N/A	Installation of pipeline monitoring technology assets such as DCA methane sensors and Optical Pipeline Monitoring (OPM) systems took longer than forecasted, therefore FTEs related to the maintenance of these assets have not been utilized as of 2024.	On Target (T)	Under (U)	Under (U)	Proceeding as Planned	YES
O&M	**GAS TRANSMISSION**	**SubTotal CONTROL CENTER MODERNIZATION**				**Yes**	**YES**	**NO**								**NO**
O&M	**GAS TRANSMISSION**	**SubTotal**				**Yes**		**NO**								**NO**
O&M	GAS TRANSMISSION	DIRECTOR OF GAS TRANSMISSION - 2200-0253	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	Over (O)	Proceeding as Planned	NO
O&M	**GAS TRANSMISSION**	**SubTotal DIRECTOR OF GAS TRANSMISSION - 2200-0253**				**Yes**	**YES**	**NO**								**NO**
O&M	GAS TRANSMISSION	TRANSMISSION & STORAGE STRATEGY MANAGER 2200-0330	Non-RAMP	Non-RAMP	Non-RAMP	No	NO									
O&M	**GAS TRANSMISSION**	**SubTotal TRANSMISSION & STORAGE STRATEGY MANAGER 2200-0330**				**Yes**	**NO**									
O&M	GAS TRANSMISSION	FOM COMPRESSOR STATION OPERATIONS 2200-2173	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**GAS TRANSMISSION**	**SubTotal FOM COMPRESSOR STATION OPERATIONS 2200-2173**				**Yes**	**YES**	**NO**								**NO**
O&M	GAS TRANSMISSION	FOM EAST TRANSMISSION - 2200-0265	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	Under (U)	Proceeding as Planned	NO
O&M	**GAS TRANSMISSION**	**SubTotal FOM EAST TRANSMISSION - 2200-0265**				**Yes**	**YES**	**NO**								**NO**
O&M	GAS TRANSMISSION	GAS CONTROL - 2200-2289	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	YES	NO	In compliance with PHMSA requirements, and based on the volume of alarms projected to be routed to Gas Control due to the assets installed by the Control Center Modernization (CCM) project, an increase in hiring commenced in 2026. The costs incurred in 2024 reflect the necessary staffing levels to allow proper control and monitoring of the system.	N/A	On Target (T)	On Target (T)	Under (U)	Proceeding as Planned	NO
O&M	GAS TRANSMISSION	GAS CONTROL - 2200-2289	Incident Related to the High Pressure System (Excluding Digsite)	Control Room Monitoring, Operation and Fatigue Management	N/A	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**GAS TRANSMISSION**	**SubTotal GAS CONTROL - 2200-2289**				**Yes**	**YES**	**YES**								**NO**
O&M	GAS TRANSMISSION	GAS SCHEDULING - 2200-2158	Non-RAMP	Non-RAMP	Non-RAMP	No	NO									
O&M	**GAS TRANSMISSION**	**SubTotal GAS SCHEDULING - 2200-2158**				**Yes**	**NO**									
O&M	GAS TRANSMISSION	GAS TRANSMISSION PLANNING - 2200-2329	Incident Related to the High Pressure System (Excluding Digsite)	Gas Transmission Planning	N/A	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**GAS TRANSMISSION**	**SubTotal GAS TRANSMISSION PLANNING - 2200-2329**				**Yes**	**YES**	**NO**								**NO**
O&M	GAS TRANSMISSION	GOVERNANCE & COMPLIANCE 2200-0931	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	YES	NO	The variance in this category is due to restructuring that occurred after the 2024 GRC forecasts were developed. Increased spending was also associated with Maximo Mobile (software) expenses. Much of the spending in this cost category was forecast in Technical Services.	N/A	Over (O)	On Target (T)	Over (O)	Proceeding as Planned	NO
O&M	GAS TRANSMISSION	GOVERNANCE & COMPLIANCE 2200-0931	Asset and Records Management	Establish an Enterprise Asset Management Operating Model	Establish an Enterprise Asset Management Operating Model	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**GAS TRANSMISSION**	**SubTotal GOVERNANCE & COMPLIANCE 2200-0931**				**Yes**	**YES**	**YES**								**NO**
O&M	GAS TRANSMISSION	PIPELINE AND INSTRUMENTATION OPERATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	YES	NO	Since filing the TY 2028 GRC, it has been determined that all activities in Pipeline Instrumentation and Operations should be classified as RAMP. No actual costs were identified as non-RAMP in 2024. All activity related to Pipeline and Instrumentation Operations has been reclassified and accounted for in the respective RAMP categories below. This results in a variance for this activity.	N/A	On Target (T)	On Target (T)	Under (U)	Other	YES
O&M	GAS TRANSMISSION	PIPELINE AND INSTRUMENTATION OPERATIONS	Excavation Damage (Digsite) on the Gas System	Company Excavator Training (HP)	Company Excavator Training (HP)	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	Under (U)	Proceeding as Planned	YES
O&M	GAS TRANSMISSION	PIPELINE AND INSTRUMENTATION OPERATIONS	Excavation Damage (Digsite) on the Gas System	Locate & Mark Activities (HP)	Locate & Mark Activities (HP)	No	YES	YES	NO	The costs in this category of spending are dependent on the number of tickets for third party and internal work. This cost category may fluctuate from year to year due to the nature of this work. 2024 actuals are less than the 5-year average forecasted in the TY 2024 GRC.	N/A	On Target (T)	On Target (T)	Under (U)	Proceeding as Planned	NO
O&M	GAS TRANSMISSION	PIPELINE AND INSTRUMENTATION OPERATIONS	Excavation Damage (Digsite) on the Gas System	Locate & Mark Training (HP)	Locate & Mark Training (HP)	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	Under (U)	Proceeding as Planned	YES
O&M	GAS TRANSMISSION	PIPELINE AND INSTRUMENTATION OPERATIONS	Excavation Damage (Digsite) on the Gas System	Locate and Mark Annual Refresher Training and Competency Program (HP)	Locate and Mark Annual Refresher Training and Competency Program (HP)	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	YES
O&M	GAS TRANSMISSION	PIPELINE AND INSTRUMENTATION OPERATIONS	Excavation Damage (Digsite) on the Gas System	Pipeline Patrol and Pipeline Markers (HP)	Pipeline Patrol and Pipeline Markers (HP)	No	YES	YES	NO	Pipeline Patrol and Pipeline Markers (HP) and Leak Survey and Patrol (HCA and Non-HCA) are managed as one program. The combined totals are on target to what was forecasted in the TY 2024 GRC.	N/A	On Target (T)	On Target (T)	Over (O)	Proceeding as Planned	NO
O&M	GAS TRANSMISSION	PIPELINE AND INSTRUMENTATION OPERATIONS	Incident Related to the High Pressure System (Excluding Digsite)	Leak Survey & Patrol (HCA & NonHCA)	Transmission - HCA	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	Under (U)	Proceeding as Planned	NO
O&M	GAS TRANSMISSION	PIPELINE AND INSTRUMENTATION OPERATIONS	Incident Related to the High Pressure System (Excluding Digsite)	Leak Survey & Patrol (HCA & NonHCA)	Transmission - Non-HCA	No	YES	YES	NO	Pipeline Patrol and Pipeline Markers (HP) and Leak Survey and Patrol (HCA and Non-HCA) are managed as one program. The combined totals are on target to what was forecasted in the TY 2024 GRC.	N/A	On Target (T)	On Target (T)	Under (U)	Proceeding as Planned	NO
O&M	GAS TRANSMISSION	PIPELINE AND INSTRUMENTATION OPERATIONS	Incident Related to the High Pressure System (Excluding Digsite)	Measurement & Regulation Stations - Maintenance (HCA & NonHCA)	Transmission - HCA	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	Over (O)	Proceeding as Planned	NO
O&M	GAS TRANSMISSION	PIPELINE AND INSTRUMENTATION OPERATIONS	Incident Related to the High Pressure System (Excluding Digsite)	Measurement & Regulation Stations - Maintenance (HCA & NonHCA)	Transmission - Non-HCA	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	Over (O)	Proceeding as Planned	NO
O&M	GAS TRANSMISSION	PIPELINE AND INSTRUMENTATION OPERATIONS	Incident Related to the High Pressure System (Excluding Digsite)	Odorization	Transmission Facilities	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	Under (U)	Proceeding as Planned	NO

SoCalGas GAS TRANSMISSION OPERATIONS & CONSTRUCTION O&M

Type	Witness Area (List of Witness)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Safety, Reliability, or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status	Status Variance Explanation Required
O&M	GAS TRANSMISSION	PIPELINE AND INSTRUMENTATION OPERATIONS	Incident Related to the High Pressure System (Excluding Digs)	Pipeline Maintenance (HCA & NonHCA)	Transmission - HCA	No	YES	YES	NO	The cost variance in this category is due to the split of the 5-year average for the Pipeline and Instrumentation Operations cost category in the TY 2024 GRC. Estimates were developed using the best information available when creating the forecasts for various Pipeline Instrumentation Operations cost categories. When considered as a whole, the cost category of Pipeline and Instrumentation Operations is underspent even though the mitigation of Pipeline Maintenance is overspent. The overspending in the category was originally forecast in the non-RAMP Pipeline and Instrumentation Operations category.	N/A	On Target (T)	On Target (T)	Over (O)	Proceeding as Planned	NO
O&M	GAS TRANSMISSION	PIPELINE AND INSTRUMENTATION OPERATIONS	Incident Related to the High Pressure System (Excluding Digs)	Pipeline Maintenance (HCA & NonHCA)	Transmission - Non-HCA	No	YES	YES	NO	The cost variance in this category is due to the split of the 5-year average for the Pipeline and Instrumentation Operations cost category in the TY 2024 GRC. Estimates were developed using the best information available when creating the forecasts for various Pipeline Instrumentation Operations cost categories. When considered as a whole, the cost category of Pipeline and Instrumentation Operations is underspent even though the mitigation of Pipeline Maintenance is overspent. The overspending in the category was originally forecast in the non-RAMP Pipeline and Instrumentation Operations category.	N/A	On Target (T)	On Target (T)	Over (O)	Proceeding as Planned	NO
O&M	**GAS TRANSMISSION**	**SubTotal PIPELINE AND INSTRUMENTATION OPERATIONS**				**Yes**	**YES**	**NO**								**NO**
O&M	GAS TRANSMISSION	SCADA OPERATIONS - 220043529	Incident Related to the High Pressure System (Excluding Digs)	SCADA Operations	N/A	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	Over (O)	Proceeding as Planned	NO
O&M	**GAS TRANSMISSION**	**SubTotal SCADA OPERATIONS - 220043529**				**Yes**	**YES**	**NO**								**NO**
O&M	GAS TRANSMISSION	STORAGE PRODUCTS MANAGER	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**GAS TRANSMISSION**	**SubTotal STORAGE PRODUCTS MANAGER**				**Yes**	**YES**	**NO**								**NO**
O&M	GAS TRANSMISSION	TECHNICAL SERVICES	Incident Related to the High Pressure System (Excluding Digs)	Class Location (Hydrotest) (HCA-Non-HCA)	Transmission - HCA	No	YES	NO	NO	N/A	N/A	Under (U)	On Target (T)	Under (U)	Proceeding as Planned	NO
O&M	GAS TRANSMISSION	TECHNICAL SERVICES	Incident Related to the High Pressure System (Excluding Digs)	Class Location (Hydrotest) (HCA-Non-HCA)	Transmission - Non-HCA	No	YES	NO	NO	N/A	N/A	Under (U)	On Target (T)	Under (U)	Proceeding as Planned	NO
O&M	GAS TRANSMISSION	TECHNICAL SERVICES	Incident Related to the High Pressure System (Excluding Digs)	Engineering Oversight and Compliance Review	N/A	No	YES	NO	NO	N/A	N/A	Under (U)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	GAS TRANSMISSION	TECHNICAL SERVICES	Incident Related to the High Pressure System (Excluding Digs)	Right of Way (HCA & NonHCA)	Transmission - HCA	No	YES	NO	NO	N/A	N/A	Under (U)	On Target (T)	Under (U)	Proceeding as Planned	NO
O&M	GAS TRANSMISSION	TECHNICAL SERVICES	Incident Related to the High Pressure System (Excluding Digs)	Right of Way (HCA & NonHCA)	Transmission - Non-HC	No	YES	NO	NO	N/A	N/A	Under (U)	On Target (T)	Under (U)	Proceeding as Planned	NO
O&M	**GAS TRANSMISSION**	**SubTotal TECHNICAL SERVICES**				**Yes**	**YES**	**YES**		**The cost variance in this category is due to fewer right of way and class location hydrotests (pressure) being required. Class location projects are predominantly driven by new construction/population growth in close proximity to transmission pipelines. The variance in this category is due to constructing of where the activity is performed that occurred after the 2024 GRC forecasts were developed. Actual costs are reflected in the Governance and Compliance activity above.**						

SoCalGas GAS TRANSMISSION OPERATIONS & CONSTRUCTION O&M

Type	Witness Area (Line of Business)	WP Activity Description (Investing Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Status Variance Explanation	WP Activity Description	2024 GRC Testimony Location
O&M	GAS TRANSMISSION OPERATIONS & CONSTRUCTION	GAS TRANSMISSION OPERATIONS & CONSTRUCTION				Yes			
O&M	GAS TRANSMISSION	CAPACITY PRODUCTS SUPPORT - 2200-0828	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**GAS TRANSMISSION**	**SubTotal CAPACITY PRODUCTS SUPPORT - 2200-0828**				**Yes**			
O&M	GAS TRANSMISSION	CATHODIC PROTECTION OPERATIONS	Incident Related to the High Pressure System (Excluding Digsite)	Cathodic Protection - Maintenance (HCA & Non-HCA)	Transmission - HCA	No	N/A		
O&M	GAS TRANSMISSION	CATHODIC PROTECTION OPERATIONS	Incident Related to the High Pressure System (Excluding Digsite)	Cathodic Protection - Maintenance (HCA & Non-HCA)	Transmission - Non-HCA	No	N/A		
O&M	**GAS TRANSMISSION**	**SubTotal CATHODIC PROTECTION OPERATIONS**				**Yes**			
O&M	GAS TRANSMISSION	COMPRESSOR STATION OPERATIONS	Incident Related to the High Pressure System (Excluding Digsite)	Compressor Station Maintenance	Transmission - Facilities	No	N/A		
O&M	**GAS TRANSMISSION**	**SubTotal COMPRESSOR STATION OPERATIONS**				**Yes**			
O&M	GAS TRANS MISSION	CONTROL CENTER MODERNIZATION	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A	The Control Center Modernization (CCM) project has operating and maintenance costs associated to the CCM project management office (PMO), change management, optical pipeline monitoring (OPM) stations, High Consequence Area (HCA) mitigation activities, and operations technology (OT) enhancements.	SCG06-28-E CHB-34 to CHB-41 WP 2GT00E.000
O&M	GAS TRANS MISSION	CONTROL CENTER MODERNIZATION	Excavation Damage (Digsite) on the Gas System	Pipeline Monitoring Technologies (HP)	N/A	No	Installation of pipeline monitoring technology assets such as HCA methane sensors and OPM stations was slower than expected, therefore the maintenance that was originally anticipated for those assets is delayed	The Control Center Modernization (CCM) project has operating and maintenance costs associated to the CCM project management office (PMO), change management, optical pipeline monitoring (OPM) stations, High Consequence Area (HCA) mitigation activities, and operations technology (OT) enhancements.	SCG06-28-E CHB-34 to CHB-41 WP 2GT00E.000
O&M	**GAS TRANSMISSION**	**SubTotal CONTROL CENTER MODERNIZATION**				**Yes**			
O&M	**GAS TRANSMISSION**	**SubTotal**				**Yes**			
O&M	GAS TRANS MISSION	DIRECTOR OF GAS TRANSMISSION - 2200-0253	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
O&M	**GAS TRANSMISSION**	**SubTotal DIRECTOR OF GAS TRANSMISSION - 2200-0253**				**Yes**			
O&M	GAS TRANS MISSION	TRANSMISSION & STORAGE STRATEGY MANAGER 2200-0330	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**GAS TRANSMISSION**	**SubTotal TRANSMISSION & STORAGE STRATEGY MANAGER 2200-0330**				**Yes**			
O&M	GAS TRANS MISSION	FOM COMPRESSOR STATION OPERATIONS 2200-2173	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
O&M	**GAS TRANSMISSION**	**SubTotal FOM COMPRESSOR STATION OPERATIONS 2200-2173**				**Yes**			
O&M	GAS TRANS MISSION	FOM EAST TRANSMISSION - 2200-0265	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
O&M	**GAS TRANSMISSION**	**SubTotal FOM EAST TRANSMISSION - 2200-0265**				**Yes**			
O&M	GAS TRANS MISSION	GAS CONTROL - 2200-2289	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A	Control Room Monitoring and Operation activities consist of 24/7 operation of the transmission pipeline system in a real-time control room environment.	SCG06-28-E CHB-54 to CHB-58 WP 2200-2289.000
O&M	GAS TRANS MISSION	GAS CONTROL - 2200-2289	Incident Related to the High Pressure System (Excluding Digsite)	Control Room Monitoring, Operation and Fatigue Management	N/A	No	N/A		
O&M	**GAS TRANSMISSION**	**SubTotal GAS CONTROL - 2200-2289**				**Yes**			
O&M	GAS TRANS MISSION	GAS SCHEDULING - 2200-2158	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**GAS TRANSMISSION**	**SubTotal GAS SCHEDULING - 2200-2158**				**Yes**			
O&M	GAS TRANS MISSION	GAS TRANSMISSION PLANNING - 2200-2329	Incident Related to the High Pressure System (Excluding Digsite)	Gas Transmission Planning	N/A	No	N/A		
O&M	**GAS TRANSMISSION**	**SubTotal GAS TRANSMISSION PLANNING - 2200-2329**				**Yes**			
O&M	GAS TRANS MISSION	GOVERNANCE & COMPLIANCE 2200-0931	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A	The Governance and Compliance organization is responsible for system business governance and compliance across the Gas Transmission organizations. Governance and Compliance provides monitoring and tracking of compliance performance for both SoCalGas and SDG&E utilities, including tracking and reporting pipeline leaks and repairs, developing and monitoring compliance work orders within the computerized asset maintenance system, and ensuring compliance with all state and federal regulatory requirements.	SCG06-28-E CHB-47 to CHB-49 WP 2200-0931.000
O&M	GAS TRANS MISSION	GOVERNANCE & COMPLIANCE 2200-0931	Asset and Records Management	Establish an Enterprise Asset Management Operating Model	Establish an Enterprise Asset Management Operating Model	No	N/A		
O&M	**GAS TRANSMISSION**	**SubTotal GOVERNANCE & COMPLIANCE 2200-0931**				**Yes**			
O&M	GAS TRANS MISSION	PIPELINE AND INSTRUMENTATION OPERATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	Pipeline and Instrumentation Operations activities are proceeding as planned. All costs associated with this activity for 2024 base basis identified as RAMP and have been categorized in the appropriate category.	Non-RAMP Pipeline and Intrumentation Operations activities. Pipeline & Instrumentation Operations within Gas Transmission Operations consists of instrument leak survey, pipeline patrol, locate and mark activities, measurement and regulation inspections, and odorization of natural gas.	SCG06-28-E CHB-17 to CHB-23 WP 2GT00.000
O&M	GAS TRANS MISSION	PIPELINE AND INSTRUMENTATION OPERATIONS	Excavation Damage (Digsite) on the Gas System	Company Excavator Training (HP)	Company Excavator Training (HP)	No	Excavator Training activities are deferred. No costs were identified for this category in 2024 but are anticipated in future years.	This formal training program provides excavation training to employees who are required to excavate as part of their job duties.	SCG06-28-E CHB-17 to CHB-23 WP 2GT00.000
O&M	GAS TRANS MISSION	PIPELINE AND INSTRUMENTATION OPERATIONS	Excavation Damage (Digsite) on the Gas System	Locate & Mark Activities (HP)	Locate & Mark Activities (HP)	No	N/A	The purpose of the locate and mark activities is to prevent damage to gas infrastructure caused by excavators.	SCG06-28-E CHB-17 to CHB-23 WP 2GT00.000
O&M	GAS TRANS MISSION	PIPELINE AND INSTRUMENTATION OPERATIONS	Excavation Damage (Digsite) on the Gas System	Locate & Mark Training (HP)	Locate & Mark Training (HP)	No	Locate and Mark Training activities are proceeding as planned. No costs were identified for this category in 2024 but are anticipated in future years.	Locate and mark training provides employees who perform locating tasks with the necessary knowledge and operator qualification to locate and mark underground gas facilities.	SCG06-28-E CHB-17 to CHB-23 WP 2GT00.000
O&M	GAS TRANS MISSION	PIPELINE AND INSTRUMENTATION OPERATIONS	Excavation Damage (Digsite) on the Gas System	Locate and Mark Annual Refresher Training and Competency Program (HP)	Locate and Mark Annual Refresher Training and Competency Program (HP)	No	Locate and Mark Annual Refresher Training and Competency Program activities are proceeding as planned. No costs were identified for this category in 2024 but are anticipated in future years.	All company personnel performing locate and mark activities must complete an annual re-training and refresh program. This program consists of local supervisors reviewing SoCalGas Gas Standards with the locate and mark workforce.	SCG06-28-E CHB-17 to CHB-23 WP 2GT00.000
O&M	GAS TRANS MISSION	PIPELINE AND INSTRUMENTATION OPERATIONS	Excavation Damage (Digsite) on the Gas System	Pipeline Patrol and Pipeline Markers (HP)	Pipeline Patrol and Pipeline Markers (HP)	No	N/A	Qualified employees patrol high pressure pipelines, assessing the area over and around the pipeline for signs of excavation or potential excavation.	SCG06-28-E CHB-17 to CHB-23 WP 2GT00.000
O&M	GAS TRANS MISSION	PIPELINE AND INSTRUMENTATION OPERATIONS	Incident Related to the High Pressure System (Excluding Digsite)	Leak Survey & Patrol (HCA & Non-HCA)	Transmission - HCA	No	N/A		
O&M	GAS TRANS MISSION	PIPELINE AND INSTRUMENTATION OPERATIONS	Incident Related to the High Pressure System (Excluding Digsite)	Leak Survey & Patrol (HCA & Non-HCA)	Transmission - Non-HCA	No	N/A	Instrument Leak Survey & Patrol activities consist of semi-annual leak and patrol surveys, quarterly patrols and special leak and patrol surveys on transmission pipelines.	SCG06-28-E CHB-17 to CHB-23 WP 2GT00.000
O&M	GAS TRANS MISSION	PIPELINE AND INSTRUMENTATION OPERATIONS	Incident Related to the High Pressure System (Excluding Digsite)	Measurement & Regulation Stations - Maintenance (HCA & Non-HCA)	Transmission - HCA	No	N/A		
O&M	GAS TRANS MISSION	PIPELINE AND INSTRUMENTATION OPERATIONS	Incident Related to the High Pressure System (Excluding Digsite)	Measurement & Regulation Stations - Maintenance (HCA & Non-HCA)	Transmission - Non-HCA	No	N/A		
O&M	GAS TRANS MISSION	PIPELINE AND INSTRUMENTATION OPERATIONS	Incident Related to the High Pressure System (Excluding Digsite)	Odorization	Transmission Facilities	No	N/A		

SoCalGas GAS TRANSMISSION OPERATIONS & CONSTRUCTION O&M

Type	Witness Area (List of Witness)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Transfer	Roll-up	Status Variance Explanation	WP Activity Description	2024 GRC Testimony Location
O&M	GAS TRANSMISSION	PIPELINE AND INSTRUMENTATION OPERATIONS	Incident Related to the High Pressure System (Excluding Digs)	Pipeline Maintenance (HCA & Non-HCA)	Transmission - HCA	No	N/A	Pipeline Maintenance activities consist of class location surveys, valve inspections, stuff inspections and bridge and span inspections on transmission pipelines.	SCG06-2R-E CHB-17 to CHB-23 WP 2GT00.000
O&M	GAS TRANSMISSION	PIPELINE AND INSTRUMENTATION OPERATIONS	Incident Related to the High Pressure System (Excluding Digs)	Pipeline Maintenance (HCA & Non-HCA)	Transmission - Non-HCA	No	N/A	Pipeline Maintenance activities consist of class location surveys, valve inspections, stuff inspections and bridge and span inspections on transmission pipelines.	SCG06-2R-E CHB-17 to CHB-23 WP 2GT00.000
O&M	**GAS TRANSMISSION**	**SubTotal PIPELINE AND INSTRUMENTATION OPERATIONS**				**Yes**			
O&M	GAS TRANSMISSION	SCADA OPERATIONS - 220043529	Incident Related to the High Pressure System (Excluding Digs)	SCADA Operations	N/A	No	N/A		
O&M	**GAS TRANSMISSION**	**SubTotal SCADA OPERATIONS - 220043529**				**Yes**			
O&M	GAS TRANSMISSION	STORAGE PRODUCTS MANAGER	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
O&M	**GAS TRANSMISSION**	**SubTotal STORAGE PRODUCTS MANAGER**				**Yes**			
O&M	GAS TRANSMISSION	TECHNICAL SERVICES	Incident Related to the High Pressure System (Excluding Digs)	Class Location (Hydrotest) (HCA-Non-HCA)	Transmission - HCA	No	N/A		
O&M	GAS TRANSMISSION	TECHNICAL SERVICES	Incident Related to the High Pressure System (Excluding Digs)	Class Location (Hydrotest) (HCA-Non-HCA)	Transmission - Non-HCA	No	N/A		
O&M	GAS TRANSMISSION	TECHNICAL SERVICES	Incident Related to the High Pressure System (Excluding Digs)	Engineering Oversight and Compliance Review	N/A	No	N/A		
O&M	GAS TRANSMISSION	TECHNICAL SERVICES	Incident Related to the High Pressure System (Excluding Digs)	Right of Way (HCA & Non-HCA)	Transmission - HCA	No	N/A		
O&M	GAS TRANSMISSION	TECHNICAL SERVICES	Incident Related to the High Pressure System (Excluding Digs)	Right of Way (HCA & Non-HCA)	Transmission - Non-HC	No	N/A		
O&M	**GAS TRANSMISSION**	**SubTotal TECHNICAL SERVICES**				**Yes**		**Technical Services provides many of the technical and administrative services needed for the successful and timely completion of operation and maintenance (O&M) activities. The primary activities and costs in this category include the planning and permitting of projects, including right-of-way maintenance and strength testing for class location change projects.**	**SCG-06-2R-E CHB-23 to CHB-33 WP 2GT00.000**

SoCalGas PIPELINE SAFETY ENHANCEMENT PLAN (PSEP) O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date ($)
O&M	**PIPELINE SAFETY ENHANCEMENT PLAN (PSEP)**	**PIPELINE SAFETY ENHANCEMENT PLAN (PSEP)**				**Yes**			**51,459**	**—**	**—**	**—**	**51,459**	**51,852**	**53,408**	**55,010**	**56,660**	**51,852**
O&M	PIPELINE SAFETY ENHANCEMENT PLAN	CONSTRUCTION MISCELLANEOUS	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	9,531	—	—	—	9,531	2,989	3,079	3,171	3,266	2,989
O&M	**PIPELINE SAFETY ENHANCEMENT PLAN**	**SubTotal CONSTRUCTION MISCELLANEOUS**				**Yes**			**9,531**	**—**	**—**	**—**	**9,531**	**2,989**	**3,079**	**3,171**	**3,266**	**2,989**
O&M	PIPELINE SAFETY ENHANCEMENT PLAN	PSEP P2A HYDROTESTS	Incident Related to the High Pressure System (Excluding Dig-in)	Hydrotesting (Phase 2A GRC Base)	C22-T3.4	No	On-going	Annual	41,928	—	—	—	41,928	48,863	50,329	51,839	53,394	48,863
O&M	**PIPELINE SAFETY ENHANCEMENT PLAN**	**SubTotal PSEP P2A HYDROTESTS**				**Yes**			**41,928**	**—**	**—**	**—**	**41,928**	**48,863**	**50,329**	**51,839**	**53,394**	**48,863**

SoCalGas PIPELINE SAFETY ENHANCEMENT PLAN (PSEP) O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference ($)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
O&M	**PIPELINE SAFETY ENHANCEMENT PLAN (PSEP)**	**PIPELINE SAFETY ENHANCEMENT PLAN (PSEP)**				**Yes**	**(393)**	**(53,408)**	**(55,810)**	**(56,460)**	**(393)**	**-1%**	**-100%**	**-100%**	**-100%**	**-1%**
O&M	PIPELINE SAFETY ENHANCEMENT PLAN	CONSTRUCTION MISCELLANEOUS	Non-RAMP	Non-RAMP	Non-RAMP	No	6,542	(3,079)	(3,171)	(3,266)	6,542	219%	-100%	-100%	-100%	219%
O&M	**PIPELINE SAFETY ENHANCEMENT PLAN**	**SubTotal CONSTRUCTION MISCELLANEOUS**				**Yes**	**6,542**	**(3,079)**	**(3,171)**	**(3,266)**	**6,542**	**219%**	**-100%**	**-100%**	**-100%**	**219%**
O&M	PIPELINE SAFETY ENHANCEMENT PLAN	PSEP P2A HYDROTESTS	Incident Related to the High Pressure System (Excluding Dig-in)	Hydrotesting (Phase 2A GRC Base)	C22-T3.4	No	(6,935)	(50,329)	(51,839)	(53,394)	(6,935)	-14%	-100%	-100%	-100%	-14%
O&M	**PIPELINE SAFETY ENHANCEMENT PLAN**	**SubTotal PSEP P2A HYDROTESTS**				**Yes**	**(6,935)**	**(50,329)**	**(51,839)**	**(53,394)**	**(6,935)**	**-14%**	**-100%**	**-100%**	**-100%**	**-14%**

SoCalGas PIPELINE SAFETY ENHANCEMENT PLAN (PSEP) O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
O&M	**PIPELINE SAFETY ENHANCEMENT PLAN (PSEP)**	**PIPELINE SAFETY ENHANCEMENT PLAN (PSEP)**				**Yes**																					
O&M	PIPELINE SAFETY ENHANCEMENT PLAN	CONSTRUCTION MISCELLANEOUS	Non-RAMP	Non-RAMP	Non-RAMP	No	The activities in Construction Miscellaneous costs include labor and non-labor activities. These activities support the successful implementation of construction projects. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																				
O&M	**PIPELINE SAFETY ENHANCEMENT PLAN**	**SubTotal CONSTRUCTION MISCELLANEOUS**				**Yes**																					
O&M	PIPELINE SAFETY ENHANCEMENT PLAN	PSEP P2A HYDROTESTS	Incident Related to the High Pressure System (Excluding Dig-in)	Hydrotesting (Phase 2A GRC Base)	C22-T3.4	No	Miles of Pipe	45				45	61				61	(16)	0	0	0	(16)	(26)%	0 %	0 %	0 %	(26)%
O&M	**PIPELINE SAFETY ENHANCEMENT PLAN**	**SubTotal PSEP P2A HYDROTESTS**				**Yes**																					

SoCalGas PIPELINE SAFETY ENHANCEMENT PLAN (PSEP) O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Safety, Reliability, or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status	Status Variance Explanation Required?
O&M	PIPELINE SAFETY ENHANCEMENT PLAN (PSEP)	PIPELINE SAFETY ENHANCEMENT PLAN (PSEP)				Yes										
O&M	PIPELINE SAFETY ENHANCEMENT PLAN	CONSTRUCTION MISCELLANEOUS	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	YES	NO	The cost variance is primarily due to a write off of inventory (~$4.4M) and higher than anticipated labor and non-labor costs needed to provide project support to the Construction organization portfolio in 2024. Construction company labor and contractor labor exceeded forecasted amounts primarily due to an organizational expansion that occurred after submittal of A.22-05-015. The variance was also impacted by the normalization of capital delivery technology costs which spread the forecast over the four year rate case cycle despite the O&M costs of this project being incurred mostly in 2024.	N/A	Over (O)	On Target (T)	Over (O)	Proceeding as Planned	NO
O&M	**PIPELINE SAFETY ENHANCEMENT PLAN**	**SubTotal CONSTRUCTION MISCELLANEOUS**				**Yes**	**YES**	**YES**								**NO**
O&M	PIPELINE SAFETY ENHANCEMENT PLAN	PSEP P2A HYDROTESTS	Incident Related to the High Pressure System (Excluding Dig-in)	Hydrotesting (Phase 2A GRC Base)	C22-T3.4	No	YES	YES	YES	PSEP Phase 2A hydrotests are completed in compliance with D.11-06-017 and Public Utilities Code Section 958. Phase 2A comprises transmission pipelines that do not have sufficient documentation of a pressure test to at least 1.25 times the Maximum Allowable Operating Pressure and are located in Class 1 and 2 non-High Consequence Areas. The cost variance is due to executing specific projects in 2024 that varied from those that were originally planned when the TY 2024 GRC was filed in 2022. This is consistent with SoCalGas's strategy to manage the PSEP portfolio to the executable level of spending authorized in the TY2024 GRC. SoCalGas completed three major hydrotests on critical transmission lines in 2024 and performed planning and design work on other hydrotests that will be executed in subsequent years. This work was managed and executed through prudent program oversight and controls that maximize the effectiveness of safety investments for the benefit of customers.	PSEP Phase 2A hydrotests are completed in compliance with D.11-06-017 and Public Utilities Code Section 958. Phase 2A comprises transmission pipelines that do not have sufficient documentation of a pressure test to at least 1.25 times the Maximum Allowable Operating Pressure and are located in Class 1 and 2 non-High Consequence Areas. The unit variance is due to executing specific projects in 2024 that varied from those that were originally planned when the TY2024 GRC was filed in 2022. This is consistent with SoCalGas's strategy to manage the PSEP portfolio to the executable level of spending authorized in the TY2024 GRC. SoCalGas completed three major hydrotests on critical transmission lines in 2024 and performed planning and design work on other hydrotests that will be executed in subsequent years. This work was managed and executed through prudent program oversight and controls that maximize the effectiveness of safety investments for the benefit of customers.	On Target (T)	Under (U)	Under (U)	Proceeding as Planned	NO
O&M	**PIPELINE SAFETY ENHANCEMENT PLAN**	**SubTotal PSEP P2A HYDROTESTS**				**Yes**	**YES**	**YES**								**NO**

SoCalGas PIPELINE SAFETY ENHANCEMENT PLAN (PSEP) O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Status Variance Explanation	WP Activity Description	2024 GRC Testimony Location
O&M	**PIPELINE SAFETY ENHANCEMENT PLAN (PSEP)**	**PIPELINE SAFETY ENHANCEMENT PLAN (PSEP)**				**Yes**			
O&M	PIPELINE SAFETY ENHANCEMENT PLAN	CONSTRUCTION MISCELLANEOUS	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A	These costs represent miscellaneous costs associated with the Construction organization. Included are labor costs for Construction employees that do not charge to specific PSEP projects and nonlabor elements associated with the technology roadmap initiative. More information regarding these costs can be found in the Construction Miscellaneous costs supplemental workpaper included as Exhibit No. SCG-08-WPS, Volume VI.	SCG-08 BGK-44 to BGK-46 WP2PS000.001
O&M	**PIPELINE SAFETY ENHANCEMENT PLAN**	**SubTotal CONSTRUCTION MISCELLANEOUS**				**Yes**			
O&M	PIPELINE SAFETY ENHANCEMENT PLAN	PSEP P2A HYDROTESTS	Incident Related to the High Pressure System (Excluding Dig-in)	Hydrotesting (Phase 2A GRC Base)	C22-T3.4	No	N/A	These costs represent Phase 2A hydrotest projects that are scheduled to be executed from 2022-2024. The Commission ordered this work in directing California pipeline operators to "replace or pressure test all natural gas transmission pipeline in California that has not been tested or for which reliable records are not available." in D.11-06-017. Detailed information at a project level is contained in the supplemental workpapers included as Exhibit No. SCG-08-WPS, Volume I.	SCG-08 BGK-37 to BGK-44 WP2PS000.000
O&M	**PIPELINE SAFETY ENHANCEMENT PLAN**	**SubTotal PSEP P2A HYDROTESTS**				**Yes**			

SoCalGas GAS SYSTEM STAFF & TECHNOLOGY O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date ($)
O&M	GAS SYSTEM STAFF & TECHNOLOGY	GAS SYSTEM STAFF & TECHNOLOGY				Yes			17,010	—	—	—	17,010	26,246	27,034	27,845	28,681	26,246
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION	Excavation Damage (Dig In) on the Gas System	Public Awareness (HP) (T1 - T4)	Excavators (HP)	No	On-going	Annual	54	—	—	—	54	72	74	76	78	72
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION	Excavation Damage (Dig In) on the Gas System	Public Awareness (HP) (T1 - T4)	The Affected Public (HP)	No	On-going	Annual	60	—	—	—	60	73	75	77	79	73
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION	Excavation Damage (Dig In) on the Gas System	Public Awareness (MP) (T1 - T4)	Emergency Officials (MP)	No	On-going	Annual	—	—	—	—	—	2	2	2	2	2
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION	Excavation Damage (Dig In) on the Gas System	Public Awareness (MP) (T1 - T4)	Excavators (MP)	No	On-going	Annual	241	—	—	—	241	301	310	319	329	308
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION	Excavation Damage (Dig In) on the Gas System	Public Awareness (MP) (T1 - T4)	Local Public Officials (MP)	No	On-going	Annual	—	—	—	—	—	1	1	1	1	1
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION	Excavation Damage (Dig In) on the Gas System	Public Awareness (MP) (T1 - T4)	The Affected Public (MP)	No	On-going	Annual	247	—	—	—	247	309	319	329	339	309
O&M	**GAS SYSTEM STAFF & TECHNOLOGY**	**SubTotal DAMAGE PREVENTION**				**Yes**			**602**	**—**	**—**	**—**	**602**	**758**	**781**	**804**	**828**	**758**
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION PROGRAM MANAGEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	—	—	—	—	—	324	334	344	354	324
O&M	**GAS SYSTEM STAFF & TECHNOLOGY**	**SubTotal DAMAGE PREVENTION PROGRAM MANAGEMENT**				**Yes**			**—**	**—**	**—**	**—**	**—**	**324**	**334**	**344**	**354**	**324**
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION STRATEGIES	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	0	—	—	—	0	598	616	634	653	598
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION STRATEGIES	Excavation Damage (Dig In) on the Gas System	Automate Third Party Excavation Incident Reporting (HP)	N/A	No	On-going	Annual	27	—	—	—	27	21	22	23	24	21
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION STRATEGIES	Excavation Damage (Dig In) on the Gas System	Automate Third Party Excavation Incident Reporting (MP)	N/A	No	On-going	Annual	109	—	—	—	109	94	97	100	103	94
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION STRATEGIES	Excavation Damage (Dig In) on the Gas System	Damage Prevention Analysts (HP)	N/A	No	On-going	Annual	64	—	—	—	64	335	345	355	366	335
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION STRATEGIES	Excavation Damage (Dig In) on the Gas System	Damage Prevention Analysts (MP)	N/A	No	On-going	Annual	1,125	—	—	—	1,125	1,343	1,383	1,425	1,467	1,343
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION STRATEGIES	Excavation Damage (Dig In) on the Gas System	Damage Prevention Policy Activities (MP)	N/A	No	On-going	Annual	—	—	—	—	—	1	1	1	1	1
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION STRATEGIES	Excavation Damage (Dig In) on the Gas System	Gold Shovel Standard Program (HP)	N/A	No	On-going	Annual	—	—	—	—	—	1	1	1	1	1

SoCalGas GAS SYSTEM STAFF & TECHNOLOGY O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date ($)
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION STRATEGIES	Excavation Damage (Dig In) on the Gas System	Gold Shovel Standard Program (MP)	N/A	No	On-going	Annual	—	—	—	—	—	2	2	2	2	2
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION STRATEGIES	Excavation Damage (Dig In) on the Gas System	Locate and Mark Activities (HP)	N/A	No	On-going	Annual	75	—	—	—	75	275	283	291	300	275
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION STRATEGIES	Excavation Damage (Dig In) on the Gas System	Locate and Mark Activities (MP)	N/A	No	On-going	Annual	1,319	—	—	—	1,319	1,164	1,199	1,235	1,272	1,164
O&M	**GAS SYSTEM STAFF & TECHNOLOGY**	**SubTotal DAMAGE PREVENTION STRATEGIES**				**Yes**			**2,718**	**—**	**—**	**—**	**2,718**	**3,834**	**3,949**	**4,067**	**4,189**	**3,834**
O&M	GAS SYSTEM STAFF & TECHNOLOGY	ENTERPRISE ASSET MANAGEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	2,459	—	—	—	2,459	4,334	4,464	4,599	4,737	4,334
O&M	GAS SYSTEM STAFF & TECHNOLOGY	ENTERPRISE ASSET MANAGEMENT	Asset and Records Management	Asset and Records Management	N/A	No	On-going	Annual	168	—	—	—	168	901	928	956	985	901
O&M	GAS SYSTEM STAFF & TECHNOLOGY	ENTERPRISE ASSET MANAGEMENT	Asset and Records Management	Operational Compliance and Oversight	N/A	No	On-going	Annual	10	—	—	—	10	268	276	284	293	268
O&M	**GAS SYSTEM STAFF & TECHNOLOGY**	**SubTotal ENTERPRISE ASSET MANAGEMENT**				**Yes**			**2,637**	**—**	**—**	**—**	**2,637**	**5,503**	**5,668**	**5,839**	**6,015**	**5,503**
O&M	GAS SYSTEM STAFF & TECHNOLOGY	FIELD TECHNOLOGIES	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	124	—	—	—	124	498	513	528	544	498
O&M	**GAS SYSTEM STAFF & TECHNOLOGY**	**SubTotal FIELD TECHNOLOGIES**				**Yes**			**124**	**—**	**—**	**—**	**124**	**498**	**513**	**528**	**544**	**498**
O&M	GAS SYSTEM STAFF & TECHNOLOGY	GAS OPERATIONS CONSTRUCTION & MAINTENANCE STAFF	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	775	—	—	—	775	724	746	768	791	734
O&M	**GAS SYSTEM STAFF & TECHNOLOGY**	**SubTotal GAS OPERATIONS TRAINING & DEVELOPMENT**				**Yes**			**4,957**	**—**	**—**	**—**	**4,957**	**7,224**	**7,441**	**7,664**	**7,893**	**7,224**
O&M	GAS SYSTEM STAFF & TECHNOLOGY	GAS SYSTEMS STAFF	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	558	—	—	—	558	186	192	198	204	186
O&M	**GAS SYSTEM STAFF & TECHNOLOGY**	**SubTotal GAS SYSTEMS STAFF**				**Yes**			**558**	**—**	**—**	**—**	**558**	**186**	**192**	**198**	**204**	**186**
O&M	GAS SYSTEM STAFF & TECHNOLOGY	GIS DATA ASSET INTEGRITY	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	519	—	—	—	519	676	696	717	739	676
O&M	**GAS SYSTEM STAFF & TECHNOLOGY**	**SubTotal GIS DATA ASSET INTEGRITY**				**Yes**			**519**	**—**	**—**	**—**	**519**	**676**	**696**	**717**	**739**	**676**
O&M	GAS SYSTEM STAFF & TECHNOLOGY	HIGH PRESSURE PROJECT RECORD CLOSEOUT	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	399	—	—	—	399	1,212	1,248	1,285	1,324	1,212
O&M	**GAS SYSTEM STAFF & TECHNOLOGY**	**SubTotal HIGH PRESSURE PROJECT RECORD CLOSEOUT**				**Yes**			**399**	**—**	**—**	**—**	**399**	**1,212**	**1,248**	**1,285**	**1,324**	**1,212**
O&M	GAS SYSTEM STAFF & TECHNOLOGY	LEAKAGE POLICY & TECHNOLOGIES	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	399	—	—	—	399	475	489	504	519	475
O&M	**GAS SYSTEM STAFF & TECHNOLOGY**	**SubTotal LEAKAGE POLICY & TECHNOLOGIES**				**Yes**			**399**	**—**	**—**	**—**	**399**	**475**	**489**	**504**	**519**	**475**
O&M	GAS SYSTEM STAFF & TECHNOLOGY	OPERATOR QUALIFICATION	Excavation Damage (Dig In) on the Gas System	Locate and Mark Operator Qualification (HP)	N/A	No	On-going	Annual	26	—	—	—	26	27	28	29	30	27

SoCalGas GAS SYSTEM STAFF & TECHNOLOGY O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date ($)
O&M	GAS SYSTEM STAFF & TECHNOLOGY	OPERATOR QUALIFICATION	Excavation Damage (Dig In) on the Gas System	Locate and Mark Operator Qualification (MP)	N/A	No	On-going	Annual	79	—	—	—	79	112	115	118	122	112
O&M	GAS SYSTEM STAFF & TECHNOLOGY	OPERATOR QUALIFICATION	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	2,521	—	—	—	2,521	3,193	3,289	3,388	3,489	3,193
O&M	**GAS SYSTEM STAFF & TECHNOLOGY**	**SubTotal OPERATOR QUALIFICATION**				**Yes**			**2,626**	**—**	**—**	**—**	**2,626**	**3,332**	**3,432**	**3,535**	**3,641**	**3,332**
O&M	GAS SYSTEM STAFF & TECHNOLOGY	POLICY QA/QC & EFFECTIVENESS	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	567	—	—	—	567	895	922	950	979	895
O&M	**GAS SYSTEM STAFF & TECHNOLOGY**	**SubTotal POLICY QA/QC & EFFECTIVENESS**				**Yes**			**567**	**—**	**—**	**—**	**567**	**895**	**922**	**950**	**979**	**895**
O&M	GAS SYSTEM STAFF & TECHNOLOGY	SHARED PUBLIC AWARENESS ACTIVITIES	Excavation Damage (Dig In) on the Gas System	Outreach for Latent 3rd Party Damages (HP)	N/A	No	On-going	Annual	1	—	—	—	1	6	6	6	6	6
O&M	GAS SYSTEM STAFF & TECHNOLOGY	SHARED PUBLIC AWARENESS ACTIVITIES	Excavation Damage (Dig In) on the Gas System	Outreach for Latent 3rd Party Damages (MP)	N/A	No	On-going	Annual	5	—	—	—	5	22	23	24	25	22
O&M	GAS SYSTEM STAFF & TECHNOLOGY	SHARED PUBLIC AWARENESS ACTIVITIES	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	123	—	—	—	123	577	594	612	630	577
O&M	**GAS SYSTEM STAFF & TECHNOLOGY**	**SubTotal SHARED PUBLIC AWARENESS ACTIVITIES**				**Yes**			**130**	**—**	**—**	**—**	**130**	**605**	**623**	**642**	**661**	**605**

SoCalGas GAS SYSTEM STAFF & TECHNOLOGY O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference ($)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
O&M	GAS SYSTEM STAFF & TECHNOLOGY	GAS SYSTEM STAFF & TECHNOLOGY				Yes	(9,236)	(27,034)	(27,845)	(28,681)	(9,236)	-35%	-100%	-100%	-100%	-35%
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION	Excavation Damage (Dig In) on the Gas System	Public Awareness (HP) (T1 - T4)	Excavators (HP)	No	(18)	(74)	(76)	(78)	(18)	-25%	-100%	-100%	-100%	-25%
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION	Excavation Damage (Dig In) on the Gas System	Public Awareness (HP) (T1 - T4)	The Affected Public (HP)	No	(13)	(75)	(77)	(79)	(13)	-18%	-100%	-100%	-100%	-18%
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION	Excavation Damage (Dig In) on the Gas System	Public Awareness (MP) (T1 - T4)	Emergency Officials (MP)	No	(2)	(2)	(2)	(2)	(2)	-100%	-100%	-100%	-100%	-100%
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION	Excavation Damage (Dig In) on the Gas System	Public Awareness (MP) (T1 - T4)	Excavators (MP)	No	(60)	(310)	(319)	(329)	(60)	-20%	-100%	-100%	-100%	-20%
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION	Excavation Damage (Dig In) on the Gas System	Public Awareness (MP) (T1 - T4)	Local Public Officials (MP)	No	(1)	(1)	(1)	(1)	(1)	-100%	-100%	-100%	-100%	-100%
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION	Excavation Damage (Dig In) on the Gas System	Public Awareness (MP) (T1 - T4)	The Affected Public (MP)	No	(62)	(319)	(329)	(339)	(62)	-20%	-100%	-100%	-100%	-20%
O&M	**GAS SYSTEM STAFF & TECHNOLOGY**	**SubTotal DAMAGE PREVENTION**				**Yes**	**(156)**	**(781)**	**(804)**	**(828)**	**(156)**	**-21%**	**-100%**	**-100%**	**-100%**	**-21%**
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION PROGRAM MANAGEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	(324)	(334)	(344)	(354)	(324)	-100%	-100%	-100%	-100%	-100%
O&M	**GAS SYSTEM STAFF & TECHNOLOGY**	**SubTotal DAMAGE PREVENTION PROGRAM MANAGEMENT**				**Yes**	**(324)**	**(334)**	**(344)**	**(354)**	**(324)**	**-100%**	**-100%**	**-100%**	**-100%**	**-100%**
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION STRATEGIES	Non-RAMP	Non-RAMP	Non-RAMP	No	(598)	(616)	(634)	(653)	(598)	-100%	-100%	-100%	-100%	-100%
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION STRATEGIES	Excavation Damage (Dig In) on the Gas System	Automate Third Party Excavation Incident Reporting (HP)	N/A	No	6	(22)	(23)	(24)	6	29%	-100%	-100%	-100%	29%
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION STRATEGIES	Excavation Damage (Dig In) on the Gas System	Automate Third Party Excavation Incident Reporting (MP)	N/A	No	15	(97)	(100)	(103)	15	16%	-100%	-100%	-100%	16%
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION STRATEGIES	Excavation Damage (Dig In) on the Gas System	Damage Prevention Analysts (HP)	N/A	No	(271)	(345)	(355)	(366)	(271)	-81%	-100%	-100%	-100%	-81%
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION STRATEGIES	Excavation Damage (Dig In) on the Gas System	Damage Prevention Analysts (MP)	N/A	No	(218)	(1,383)	(1,425)	(1,467)	(218)	-16%	-100%	-100%	-100%	-16%
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION STRATEGIES	Excavation Damage (Dig In) on the Gas System	Damage Prevention Policy Activities (MP)	N/A	No	(1)	(1)	(1)	(1)	(1)	-100%	-100%	-100%	-100%	-100%
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION STRATEGIES	Excavation Damage (Dig In) on the Gas System	Gold Shovel Standard Program (HP)	N/A	No	(1)	(1)	(1)	(1)	(1)	-100%	-100%	-100%	-100%	-100%

SoCalGas GAS SYSTEM STAFF & TECHNOLOGY O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference ($)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION STRATEGIES	Excavation Damage (Dig In) on the Gas System	Gold Shovel Standard Program (MP)	N/A	No	(2)	(2)	(2)	(2)	(2)	-100%	-100%	-100%	-100%	-100%
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION STRATEGIES	Excavation Damage (Dig In) on the Gas System	Locate and Mark Activities (HP)	N/A	No	(200)	(283)	(291)	(300)	(200)	-73%	-100%	-100%	-100%	-73%
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION STRATEGIES	Excavation Damage (Dig In) on the Gas System	Locate and Mark Activities (MP)	N/A	No	155	(1,199)	(1,235)	(1,272)	155	13%	-100%	-100%	-100%	13%
O&M	**GAS SYSTEM STAFF & TECHNOLOGY**	**SubTotal DAMAGE PREVENTION STRATEGIES**				**Yes**	**(1,116)**	**(3,949)**	**(4,067)**	**(4,189)**	**(1,116)**	**-29%**	**-100%**	**-100%**	**-100%**	**-29%**
O&M	GAS SYSTEM STAFF & TECHNOLOGY	ENTERPRISE ASSET MANAGEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	(1,875)	(4,464)	(4,599)	(4,737)	(1,875)	-43%	-100%	-100%	-100%	-43%
O&M	GAS SYSTEM STAFF & TECHNOLOGY	ENTERPRISE ASSET MANAGEMENT	Asset and Records Management	Asset and Records Management	N/A	No	(733)	(928)	(956)	(985)	(733)	-81%	-100%	-100%	-100%	-81%
O&M	GAS SYSTEM STAFF & TECHNOLOGY	ENTERPRISE ASSET MANAGEMENT	Asset and Records Management	Operational Compliance and Oversight	N/A	No	(258)	(276)	(284)	(293)	(258)	-96%	-100%	-100%	-100%	-96%
O&M	**GAS SYSTEM STAFF & TECHNOLOGY**	**SubTotal ENTERPRISE ASSET MANAGEMENT**				**Yes**	**(2,866)**	**(5,668)**	**(5,839)**	**(6,015)**	**(2,866)**	**-52%**	**-100%**	**-100%**	**-100%**	**-52%**
O&M	GAS SYSTEM STAFF & TECHNOLOGY	FIELD TECHNOLOGIES	Non-RAMP	Non-RAMP	Non-RAMP	No	(374)	(513)	(528)	(544)	(374)	-75%	-100%	-100%	-100%	-75%
O&M	**GAS SYSTEM STAFF & TECHNOLOGY**	**SubTotal FIELD TECHNOLOGIES**				**Yes**	**(374)**	**(513)**	**(528)**	**(544)**	**(374)**	**-75%**	**-100%**	**-100%**	**-100%**	**-75%**
O&M	GAS SYSTEM STAFF & TECHNOLOGY	GAS OPERATIONS CONSTRUCTION & MAINTENANCE STAFF	Non-RAMP	Non-RAMP	Non-RAMP	No	51	(746)	(768)	(791)	51	7%	-100%	-100%	-100%	7%
O&M	**GAS SYSTEM STAFF & TECHNOLOGY**	**SubTotal GAS OPERATIONS TRAINING & DEVELOPMENT**				**Yes**	**(2,267)**	**(7,441)**	**(7,664)**	**(7,893)**	**(2,267)**	**-31%**	**-100%**	**-100%**	**-100%**	**-31%**
O&M	GAS SYSTEM STAFF & TECHNOLOGY	GAS SYSTEMS STAFF	Non-RAMP	Non-RAMP	Non-RAMP	No	372	(192)	(198)	(204)	372	200%	-100%	-100%	-100%	200%
O&M	**GAS SYSTEM STAFF & TECHNOLOGY**	**SubTotal GAS SYSTEMS STAFF**				**Yes**	**372**	**(192)**	**(198)**	**(204)**	**372**	**200%**	**-100%**	**-100%**	**-100%**	**200%**
O&M	GAS SYSTEM STAFF & TECHNOLOGY	GIS DATA ASSET INTEGRITY	Non-RAMP	Non-RAMP	Non-RAMP	No	(157)	(696)	(717)	(739)	(157)	-23%	-100%	-100%	-100%	-23%
O&M	**GAS SYSTEM STAFF & TECHNOLOGY**	**SubTotal GIS DATA ASSET INTEGRITY**				**Yes**	**(157)**	**(696)**	**(717)**	**(739)**	**(157)**	**-23%**	**-100%**	**-100%**	**-100%**	**-23%**
O&M	GAS SYSTEM STAFF & TECHNOLOGY	HIGH PRESSURE PROJECT RECORD CLOSEOUT	Non-RAMP	Non-RAMP	Non-RAMP	No	(813)	(1,248)	(1,285)	(1,324)	(813)	-67%	-100%	-100%	-100%	-67%
O&M	**GAS SYSTEM STAFF & TECHNOLOGY**	**SubTotal HIGH PRESSURE PROJECT RECORD CLOSEOUT**				**Yes**	**(813)**	**(1,248)**	**(1,285)**	**(1,324)**	**(813)**	**-67%**	**-100%**	**-100%**	**-100%**	**-67%**
O&M	GAS SYSTEM STAFF & TECHNOLOGY	LEAKAGE POLICY & TECHNOLOGIES	Non-RAMP	Non-RAMP	Non-RAMP	No	(76)	(489)	(504)	(519)	(76)	-16%	-100%	-100%	-100%	-16%
O&M	**GAS SYSTEM STAFF & TECHNOLOGY**	**SubTotal LEAKAGE POLICY & TECHNOLOGIES**				**Yes**	**(76)**	**(489)**	**(504)**	**(519)**	**(76)**	**-16%**	**-100%**	**-100%**	**-100%**	**-16%**
O&M	GAS SYSTEM STAFF & TECHNOLOGY	OPERATOR QUALIFICATION	Excavation Damage (Dig In) on the Gas System	Locate and Mark Operator Qualification (HP)	N/A	No	(1)	(28)	(29)	(30)	(1)	-3%	-100%	-100%	-100%	-3%

SoCalGas GAS SYSTEM STAFF & TECHNOLOGY O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference ($)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
O&M	GAS SYSTEM STAFF & TECHNOLOGY	OPERATOR QUALIFICATION	Excavation Damage (Dig In) on the Gas System	Locate and Mark Operator Qualification (MP)	N/A	No	(33)	(115)	(118)	(122)	(33)	-30%	-100%	-100%	-100%	-30%
O&M	GAS SYSTEM STAFF & TECHNOLOGY	OPERATOR QUALIFICATION	Non-RAMP	Non-RAMP	Non-RAMP	No	(672)	(3,280)	(3,388)	(3,489)	(672)	-21%	-100%	-100%	-100%	-21%
O&M	**GAS SYSTEM STAFF & TECHNOLOGY**	**SubTotal OPERATOR QUALIFICATION**				**Yes**	**(706)**	**(3,432)**	**(3,535)**	**(3,641)**	**(706)**	**-21%**	**-100%**	**-100%**	**-100%**	**-21%**
O&M	GAS SYSTEM STAFF & TECHNOLOGY	POLICY QA/QC & EFFECTIVENESS	Non-RAMP	Non-RAMP	Non-RAMP	No	(328)	(922)	(950)	(979)	(328)	-37%	-100%	-100%	-100%	-37%
O&M	**GAS SYSTEM STAFF & TECHNOLOGY**	**SubTotal POLICY QA/QC & EFFECTIVENESS**				**Yes**	**(328)**	**(922)**	**(950)**	**(979)**	**(328)**	**-37%**	**-100%**	**-100%**	**-100%**	**-37%**
O&M	GAS SYSTEM STAFF & TECHNOLOGY	SHARED PUBLIC AWARENESS ACTIVITIES	Excavation Damage (Dig In) on the Gas System	Outreach for Latent 3rd Party Damages (HP)	N/A	No	(5)	(6)	(6)	(6)	(5)	-78%	-100%	-100%	-100%	-78%
O&M	GAS SYSTEM STAFF & TECHNOLOGY	SHARED PUBLIC AWARENESS ACTIVITIES	Excavation Damage (Dig In) on the Gas System	Outreach for Latent 3rd Party Damages (MP)	N/A	No	(17)	(23)	(24)	(25)	(17)	-76%	-100%	-100%	-100%	-76%
O&M	GAS SYSTEM STAFF & TECHNOLOGY	SHARED PUBLIC AWARENESS ACTIVITIES	Non-RAMP	Non-RAMP	Non-RAMP	No	(454)	(594)	(612)	(630)	(454)	-79%	-100%	-100%	-100%	-79%
O&M	**GAS SYSTEM STAFF & TECHNOLOGY**	**SubTotal SHARED PUBLIC AWARENESS ACTIVITIES**				**Yes**	**(475)**	**(623)**	**(642)**	**(661)**	**(475)**	**-79%**	**-100%**	**-100%**	**-100%**	**-79%**

SoCalGas GAS SYSTEM STAFF & TECHNOLOGY O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
O&M	GAS SYSTEM STAFF & TECHNOLOGY	GAS SYSTEM STAFF & TECHNOLOGY				Yes																					
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION	Excavation Damage (Dig In) on the Gas System	Public Awareness (HP) (T1 - T4)	Excavators (HP)	No	Communications sent	66,625				66,625	64,982				64,982	1,643	0	0	0	1,643	3 %	0 %	0 %	0 %	3 %
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION	Excavation Damage (Dig In) on the Gas System	Public Awareness (HP) (T1 - T4)	The Affected Public (HP)	No	Communications sent	1,451,739				1,451,739	1,421,811				1,421,811	29,928	0	0	0	29,928	2 %	0 %	0 %	0 %	2 %
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION	Excavation Damage (Dig In) on the Gas System	Public Awareness (MP) (T1 - T4)	Emergency Officials (MP)	No	Communications sent	2,058				2,058	1,942				1,942	116	0	0	0	116	6 %	0 %	0 %	0 %	6 %
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION	Excavation Damage (Dig In) on the Gas System	Public Awareness (MP) (T1 - T4)	Excavators (MP)	No	Communications sent	277,605				277,605	272,124				272,124	5,481	0	0	0	5,481	2 %	0 %	0 %	0 %	2 %
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION	Excavation Damage (Dig In) on the Gas System	Public Awareness (MP) (T1 - T4)	Local Public Officials (MP)	No	Communications sent	2,058				2,058	2,470				2,470	(412)	0	0	0	(412)	(17)%	0 %	0 %	0 %	(17)%
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION	Excavation Damage (Dig In) on the Gas System	Public Awareness (MP) (T1 - T4)	The Affected Public (MP)	No	Communications sent	6,048,913				6,048,913	5,954,097				5,954,097	94,816	0	0	0	94,816	2 %	0 %	0 %	0 %	2 %
O&M	GAS SYSTEM STAFF & TECHNOLOGY	SubTotal DAMAGE PREVENTION				Yes																					
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION PROGRAM MANAGEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	USA tickets	1,032,221				1,032,221	1,314,256				1,314,256	(282,035)	0	0	0	(282,035)	(21)%	0 %	0 %	0 %	(21)%
O&M	GAS SYSTEM STAFF & TECHNOLOGY	SubTotal DAMAGE PREVENTION PROGRAM MANAGEMENT				Yes																					
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION STRATEGIES	Non-RAMP	Non-RAMP	Non-RAMP	No	USA tickets	1,032,221				1,032,221	1,314,256				1,314,256	(282,035)	0	0	0	(282,035)	(21)%	0 %	0 %	0 %	(21)%
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION STRATEGIES	Excavation Damage (Dig In) on the Gas System	Automate Third Party Excavation Incident Reporting (HP)	N/A	No	FTE	0				0	0				0	0	0	0	0	—	0 %	0 %	0 %	0 %	0 %
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION STRATEGIES	Excavation Damage (Dig In) on the Gas System	Automate Third Party Excavation Incident Reporting (MP)	N/A	No	FTE	1				1	1				1	0	0	0	0	—	0 %	0 %	0 %	0 %	0 %
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION STRATEGIES	Excavation Damage (Dig In) on the Gas System	Damage Prevention Analysts (HP)	N/A	No	FTE	3				3	3				3	0	0	0	0	—	0 %	0 %	0 %	0 %	0 %
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION STRATEGIES	Excavation Damage (Dig In) on the Gas System	Damage Prevention Analysts (MP)	N/A	No	FTE	12				12	13				13	(1)	0	0	0	(1)	(8)%	0 %	0 %	0 %	(8)%
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION STRATEGIES	Excavation Damage (Dig In) on the Gas System	Damage Prevention Policy Activities (MP)	N/A	No	FTE	1				1	1				1	0	0	0	0	—	0 %	0 %	0 %	0 %	0 %
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION STRATEGIES	Excavation Damage (Dig In) on the Gas System	Gold Shovel Standard Program (HP)	N/A	No	Membership	—				—	1				1	(1)	0	0	0	(1)	(100)%	0 %	0 %	0 %	(100)%

SoCalGas GAS SYSTEM STAFF & TECHNOLOGY O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION STRATEGIES	Excavation Damage (Dig In) on the Gas System	Gold Shovel Standard Program (MP)	N/A	No	Membership	—				—	1				1	(1)	0	0	0	(1)	(100)%	0 %	0 %	0 %	(100)%
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION STRATEGIES	Excavation Damage (Dig In) on the Gas System	Locate and Mark Activities (HP)	N/A	No	USA tickets	159,106				159,106	232,813				232,813	(73,707)	0	0	0	(73,707)	(32)%	0 %	0 %	0 %	(32)%
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION STRATEGIES	Excavation Damage (Dig In) on the Gas System	Locate and Mark Activities (MP)	N/A	No	USA tickets	909,200				909,200	997,944				997,944	(88,744)	0	0	0	(88,744)	(9)%	0 %	0 %	0 %	(9)%
O&M	**GAS SYSTEM STAFF & TECHNOLOGY**	**SubTotal DAMAGE PREVENTION STRATEGIES**				**Yes**																					
O&M	GAS SYSTEM STAFF & TECHNOLOGY	ENTERPRISE ASSET MANAGEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	This workpaper is comprised of a large variety of costs types, such as labor, contractors, consultants, software license fees, supplies, training, etc. As a result, it is infeasible to provide a single unit of measure for this workpaper.																				
O&M	GAS SYSTEM STAFF & TECHNOLOGY	ENTERPRISE ASSET MANAGEMENT	Asset and Records Management	Asset and Records Management	N/A	No	This workpaper is comprised of a large variety of costs types, such as labor, contractors, consultants, software license fees, supplies, training, etc. As a result, it is infeasible to provide a single unit of measure for this workpaper.																				
O&M	GAS SYSTEM STAFF & TECHNOLOGY	ENTERPRISE ASSET MANAGEMENT	Asset and Records Management	Operational Compliance and Oversight	N/A	No	This workpaper is comprised of a large variety of costs types, such as labor, contractors, consultants, software license fees, supplies, training, etc. As a result, it is infeasible to provide a single unit of measure for this workpaper.																				
O&M	**GAS SYSTEM STAFF & TECHNOLOGY**	**SubTotal ENTERPRISE ASSET MANAGEMENT**				**Yes**																					
O&M	GAS SYSTEM STAFF & TECHNOLOGY	FIELD TECHNOLOGIES	Non-RAMP	Non-RAMP	Non-RAMP	No	Projects completed	12				12	12				12	0	0	0	0	—	0 %	0 %	0 %	0 %	0 %
O&M	**GAS SYSTEM STAFF & TECHNOLOGY**	**SubTotal FIELD TECHNOLOGIES**				**Yes**																					
O&M	GAS SYSTEM STAFF & TECHNOLOGY	GAS OPERATIONS CONSTRUCTION & MAINTENANCE STAFF	Non-RAMP	Non-RAMP	Non-RAMP	No	Policy reviews completed	40				40	40				40	0	0	0	0	—	0 %	0 %	0 %	0 %	0 %
O&M	**GAS SYSTEM STAFF & TECHNOLOGY**	**SubTotal GAS OPERATIONS TRAINING & DEVELOPMENT**				**Yes**																					
O&M	GAS SYSTEM STAFF & TECHNOLOGY	GAS SYSTEMS STAFF	Non-RAMP	Non-RAMP	Non-RAMP	No	FTE	1				1	1				1	0	0	0	0	—	0 %	0 %	0 %	0 %	0 %
O&M	**GAS SYSTEM STAFF & TECHNOLOGY**	**SubTotal GAS SYSTEMS STAFF**				**Yes**																					
O&M	GAS SYSTEM STAFF & TECHNOLOGY	GIS DATA ASSET INTEGRITY	Non-RAMP	Non-RAMP	Non-RAMP	No	Projects posted to Geographic Information Systems (GIS)	1,979				1,979	2,006				2,006	(27)	0	0	0	(27)	(1)%	0 %	0 %	0 %	(1)%
O&M	**GAS SYSTEM STAFF & TECHNOLOGY**	**SubTotal GIS DATA ASSET INTEGRITY**				**Yes**																					
O&M	GAS SYSTEM STAFF & TECHNOLOGY	HIGH PRESSURE PROJECT RECORD CLOSEOUT	Non-RAMP	Non-RAMP	Non-RAMP	No	Projects posted to High Pressure Project Record Closeout (HPPD)	1,979				1,979	2,006				2,006	(27)	0	0	0	(27)	(1)%	0 %	0 %	0 %	(1)%
O&M	**GAS SYSTEM STAFF & TECHNOLOGY**	**SubTotal HIGH PRESSURE PROJECT RECORD CLOSEOUT**				**Yes**																					
O&M	GAS SYSTEM STAFF & TECHNOLOGY	LEAKAGE POLICY & TECHNOLOGIES	Non-RAMP	Non-RAMP	Non-RAMP	No	Policy reviews completed	12				12	12				12	0	0	0	0	—	0 %	0 %	0 %	0 %	0 %
O&M	**GAS SYSTEM STAFF & TECHNOLOGY**	**SubTotal LEAKAGE POLICY & TECHNOLOGIES**				**Yes**																					
O&M	GAS SYSTEM STAFF & TECHNOLOGY	OPERATOR QUALIFICATION	Excavation Damage (Dig In) on the Gas System	Locate and Mark Operator Qualification (HP)	N/A	No	Employees or contractors supported	—				—	—				—	0	0	0	0	—	0 %	0 %	0 %	0 %	0 %

SoCalGas GAS SYSTEM STAFF & TECHNOLOGY O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
O&M	GAS SYSTEM STAFF & TECHNOLOGY	OPERATOR QUALIFICATION	Excavation Damage (Dig In) on the Gas System	Locate and Mark Operator Qualification (MP)	N/A	No	Employees or contractors supported	1				1	1				1	0	0	0	0	—	0 %	0 %	0 %	0 %	0 %
O&M	GAS SYSTEM STAFF & TECHNOLOGY	OPERATOR QUALIFICATION	Non-RAMP	Non-RAMP	Non-RAMP	No	Operator qualification evaluations	6,780				6,780	6,189				6,189	591	0	0	0	591	10 %	0 %	0 %	0 %	10 %
O&M	**GAS SYSTEM STAFF & TECHNOLOGY**	**SubTotal OPERATOR QUALIFICATION**				**Yes**																					
O&M	GAS SYSTEM STAFF & TECHNOLOGY	POLICY QA/QC & EFFECTIVENESS	Non-RAMP	Non-RAMP	Non-RAMP	No	Observations completed	125				125	135				135	(10)	0	0	0	(10)	(7)%	0 %	0 %	0 %	(7)%
O&M	**GAS SYSTEM STAFF & TECHNOLOGY**	**SubTotal POLICY QA/QC & EFFECTIVENESS**				**Yes**																					
O&M	GAS SYSTEM STAFF & TECHNOLOGY	SHARED PUBLIC AWARENESS ACTIVITIES	Excavation Damage (Dig In) on the Gas System	Outreach for Latent 3rd Party Damages (HP)	N/A	No	FTE	0				0	0				0	0	0	0	0	—	0 %	0 %	0 %	0 %	0 %
O&M	GAS SYSTEM STAFF & TECHNOLOGY	SHARED PUBLIC AWARENESS ACTIVITIES	Excavation Damage (Dig In) on the Gas System	Outreach for Latent 3rd Party Damages (MP)	N/A	No	FTE	0				0	0				0	0	0	0	0	—	0 %	0 %	0 %	0 %	0 %
O&M	GAS SYSTEM STAFF & TECHNOLOGY	SHARED PUBLIC AWARENESS ACTIVITIES	Non-RAMP	Non-RAMP	Non-RAMP	No	FTE	2				2	6				6	(4)	0	0	0	(4)	(67)%	0 %	0 %	0 %	(67)%
O&M	**GAS SYSTEM STAFF & TECHNOLOGY**	**SubTotal SHARED PUBLIC AWARENESS ACTIVITIES**				**Yes**																					

SoCalGas GAS SYSTEM STAFF & TECHNOLOGY O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Safety, Reliability, or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status	Status Variance Explanation Required?
O&M	GAS SYSTEM STAFF & TECHNOLOGY	GAS SYSTEM STAFF & TECHNOLOGY				Yes										
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION	Excavation Damage (Dig In) on the Gas System	Public Awareness (HP) (T1 - T4)	Excavators (HP)	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION	Excavation Damage (Dig In) on the Gas System	Public Awareness (HP) (T1 - T4)	The Affected Public (HP)	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION	Excavation Damage (Dig In) on the Gas System	Public Awareness (MP) (T1 - T4)	Emergency Officials (MP)	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	YES
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION	Excavation Damage (Dig In) on the Gas System	Public Awareness (MP) (T1 - T4)	Excavators (MP)	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION	Excavation Damage (Dig In) on the Gas System	Public Awareness (MP) (T1 - T4)	Local Public Officials (MP)	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	YES
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION	Excavation Damage (Dig In) on the Gas System	Public Awareness (MP) (T1 - T4)	The Affected Public (MP)	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**GAS SYSTEM STAFF & TECHNOLOGY**	**SubTotal DAMAGE PREVENTION**				**Yes**	**YES**	**NO**								**NO**
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION PROGRAM MANAGEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	YES	N/A	The dollars and units associated with the Damage Prevention Program Management position previously titled Continuous Improvement Manager for Gas Systems Staff & Technology are now included in the costs for Gas Operations Construction & Maintenance Staff (Wkp 2200-2345.000 CC# 2200-2345).	On Target (T)	On Target (T)	On Target (T)	Other	YES
O&M	**GAS SYSTEM STAFF & TECHNOLOGY**	**SubTotal DAMAGE PREVENTION PROGRAM MANAGEMENT**				**Yes**	**YES**	**NO**								**YES**
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION STRATEGIES	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	YES	N/A	USA ticket requests were lower than expected because fewer new business applications were processed. Additionally, delays in broadband infrastructure spending and reduced construction activity also contributed to the lower numbers.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	YES
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION STRATEGIES	Excavation Damage (Dig In) on the Gas System	Automate Third Party Excavation Incident Reporting (HP)	N/A	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION STRATEGIES	Excavation Damage (Dig In) on the Gas System	Automate Third Party Excavation Incident Reporting (MP)	N/A	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION STRATEGIES	Excavation Damage (Dig In) on the Gas System	Damage Prevention Analysts (HP)	N/A	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION STRATEGIES	Excavation Damage (Dig In) on the Gas System	Damage Prevention Analysts (MP)	N/A	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION STRATEGIES	Excavation Damage (Dig In) on the Gas System	Damage Prevention Policy Activities (MP)	N/A	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	YES
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION STRATEGIES	Excavation Damage (Dig In) on the Gas System	Gold Shovel Standard Program (HP)	N/A	No	YES	NO	YES	N/A	The Gold Shovel Company was sold in 2023 and was no longer in operation in 2024. Therefore, there were no membership costs in 2024.	Under (U)	Under (U)	Under (U)	Canceled	NO

SoCalGas GAS SYSTEM STAFF & TECHNOLOGY O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Safety, Reliability, or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status	Status Variance Explanation Required?
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION STRATEGIES	Excavation Damage (Dig In) on the Gas System	Gold Shovel Standard Program (MP)	N/A	No	YES	NO	YES	N/A	The Gold Shovel Company was sold in 2023 and was no longer in operation in 2024. Therefore, there were no membership costs in 2024.	Under (U)	Under (U)	Under (U)	Canceled	NO
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION STRATEGIES	Excavation Damage (Dig In) on the Gas System	Locate and Mark Activities (HP)	N/A	No	YES	NO	YES	N/A	USA ticket requests were lower than expected because fewer new business applications were processed. Additionally, delays in broadband infrastructure spending and reduced construction activity also contributed to the lower numbers.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION STRATEGIES	Excavation Damage (Dig In) on the Gas System	Locate and Mark Activities (MP)	N/A	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**GAS SYSTEM STAFF & TECHNOLOGY**	**SubTotal DAMAGE PREVENTION STRATEGIES**				**Yes**	**YES**	**YES**								**NO**
O&M	GAS SYSTEM STAFF & TECHNOLOGY	ENTERPRISE ASSET MANAGEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	YES	NO	All workpapers 2SI002.000, 2SI002.001, and 2SI002.003 are within target, except 2SI002.004, which has a variance due to continued implementation of the Data Foundation System and delays in the migration to the cloud infrastructure. Consequently, the transition of work from capital to O&M, originally planned for 2024, has been postponed to 2025 and beyond.	N/A	Under (U)	Under (U)	Under (U)	Other	NO
O&M	GAS SYSTEM STAFF & TECHNOLOGY	ENTERPRISE ASSET MANAGEMENT	Asset and Records Management	Asset and Records Management	N/A	No	YES	NO	NO	N/A	N/A	Under (U)	Under (U)	Under (U)	Other	NO
O&M	GAS SYSTEM STAFF & TECHNOLOGY	ENTERPRISE ASSET MANAGEMENT	Asset and Records Management	Operational Compliance and Oversight	N/A	No	YES	NO	NO	N/A	N/A	Under (U)	Under (U)	Under (U)	Other	YES
O&M	**GAS SYSTEM STAFF & TECHNOLOGY**	**SubTotal ENTERPRISE ASSET MANAGEMENT**				**Yes**	**YES**	**YES**								**NO**
O&M	GAS SYSTEM STAFF & TECHNOLOGY	FIELD TECHNOLOGIES	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**GAS SYSTEM STAFF & TECHNOLOGY**	**SubTotal FIELD TECHNOLOGIES**				**Yes**	**YES**	**NO**								**NO**
O&M	GAS SYSTEM STAFF & TECHNOLOGY	GAS OPERATIONS CONSTRUCTION & MAINTENANCE STAFF	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**GAS SYSTEM STAFF & TECHNOLOGY**	**SubTotal GAS OPERATIONS TRAINING & DEVELOPMENT**				**Yes**	**YES**	**YES**								**NO**
O&M	GAS SYSTEM STAFF & TECHNOLOGY	GAS SYSTEMS STAFF	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**GAS SYSTEM STAFF & TECHNOLOGY**	**SubTotal GAS SYSTEMS STAFF**				**Yes**	**YES**	**NO**								**NO**
O&M	GAS SYSTEM STAFF & TECHNOLOGY	GIS DATA ASSET INTEGRITY	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**GAS SYSTEM STAFF & TECHNOLOGY**	**SubTotal GIS DATA ASSET INTEGRITY**				**Yes**	**YES**	**NO**								**NO**
O&M	GAS SYSTEM STAFF & TECHNOLOGY	HIGH PRESSURE PROJECT RECORD CLOSEOUT	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**GAS SYSTEM STAFF & TECHNOLOGY**	**SubTotal HIGH PRESSURE PROJECT RECORD CLOSEOUT**				**Yes**	**YES**	**NO**								**NO**
O&M	GAS SYSTEM STAFF & TECHNOLOGY	LEAKAGE POLICY & TECHNOLOGIES	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**GAS SYSTEM STAFF & TECHNOLOGY**	**SubTotal LEAKAGE POLICY & TECHNOLOGIES**				**Yes**	**YES**	**NO**								**NO**
O&M	GAS SYSTEM STAFF & TECHNOLOGY	OPERATOR QUALIFICATION	Excavation Damage (Dig In) on the Gas System	Locate and Mark Operator Qualification (HP)	N/A	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO

SoCalGas GAS SYSTEM STAFF & TECHNOLOGY O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Safety, Reliability, or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status	Status Variance Explanation Required?
O&M	GAS SYSTEM STAFF & TECHNOLOGY	OPERATOR QUALIFICATION	Excavation Damage (Dig In) on the Gas System	Locate and Mark Operator Qualification (MP)	N/A	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	GAS SYSTEM STAFF & TECHNOLOGY	OPERATOR QUALIFICATION	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**GAS SYSTEM STAFF & TECHNOLOGY**	**SubTotal OPERATOR QUALIFICATION**				**Yes**	**YES**	**NO**								**NO**
O&M	GAS SYSTEM STAFF & TECHNOLOGY	POLICY QA/QC & EFFECTIVENESS	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**GAS SYSTEM STAFF & TECHNOLOGY**	**SubTotal POLICY QA/QC & EFFECTIVENESS**				**Yes**	**YES**	**NO**								**NO**
O&M	GAS SYSTEM STAFF & TECHNOLOGY	SHARED PUBLIC AWARENESS ACTIVITIES	Excavation Damage (Dig In) on the Gas System	Outreach for Latent 3rd Party Damages (HP)	N/A	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	GAS SYSTEM STAFF & TECHNOLOGY	SHARED PUBLIC AWARENESS ACTIVITIES	Excavation Damage (Dig In) on the Gas System	Outreach for Latent 3rd Party Damages (MP)	N/A	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	GAS SYSTEM STAFF & TECHNOLOGY	SHARED PUBLIC AWARENESS ACTIVITIES	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	YES	N/A	Variance is driven by lower than forecasted staffing levels due to delayed hiring.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**GAS SYSTEM STAFF & TECHNOLOGY**	**SubTotal SHARED PUBLIC AWARENESS ACTIVITIES**				**Yes**	**YES**	**NO**								**NO**

SoCalGas GAS SYSTEM STAFF & TECHNOLOGY O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Status Variance Explanation	WP Activity Description	2024 GRC Testimony Location
O&M	GAS SYSTEM STAFF & TECHNOLOGY	GAS SYSTEM STAFF & TECHNOLOGY				Yes			
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION	Excavation Damage (Dig In) on the Gas System	Public Awareness (HP) (T1 - T4)	Excavators (HP)	No	N/A		
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION	Excavation Damage (Dig In) on the Gas System	Public Awareness (HP) (T1 - T4)	The Affected Public (HP)	No	N/A		
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION	Excavation Damage (Dig In) on the Gas System	Public Awareness (MP) (T1 - T4)	Emergency Officials (MP)	No	All notifications and alerts are sent to emergency officials as required or requested. The frequency of communications varies among officials, depending on their awareness and understanding of the different programs within the damage prevention initiatives.		
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION	Excavation Damage (Dig In) on the Gas System	Public Awareness (MP) (T1 - T4)	Excavators (MP)	No	N/A		
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION	Excavation Damage (Dig In) on the Gas System	Public Awareness (MP) (T1 - T4)	Local Public Officials (MP)	No	All notifications and alerts are sent to emergency officials as required or requested. The frequency of communications varies among officials, depending on their awareness and understanding of the different programs within the damage prevention initiatives.		
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION	Excavation Damage (Dig In) on the Gas System	Public Awareness (MP) (T1 - T4)	The Affected Public (MP)	No	N/A		
O&M	**GAS SYSTEM STAFF & TECHNOLOGY**	**SubTotal DAMAGE PREVENTION**				**Yes**			
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION PROGRAM MANAGEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	The dollars and units associated with the Damage Prevention Program Management position previously titled Continuous Improvement Manager for Gas Systems Staff & Technology are now included in the costs for Gas Operations Construction & Maintenance Staff (Wkp 2200-2345.000 CCtr 2200-2345).	Damage Prevention Program Management provides strategic leadership and oversight of SoCalGas's and SDG&E's Damage Prevention and Public Awareness programs and leads improvement initiatives that enable the utilities to effectively continue to execute efforts that reduce excavation damage and their inherent risks. Damage Prevention Program Management focuses on developing and deploying strategic initiatives aimed at preventing excavation damage. Damage resulting from excavation activity is the greatest threat to SoCalGas and SDG&E's pipeline infrastructure with potential for catastrophic consequences to public safety. SoCalGas and SDG&E are dedicated to mitigating the risk and associated hazards of excavation damage through the expansion of its Damage Prevention program by employing additional resources to proactively identify specific threats to its pipelines. The damage prevention program is mandated by the Code of Federal Regulations 192.614, California Government Code 4216, and California Code of Regulations Title 19 Division 4.	SCG-05 WR-48 to WR-49 WP 2200-0975.000
O&M	**GAS SYSTEM STAFF & TECHNOLOGY**	**SubTotal DAMAGE PREVENTION PROGRAM MANAGEMENT**				**Yes**			
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION STRATEGIES	Non-RAMP	Non-RAMP	Non-RAMP	No	Costs have been consolidated into the Damage Prevention Analyst Activities Cost Center. The hiring of Damage Prevention Analysts has been postponed until 2026-2027	Damage Prevention Strategies manages the damage prevention program focusing on preventing excavation damages to SoCalGas's buried pipelines. Damages resulting from excavation activity are the greatest threat to SoCalGas's pipeline infrastructure with potential for catastrophic consequences to public safety. SoCalGas is dedicated to mitigating the risk and associated hazards of excavation damage through the expansion of its Damage Prevention program by employing additional resources to proactively identify specific threats to its pipelines. The damage prevention program is mandated by the Code of Federal Regulations 192.614, California Government Code 4216, and California Code of Regulations Title 19 Division 4. The Damage Prevention Analyst Program works to reduce the number of third-party damages to gas facilities by identifying at risk excavating contractors and educating them on proper one-call and safe digging techniques. The benefit of the damage prevention analyst is threefold. First, it enables SoCalGas to stop a job before an incident occurs if no underground markings are present or the excavator is not practicing safe digging techniques. Second, it provides an opportunity to educate contractors on the requirements before digging or when digging around gas facilities before damage is done. This education has far-reaching benefits as the contractor will perform future projects, and the education can be applied to those future projects. Third, it creates a list of contractors who might be repeat offenders and/or prevalent site characteristics to improve prioritization of future construction site inspections.	SCG-05 WR-66 WP 2200-2623.000
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION STRATEGIES	Excavation Damage (Dig In) on the Gas System	Automate Third Party Excavation Incident Reporting (HP)	N/A	No	N/A		
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION STRATEGIES	Excavation Damage (Dig In) on the Gas System	Automate Third Party Excavation Incident Reporting (MP)	N/A	No	N/A		
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION STRATEGIES	Excavation Damage (Dig In) on the Gas System	Damage Prevention Analysts (HP)	N/A	No	N/A		
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION STRATEGIES	Excavation Damage (Dig In) on the Gas System	Damage Prevention Analysts (MP)	N/A	No	N/A		
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION STRATEGIES	Excavation Damage (Dig In) on the Gas System	Damage Prevention Policy Activities (MP)	N/A	No	Costs have been consolidated into the Damage Prevention Analyst Activities Cost Center.		
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION STRATEGIES	Excavation Damage (Dig In) on the Gas System	Gold Shovel Standard Program (HP)	N/A	No	N/A	Damage Prevention Strategies manages the damage prevention program focusing on preventing excavation damages to SoCalGas's buried pipelines. Damages resulting from excavation activity are the greatest threat to SoCalGas's pipeline infrastructure with potential for catastrophic consequences to public safety. SoCalGas is dedicated to mitigating the risk and associated hazards of excavation damage through the expansion of its Damage Prevention program by employing additional resources to proactively identify specific threats to its pipelines. The damage prevention program is mandated by the Code of Federal Regulations 192.614, California Government Code 4216, and California Code of Regulations Title 19 Division 4. The Damage Prevention Analyst Program works to reduce the number of third-party damages to gas facilities by identifying at risk excavating contractors and educating them on proper one-call and safe digging techniques. The benefit of the damage prevention analyst is threefold. First, it enables SoCalGas to stop a job before an incident occurs if no underground markings are present or the excavator is not practicing safe digging techniques. Second, it provides an opportunity to educate contractors on the requirements before digging or when digging around gas facilities before damage is done. This education has far-reaching benefits as the contractor will perform future projects, and the education can be applied to those future projects. Third, it creates a list of contractors who might be repeat offenders and/or prevalent site characteristics to improve prioritization of future construction site inspections.	SCG-05 WR-60 to WR-68 WP 2200-2623.000

SoCalGas GAS SYSTEM STAFF & TECHNOLOGY O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Status Variance Explanation	WP Activity Description	2024 GRC Testimony Location
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION STRATEGIES	Excavation Damage (Dig In) on the Gas System	Gold Shovel Standard Program (MP)	N/A	No	N/A	Damage Prevention Strategies manages the damage prevention program focusing on preventing excavation damages to SoCalGas's buried pipelines. Damages resulting from excavation activity are the greatest threat to SoCalGas's pipeline infrastructure with potential for catastrophic consequences to public safety. SoCalGas is dedicated to mitigating the risk and associated hazards of excavation damage through the expansion of its Damage Prevention program by employing additional resources to proactively identify specific threats to its pipelines. The damage prevention program is mandated by the Code of Federal Regulations 192.614, California Government Code 4216, and California Code of Regulations Title 19 Division 4. The Damage Prevention Analyst Program works to reduce the number of third-party damages to gas facilities by identifying at risk excavating contractors and educating them on proper one-call and safe digging techniques. The benefit of the damage prevention analyst is threefold. First, it enables SoCalGas to stop a job before an incident occurs if no underground markings are present or the excavator is not practicing safe digging techniques. Second, it provides an opportunity to educate contractors on the requirements before digging or when digging around gas facilities before damage is done. This education has far-reaching benefits as the contractor will perform future projects, and the education can be applied to those future projects. Third, it creates a list of contractors who might be repeat offenders and/or prevalent site characteristics to improve prioritization of future construction site inspections.	SCG-05 WR-60 to WR-68 WP 2200-2623.000
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION STRATEGIES	Excavation Damage (Dig In) on the Gas System	Locate and Mark Activities (HP)	N/A	No	N/A	Damage Prevention Strategies manages the damage prevention program focusing on preventing excavation damages to SoCalGas's buried pipelines. Damages resulting from excavation activity are the greatest threat to SoCalGas's pipeline infrastructure with potential for catastrophic consequences to public safety. SoCalGas is dedicated to mitigating the risk and associated hazards of excavation damage through the expansion of its Damage Prevention program by employing additional resources to proactively identify specific threats to its pipelines. The damage prevention program is mandated by the Code of Federal Regulations 192.614, California Government Code 4216, and California Code of Regulations Title 19 Division 4. The Damage Prevention Analyst Program works to reduce the number of third-party damages to gas facilities by identifying at risk excavating contractors and educating them on proper one-call and safe digging techniques. The benefit of the damage prevention analyst is threefold. First, it enables SoCalGas to stop a job before an incident occurs if no underground markings are present or the excavator is not practicing safe digging techniques. Second, it provides an opportunity to educate contractors on the requirements before digging or when digging around gas facilities before damage is done. This education has far-reaching benefits as the contractor will perform future projects, and the education can be applied to those future projects. Third, it creates a list of contractors who might be repeat offenders and/or prevalent site characteristics to improve prioritization of future construction site inspections.	SCG-05 WR-60 to WR-68 WP 2200-2623.000
O&M	GAS SYSTEM STAFF & TECHNOLOGY	DAMAGE PREVENTION STRATEGIES	Excavation Damage (Dig In) on the Gas System	Locate and Mark Activities (MP)	N/A	No	N/A		
O&M	**GAS SYSTEM STAFF & TECHNOLOGY**	**SubTotal DAMAGE PREVENTION STRATEGIES**				**Yes**			
O&M	GAS SYSTEM STAFF & TECHNOLOGY	ENTERPRISE ASSET MANAGEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A	Enterprise Asset Management (EAM) at SoCalGas is integrated with our adoption of the International Standards Organization (ISO) 55000 standard as a guide and is a core component of our Safety Management Systems (SMS) program, aligned with the American Petroleum Institute (API) 1173 recommended practice for pipeline safety. The alignment with international, national, and industry standards promotes continued adherence to leading practices and continuous improvement across SoCalGas's asset and safety initiatives. By adopting the ISO 55000 as a guide, EAM will enable SoCalGas to proactively mitigate asset-related risks by managing asset health and lifecycles in a strategic, data-driven method. No units are available for this cost center as it comprises a large variety of costs types, such as labor, contractors, consultants, software license fees, supplies, training, etc. As a result, units cannot be calculated.	SCG-05 WR-19 to WR-23 WP 2SI002.002
O&M	GAS SYSTEM STAFF & TECHNOLOGY	ENTERPRISE ASSET MANAGEMENT	Asset and Records Management	Asset and Records Management	N/A	No	N/A		
O&M	GAS SYSTEM STAFF & TECHNOLOGY	ENTERPRISE ASSET MANAGEMENT	Asset and Records Management	Operational Compliance and Oversight	N/A	No	This line item is delayed due to longer time expected to migrate to the cloud infrastructure, and therefore records management across operations is expected to be established in 2025 and beyond.		
O&M	**GAS SYSTEM STAFF & TECHNOLOGY**	**SubTotal ENTERPRISE ASSET MANAGEMENT**				**Yes**			
O&M	GAS SYSTEM STAFF & TECHNOLOGY	FIELD TECHNOLOGIES	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
O&M	**GAS SYSTEM STAFF & TECHNOLOGY**	**SubTotal FIELD TECHNOLOGIES**				**Yes**			
O&M	GAS SYSTEM STAFF & TECHNOLOGY	GAS OPERATIONS CONSTRUCTION & MAINTENANCE STAFF	Non-RAMP	Non-RAMP	Non-RAMP	No	The dollars and units associated workpaper 2200-0975.000 previously titled Continuous Improvement Manager for Gas Systems Staff & Technology are included in this workpaper.		
O&M	**GAS SYSTEM STAFF & TECHNOLOGY**	**SubTotal GAS OPERATIONS TRAINING & DEVELOPMENT**				**Yes**			
O&M	GAS SYSTEM STAFF & TECHNOLOGY	GAS SYSTEMS STAFF	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
O&M	**GAS SYSTEM STAFF & TECHNOLOGY**	**SubTotal GAS SYSTEMS STAFF**				**Yes**			
O&M	GAS SYSTEM STAFF & TECHNOLOGY	GIS DATA ASSET INTEGRITY	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
O&M	**GAS SYSTEM STAFF & TECHNOLOGY**	**SubTotal GIS DATA ASSET INTEGRITY**				**Yes**			
O&M	GAS SYSTEM STAFF & TECHNOLOGY	HIGH PRESSURE PROJECT RECORD CLOSEOUT	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
O&M	**GAS SYSTEM STAFF & TECHNOLOGY**	**SubTotal HIGH PRESSURE PROJECT RECORD CLOSEOUT**				**Yes**			
O&M	GAS SYSTEM STAFF & TECHNOLOGY	LEAKAGE POLICY & TECHNOLOGIES	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
O&M	**GAS SYSTEM STAFF & TECHNOLOGY**	**SubTotal LEAKAGE POLICY & TECHNOLOGIES**				**Yes**			
O&M	GAS SYSTEM STAFF & TECHNOLOGY	OPERATOR QUALIFICATION	Excavation Damage (Dig In) on the Gas System	Locate and Mark Operator Qualification (HP)	N/A	No	N/A		

SoCalGas GAS SYSTEM STAFF & TECHNOLOGY O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Status Variance Explanation	WP Activity Description	2024 GRC Testimony Location
O&M	GAS SYSTEM STAFF & TECHNOLOGY	OPERATOR QUALIFICATION	Excavation Damage (Dig In) on the Gas System	Locate and Mark Operator Qualification (MP)	N/A	No	N/A		
O&M	GAS SYSTEM STAFF & TECHNOLOGY	OPERATOR QUALIFICATION	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
O&M	**GAS SYSTEM STAFF & TECHNOLOGY**	**SubTotal OPERATOR QUALIFICATION**				**Yes**			
O&M	GAS SYSTEM STAFF & TECHNOLOGY	POLICY QA/QC & EFFECTIVENESS	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
O&M	**GAS SYSTEM STAFF & TECHNOLOGY**	**SubTotal POLICY QA/QC & EFFECTIVENESS**				**Yes**			
O&M	GAS SYSTEM STAFF & TECHNOLOGY	SHARED PUBLIC AWARENESS ACTIVITIES	Excavation Damage (Dig In) on the Gas System	Outreach for Latent 3rd Party Damages (HP)	N/A	No	N/A		
O&M	GAS SYSTEM STAFF & TECHNOLOGY	SHARED PUBLIC AWARENESS ACTIVITIES	Excavation Damage (Dig In) on the Gas System	Outreach for Latent 3rd Party Damages (MP)	N/A	No	N/A		
O&M	GAS SYSTEM STAFF & TECHNOLOGY	SHARED PUBLIC AWARENESS ACTIVITIES	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A	The activities associated with the shared service component of Public Awareness include the central management of both SoCalGas and SDG&E's Public Awareness plans. This co-operator approach offers some resource efficiencies by leveraging the knowledge to the benefit of both companies . The Public Awareness work group is focused on the mandates from 49 CFR 192.616, which requires the development and implementation of a public awareness program.	SCG-05 WR-58 to WR-61 WP 2200-2417.000
O&M	**GAS SYSTEM STAFF & TECHNOLOGY**	**SubTotal SHARED PUBLIC AWARENESS ACTIVITIES**				**Yes**			

SoCalGas GAS ENGINEERING O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date ($)
O&M	GAS ENGINEERING	GAS ENGINEERING				Yes			27,911	—	—	—	27,911	34,591	35,629	36,698	37,800	34,591
O&M	GAS ENGINEERING	AVIATION SERVICES, RD&D OPS, RD&D EMISSIONS, PLASTIC PIPING SYSTEMS	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	1,036	—	—	—	1,036	803	827	852	878	803
O&M	**GAS ENGINEERING**	**SubTotal AVIATION SERVICES, RD&D OPS, RD&D EMISSIONS, PLASTIC PIPING SYSTEMS**				**Yes**			**1,036**	—	—	—	**1,036**	**803**	**827**	**852**	**878**	**803**
O&M	GAS ENGINEERING	EAC, MATERIALS LAB, NDE, MATERIALS AND EQP, COMPRESSOR, ADMN, APPLIED TECH, MQM	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	6,840	—	—	—	6,840	7,753	7,986	8,226	8,473	7,753
O&M	**GAS ENGINEERING**	**SubTotal EAC, MATERIALS LAB, NDE, MATERIALS AND EQP, COMPRESSOR, ADMN, APPLIED TECH, MQM**				**Yes**			**6,840**	—	—	—	**6,840**	**7,753**	**7,986**	**8,226**	**8,473**	**7,753**
O&M	GAS ENGINEERING	ELECTRICAL, PROCESS, MECHANICAL ENGINEERING, INFO TECH, AND INSTRUMENT & CONTROL	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	972	—	—	—	972	2,689	2,770	2,853	2,939	2,689
O&M	**GAS ENGINEERING**	**SubTotal ELECTRICAL, PROCESS, MECHANICAL ENGINEERING, INFO TECH, AND INSTRUMENT & CONTROL**				**Yes**			**972**	—	—	—	**972**	**2,689**	**2,770**	**2,853**	**2,939**	**2,689**
O&M	GAS ENGINEERING	ENGINEERING ANALYSIS CENTER (CHEMICAL)	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	2,289	—	—	—	2,289	2,876	2,962	3,051	3,143	2,876
O&M	**GAS ENGINEERING**	**SubTotal ENGINEERING ANALYSIS CENTER (CHEMICAL)**				**Yes**			**2,289**	—	—	—	**2,289**	**2,876**	**2,962**	**3,051**	**3,143**	**2,876**
O&M	GAS ENGINEERING	GE DIRECTOR, GE/SI VICE PRESIDENT, AND HYDROGEN	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	2,224	—	—	—	2,224	2,109	2,172	2,237	2,304	2,109
O&M	**GAS ENGINEERING**	**SubTotal GE DIRECTOR, GE/SI VICE PRESIDENT, AND HYDROGEN**				**Yes**			**2,224**	—	—	—	**2,224**	**2,109**	**2,172**	**2,237**	**2,304**	**2,109**
O&M	GAS ENGINEERING	LROW/GIS	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	3,176	—	—	—	3,176	4,402	4,534	4,670	4,810	4,402
O&M	**GAS ENGINEERING**	**SubTotal LROW/GIS**				**Yes**			**3,176**	—	—	—	**3,176**	**4,402**	**4,534**	**4,670**	**4,810**	**4,402**
O&M	GAS ENGINEERING	MEASUREMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	936	—	—	—	936	1,564	1,611	1,659	1,709	1,564
O&M	**GAS ENGINEERING**	**SubTotal MEASUREMENT**				**Yes**			**936**	—	—	—	**936**	**1,564**	**1,611**	**1,659**	**1,709**	**1,564**
O&M	GAS ENGINEERING	MEASUREMENT AND REGULATION	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	1,998	—	—	—	1,998	2,555	2,632	2,711	2,792	2,555
O&M	**GAS ENGINEERING**	**SubTotal MEASUREMENT AND REGULATION**				**Yes**			**1,998**	—	—	—	**1,998**	**2,555**	**2,632**	**2,711**	**2,792**	**2,555**
O&M	GAS ENGINEERING	RESEARCH, PLASTICS, AND AVIATION	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	197	—	—	—	197	87	90	93	96	87
O&M	**GAS ENGINEERING**	**SubTotal RESEARCH, PLASTICS, AND AVIATION**				**Yes**			**197**	—	—	—	**197**	**87**	**90**	**93**	**96**	**87**
O&M	GAS ENGINEERING	METROLOGY	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	220	—	—	—	220	303	312	321	331	303
O&M	**GAS ENGINEERING**	**SubTotal METROLOGY**				**Yes**			**220**	—	—	—	**220**	**303**	**312**	**321**	**331**	**303**
O&M	GAS ENGINEERING	NGV, MEASUREMENT, INSTRUMENT SHOP	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	5,240	—	—	—	5,240	5,259	5,417	5,580	5,747	5,259
O&M	**GAS ENGINEERING**	**SubTotal NGV, MEASUREMENT, INSTRUMENT SHOP**				**Yes**			**5,240**	—	—	—	**5,240**	**5,259**	**5,417**	**5,580**	**5,747**	**5,259**
O&M	GAS ENGINEERING	PIPELINE ENGINEERING DESIGN	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	2,471	—	—	—	2,471	3,470	3,574	3,681	3,791	3,470
O&M	**GAS ENGINEERING**	**SubTotal PIPELINE ENGINEERING DESIGN**				**Yes**			**2,471**	—	—	—	**2,471**	**3,470**	**3,574**	**3,681**	**3,791**	**3,470**
O&M	GAS ENGINEERING	PIPELINE ENGINEERING MANAGER	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	115	—	—	—	115	225	232	239	246	225
O&M	**GAS ENGINEERING**	**SubTotal PIPELINE ENGINEERING MANAGER**				**Yes**			**115**	—	—	—	**115**	**225**	**232**	**239**	**246**	**225**
O&M	GAS ENGINEERING	PROJECT MANAGEMENT AND ENGINEERING	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	199	—	—	—	199	495	510	525	541	495
O&M	**GAS ENGINEERING**	**SubTotal PROJECT MANAGEMENT AND ENGINEERING**				**Yes**			**199**	—	—	—	**199**	**495**	**510**	**525**	**541**	**495**

SoCalGas GAS ENGINEERING O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference ($)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
O&M	GAS ENGINEERING	GAS ENGINEERING				Yes	(6,479)	(13,629)	(16,469)	(17,841)	(6,479)	-11%	-100%	-100%	-100%	-11%
O&M	GAS ENGINEERING	AVIATION SERVICES, RD&D OPS, RD&D EMISSIONS, PLASTIC PIPING SYSTEMS	Non-RAMP	Non-RAMP	Non-RAMP	No	233	(827)	(852)	(878)	233	29%	-100%	-100%	-100%	29%
O&M	**GAS ENGINEERING**	**SubTotal AVIATION SERVICES, RD&D OPS, RD&D EMISSIONS, PLASTIC PIPING SYSTEMS**				**Yes**	**233**	**(827)**	**(852)**	**(878)**	**233**	**29%**	**-100%**	**-100%**	**-100%**	**29%**
O&M	GAS ENGINEERING	EAC, MATERIALS LAB, NDE, MATERIALS AND EQP, COMPRESSOR, ADMN, APPLIED TECH, MQM	Non-RAMP	Non-RAMP	Non-RAMP	No	(913)	(7,986)	(8,226)	(8,473)	(913)	-12%	-100%	-100%	-100%	-12%
O&M	**GAS ENGINEERING**	**SubTotal EAC, MATERIALS LAB, NDE, MATERIALS AND EQP, COMPRESSOR, ADMN, APPLIED TECH, MQM**				**Yes**	**(913)**	**(7,986)**	**(8,226)**	**(8,473)**	**(913)**	**-12%**	**-100%**	**-100%**	**-100%**	**-12%**
O&M	GAS ENGINEERING	ELECTRICAL, PROCESS, MECHANICAL ENGINEERING, INFO TECH, AND INSTRUMENT & CONTROL	Non-RAMP	Non-RAMP	Non-RAMP	No	(1,717)	(2,770)	(2,853)	(2,939)	(1,717)	-6.4%	-100%	-100%	-100%	-6.4%
O&M	**GAS ENGINEERING**	**SubTotal ELECTRICAL, PROCESS, MECHANICAL ENGINEERING, INFO TECH, AND INSTRUMENT & CONTROL**				**Yes**	**(1,717)**	**(2,770)**	**(2,853)**	**(2,939)**	**(1,717)**	**-6.4%**	**-100%**	**-100%**	**-100%**	**-6.4%**
O&M	GAS ENGINEERING	ENGINEERING ANALYSIS CENTER (CHEMICAL)	Non-RAMP	Non-RAMP	Non-RAMP	No	(587)	(2,962)	(3,051)	(3,143)	(587)	-20%	-100%	-100%	-100%	-20%
O&M	**GAS ENGINEERING**	**SubTotal ENGINEERING ANALYSIS CENTER (CHEMICAL)**				**Yes**	**(587)**	**(2,962)**	**(3,051)**	**(3,143)**	**(587)**	**-20%**	**-100%**	**-100%**	**-100%**	**-20%**
O&M	GAS ENGINEERING	GE DIRECTOR, GE/SI VICE PRESIDENT, AND HYDROGEN	Non-RAMP	Non-RAMP	Non-RAMP	No	115	(2,172)	(2,237)	(2,304)	115	5%	-100%	-100%	-100%	5%
O&M	**GAS ENGINEERING**	**SubTotal GE DIRECTOR, GE/SI VICE PRESIDENT, AND HYDROGEN**				**Yes**	**115**	**(2,172)**	**(2,237)**	**(2,304)**	**115**	**5%**	**-100%**	**-100%**	**-100%**	**5%**
O&M	GAS ENGINEERING	LROW/GIS	Non-RAMP	Non-RAMP	Non-RAMP	No	(1,226)	(4,534)	(4,670)	(4,810)	(1,226)	-28%	-100%	-100%	-100%	-28%
O&M	**GAS ENGINEERING**	**SubTotal LROW/GIS**				**Yes**	**(1,226)**	**(4,534)**	**(4,670)**	**(4,810)**	**(1,226)**	**-28%**	**-100%**	**-100%**	**-100%**	**-28%**
O&M	GAS ENGINEERING	MEASUREMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	(628)	(1,611)	(1,659)	(1,709)	(628)	-40%	-100%	-100%	-100%	-40%
O&M	**GAS ENGINEERING**	**SubTotal MEASUREMENT**				**Yes**	**(628)**	**(1,611)**	**(1,659)**	**(1,709)**	**(628)**	**-40%**	**-100%**	**-100%**	**-100%**	**-40%**
O&M	GAS ENGINEERING	MEASUREMENT AND REGULATION	Non-RAMP	Non-RAMP	Non-RAMP	No	(557)	(2,632)	(2,711)	(2,792)	(557)	-22%	-100%	-100%	-100%	-22%
O&M	**GAS ENGINEERING**	**SubTotal MEASUREMENT AND REGULATION**				**Yes**	**(557)**	**(2,632)**	**(2,711)**	**(2,792)**	**(557)**	**-22%**	**-100%**	**-100%**	**-100%**	**-22%**
O&M	GAS ENGINEERING	RESEARCH, PLASTICS, AND AVIATION	Non-RAMP	Non-RAMP	Non-RAMP	No	110	(90)	(93)	(96)	110	127%	-100%	-100%	-100%	127%
O&M	**GAS ENGINEERING**	**SubTotal RESEARCH, PLASTICS, AND AVIATION**				**Yes**	**110**	**(90)**	**(93)**	**(96)**	**110**	**127%**	**-100%**	**-100%**	**-100%**	**127%**
O&M	GAS ENGINEERING	METROLOGY	Non-RAMP	Non-RAMP	Non-RAMP	No	(83)	(312)	(321)	(331)	(83)	-27%	-100%	-100%	-100%	-27%
O&M	**GAS ENGINEERING**	**SubTotal METROLOGY**				**Yes**	**(83)**	**(312)**	**(321)**	**(331)**	**(83)**	**-27%**	**-100%**	**-100%**	**-100%**	**-27%**
O&M	GAS ENGINEERING	NGV, MEASUREMENT, INSTRUMENT SHOP	Non-RAMP	Non-RAMP	Non-RAMP	No	(19)	(5,417)	(5,580)	(5,747)	(19)	-0%	-100%	-100%	-100%	-0%
O&M	**GAS ENGINEERING**	**SubTotal NGV, MEASUREMENT, INSTRUMENT SHOP**				**Yes**	**(19)**	**(5,417)**	**(5,580)**	**(5,747)**	**(19)**	**-0%**	**-100%**	**-100%**	**-100%**	**-0%**
O&M	GAS ENGINEERING	PIPELINE ENGINEERING DESIGN	Non-RAMP	Non-RAMP	Non-RAMP	No	(999)	(3,574)	(3,681)	(3,791)	(999)	-29%	-100%	-100%	-100%	-29%
O&M	**GAS ENGINEERING**	**SubTotal PIPELINE ENGINEERING DESIGN**				**Yes**	**(999)**	**(3,574)**	**(3,681)**	**(3,791)**	**(999)**	**-29%**	**-100%**	**-100%**	**-100%**	**-29%**
O&M	GAS ENGINEERING	PIPELINE ENGINEERING MANAGER	Non-RAMP	Non-RAMP	Non-RAMP	No	(110)	(232)	(239)	(246)	(110)	-49%	-100%	-100%	-100%	-49%
O&M	**GAS ENGINEERING**	**SubTotal PIPELINE ENGINEERING MANAGER**				**Yes**	**(110)**	**(232)**	**(239)**	**(246)**	**(110)**	**-49%**	**-100%**	**-100%**	**-100%**	**-49%**
O&M	GAS ENGINEERING	PROJECT MANAGEMENT AND ENGINEERING	Non-RAMP	Non-RAMP	Non-RAMP	No	(296)	(510)	(525)	(541)	(296)	-60%	-100%	-100%	-100%	-60%
O&M	**GAS ENGINEERING**	**SubTotal PROJECT MANAGEMENT AND ENGINEERING**				**Yes**	**(296)**	**(510)**	**(525)**	**(541)**	**(296)**	**-60%**	**-100%**	**-100%**	**-100%**	**-60%**

SoCalGas GAS ENGINEERING O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
O&M	GAS ENGINEERING	GAS ENGINEERING				Yes																					
O&M	GAS ENGINEERING	AVIATION SERVICES, RD&D OPS, RD&D EMISSIONS, PLASTIC PIPING SYSTEMS	Non-RAMP	Non-RAMP	Non-RAMP	No	This workpaper supports participation in research projects related to environmental research with organizations such as Pipeline Research Council International (PRCI) and in Gas Operations RD&D projects such as methane detection using manned (helicopter) and unmanned aerial vehicles (drone). The Aviation Services team provides support and technical expertise to facilitate the advancement of aviation-based technology solutions for Gas Operations organizations. Activities provided by Aviation Services also enables development of safe and efficient aerial-based tools and technologies and provides oversight for aviation safety. These activities enhance the efficiency and responsiveness of Gas Operations. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																
O&M	**GAS ENGINEERING**	**SubTotal AVIATION SERVICES, RD&D OPS, RD&D EMISSIONS, PLASTIC PIPING SYSTEMS**				**Yes**																					
O&M	GAS ENGINEERING	EAC, MATERIALS LAB, NDE, MATERIALS AND EQP, COMPRESSOR, ADMN, APPLIED TECH, MQM	Non-RAMP	Non-RAMP	Non-RAMP	No	This workpaper includes labor and non-labor expenses and activities for the following groups. Engineering Analysis Center oversight and administration, Air Quality and Compressor Services, Materials Quality Management, Manufacturer Specifications, Materials and Equipment, Non-destructive Examination Program, Materials Lab, and Applied Technologies. These groups Establish policy and oversight on Non-Destructive Examination testing, welding procedures, coating systems for gas materials, inspection of pressure vessels, materials, equipment and tools, and vent stacks. They also provide laboratory testing and quality assurance services for vendor products, pipeline steel and plastic, and failure analysis. They provide guidance and conduct gas quality and odorization testing as well as perform gas leak investigations, leak mitigation and compliance testing. This area also provides centralized quality policies, standard ization, material specifications and approval for materials. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																
O&M	**GAS ENGINEERING**	**SubTotal EAC, MATERIALS LAB, NDE, MATERIALS AND EQP, COMPRESSOR, ADMN, APPLIED TECH, MQM**				**Yes**																					
O&M	GAS ENGINEERING	ELECTRICAL, PROCESS, MECHANICAL ENGINEERING, INFO TECH, AND INSTRUMENT & CONTROL	Non-RAMP	Non-RAMP	Non-RAMP	No	This workpaper includes labor and non-labor expenses and activities for shared services in Gas Engineering including Engineering Information Technology, Gas Process Engineering, Electrical Design and Engineering, Mechanical Design, and Measurement, Regulation and Control (MRC) Instrumentation and Control. These groups are responsible for engineering data management, implementation, integration, and administration of data driven design tools supporting capital facility projects and the integrity management programs. The groups are also responsible for designing and producing documents and design drawings associated with electrical components such as meters, control valves, and monitoring equipment as well as the technical expertise needed to develop and implement mechanical engineering strategies and designs related to transmission and storage facilities, including compressor stations, instrument air systems, exhaust systems, pressure vessels, field piping, fire protection systems, and gas processing facilities. In addition the group provides engineering, technical support for Instrumentation and Control assets, commissioning, and design solutions for instrumentation and control systems. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																
O&M	**GAS ENGINEERING**	**SubTotal ELECTRICAL, PROCESS, MECHANICAL ENGINEERING, INFO TECH, AND INSTRUMENT & CONTROL**				**Yes**																					
O&M	GAS ENGINEERING	ENGINEERING ANALYSIS CENTER (CHEMICAL)	Non-RAMP	Non-RAMP	Non-RAMP	No	The activities in this workpaper include labor and non-labor expenses and shared services functions provided by the Engineering Analysis Center Chemical section. The Engineering Analysis Center Chemical section provides environmental, gas operation, and British Thermal Unit (BTU) measurement related analytical services to the operation and customer services organizations and activities include: Polychlorinated biphenyl (PCB) analysis and sample management, hazardous material, gas quality policy and operating procedures, gas composition, odorization management and test development, gas line odor seasoning management and training, gas quality testing, BTU measurement, fugitive and leakage gas identification and verification. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																
O&M	**GAS ENGINEERING**	**SubTotal ENGINEERING ANALYSIS CENTER (CHEMICAL)**				**Yes**																					
O&M	GAS ENGINEERING	GE DIRECTOR, GE/SI VICE PRESIDENT, AND HYDROGEN	Non-RAMP	Non-RAMP	Non-RAMP	No	Director of Gas Engineering, Gas Engineering and System Integrity Vice President, and Hydrogen includes expenditures incurred for activities such as setting goals and vision for the organization, financial support and administrative functions which provide support for the various operating groups for SoCalGas and SDG&E. The Hydrogen Blending team provides engineering analysis support, conducts pilots and research to introduce Hydrogen into the natural gas system. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																
O&M	**GAS ENGINEERING**	**SubTotal GE DIRECTOR, GE/SI VICE PRESIDENT, AND HYDROGEN**				**Yes**																					
O&M	GAS ENGINEERING	LROW/GIS	Non-RAMP	Non-RAMP	Non-RAMP	No	Land and Right of Way manages and acquires the necessary property rights that allow for the access, construction, operation, and maintenance of pipeline infrastructure as well as provides land rights policy governance and support and governance of encroachment administration. This area also includes activities associated with lease administration including Right of Way lease payments. Geographic Analysis & Survey conducts survey related activities for the installation of pipelines in public right of way and private land. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																
O&M	**GAS ENGINEERING**	**SubTotal LROW/GIS**				**Yes**																					
O&M	GAS ENGINEERING	MEASUREMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	This workpaper includes labor and non-labor expenses and shared services activities related to Measurement Technologies and administrative support of Measurement Metrology. Measurement Technologies is responsible for testing, evaluation, selection, and deployment of strategic planning and policies and practices associated with gas metering equipment and managing meter and regulator maintenance and inspection scheduling and reporting system. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																
O&M	**GAS ENGINEERING**	**SubTotal MEASUREMENT**				**Yes**																					
O&M	GAS ENGINEERING	MEASUREMENT AND REGULATION	Non-RAMP	Non-RAMP	Non-RAMP	No	This workpaper includes labor and non-labor expenses and shared services related to Measurement and Regulation. The activities in this area include general management and administrative support and provides engineering policy as well as engineering, commissioning, and design solutions for large meter and regulator stations, pipeline valve automation and system integration, optical pipeline monitoring assets, pressure relief valves, and pressure regulation control and monitoring. In addition, this area provides planning, field support, technical procedures, training, material specification development, technical standard development and heating value standards. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																
O&M	**GAS ENGINEERING**	**SubTotal MEASUREMENT AND REGULATION**				**Yes**																					
O&M	GAS ENGINEERING	RESEARCH, PLASTICS, AND AVIATION	Non-RAMP	Non-RAMP	Non-RAMP	No	This workpaper includes labor and non-labor expenses for Gas Engineering Programs Management which includes activities related to the program management of Environmental Research, Gas Operations Research, Development and Demonstrations. Activities also include participation in research projects related to environmental research with organizations such as Pipeline Research Council International (PRCI) and in Gas Operations RD&D projects such as methane detection using an unmanned aerial vehicle drone. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																
O&M	**GAS ENGINEERING**	**SubTotal RESEARCH, PLASTICS, AND AVIATION**				**Yes**																					
O&M	GAS ENGINEERING	METROLOGY	Non-RAMP	Non-RAMP	Non-RAMP	No	This activities in this workpaper includes labor and non-labor expense requirements and captures activities performed by Measurement Metrology. Measurement Metrology is responsible for calibration of primary and secondary standards used by field measurement groups and tracks measurement assets. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																
O&M	**GAS ENGINEERING**	**SubTotal METROLOGY**				**Yes**																					
O&M	GAS ENGINEERING	NGV, MEASUREMENT, INSTRUMENT SHOP	Non-RAMP	Non-RAMP	Non-RAMP	No	This workpaper includes labor and non-labor expenses and non-shared services provided by Natural Gas Vehicle, Electric Field Maintenance, Meter Shop & Records, and the Instrument Shop Meter Quality Support groups. NGV & Electrical Field Maintenance involves activities associated with Natural Gas Vehicle fueling stations and other field support and maintenance. Instrumentation Repair and Field Support includes activities that provide calibration of instruments used for field maintenance of gas facilities, field inspection, and the configuration, programming, testing and repair/assessment of electronic measurement devices used for customer billing. The Meter Shop & Records includes activities involving refurbishing, repairing, and maintaining a variety of meter types. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																
O&M	**GAS ENGINEERING**	**SubTotal NGV, MEASUREMENT, INSTRUMENT SHOP**				**Yes**																					
O&M	GAS ENGINEERING	PIPELINE ENGINEERING DESIGN	Non-RAMP	Non-RAMP	Non-RAMP	No	This workpaper includes labor and non-labor expenses and activities of shared services in Gas Engineering including Pipeline Engineering, Distribution System Engineering Support, Civil/Structural Engineering, and Design Drafting. Pipeline Engineering establishes engineering gas standards and procedures for Transmission, Storage and Customer Service Operations, sets material specifications/traceability and quality control. Distribution System Engineering Support creates computer hydraulic models of medium and high-pressure pipe Distribution networks used by Operations to design pipe networks and meter customer demands, manages pressure monitoring programs, provides guidance and system analysis training to Distribution Engineering employees. The Civil/Structural Engineering group performs activities associated with geological hazard mitigation engineering, civil engineering analysis and structural design. The Design Drafting group is responsible for policies and design requirements for as-builts of pipeline and facility projects. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																
O&M	**GAS ENGINEERING**	**SubTotal PIPELINE ENGINEERING DESIGN**				**Yes**																					
O&M	GAS ENGINEERING	PIPELINE ENGINEERING MANAGER	Non-RAMP	Non-RAMP	Non-RAMP	No	This workpaper includes labor and non-labor expenses for Engineering Design administrative and managerial activities that support core engineering activities. These managerial activities include engineering problem resolution and decision making, hiring new staff, training, mentoring, knowledge transfer, performance evaluations, and leading the direction for the teams within Engineering Design. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																
O&M	**GAS ENGINEERING**	**SubTotal PIPELINE ENGINEERING MANAGER**				**Yes**																					
O&M	GAS ENGINEERING	PROJECT MANAGEMENT AND ENGINEERING	Non-RAMP	Non-RAMP	Non-RAMP	No	This workpaper includes labor and non-labor expenditures and captures activities performed by Project Engineering. Project Engineering receives project requests, manages, monitors, and implements engineering governance; and provides professional engineering oversight of project execution from initiation to close-out, including development of project scopes, schedules technical deliverables, document control and project status reporting. This group also interfaces with and manages engineering consultants. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																
O&M	**GAS ENGINEERING**	**SubTotal PROJECT MANAGEMENT AND ENGINEERING**				**Yes**																					

SoCalGas GAS ENGINEERING O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Safety, Reliability, or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status	Status Variance Explanation Required?
O&M	GAS ENGINEERING	GAS ENGINEERING				Yes										
O&M	GAS ENGINEERING	AVIATION SERVICES, RD&D OPS, RD&D EMISSIONS, PLASTIC PIPING SYSTEMS	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**GAS ENGINEERING**	**SubTotal AVIATION SERVICES, RD&D OPS, RD&D EMISSIONS, PLASTIC PIPING SYSTEMS**				**Yes**	**YES**	**NO**								**NO**
O&M	GAS ENGINEERING	EAC, MATERIALS LAB, NDE, MATERIALS AND EQP, COMPRESSOR, ADMN, APPLIED TECH, MQM	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**GAS ENGINEERING**	**SubTotal EAC, MATERIALS LAB, NDE, MATERIALS AND EQP, COMPRESSOR, ADMN, APPLIED TECH, MQM**				**Yes**	**YES**	**NO**								**NO**
O&M	GAS ENGINEERING	ELECTRICAL, PROCESS, MECHANICAL ENGINEERING, INFO TECH, AND INSTRUMENT & CONTROL	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	YES	NO	The variance is due to lower than forecasted staffing levels due to challenges finding qualified personnel to fill the open positions. Contract labor was lower than anticipated as compared to historical labor.	N/A	On Target (T)	On Target (T)	Under (U)	Proceeding as Planned	NO
O&M	**GAS ENGINEERING**	**SubTotal ELECTRICAL, PROCESS, MECHANICAL ENGINEERING, INFO TECH, AND INSTRUMENT & CONTROL**				**Yes**	**YES**	**YES**								**NO**
O&M	GAS ENGINEERING	ENGINEERING ANALYSIS CENTER (CHEMICAL)	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**GAS ENGINEERING**	**SubTotal ENGINEERING ANALYSIS CENTER (CHEMICAL)**				**Yes**	**YES**	**NO**								**NO**
O&M	GAS ENGINEERING	GE DIRECTOR, GE/SI VICE PRESIDENT, AND HYDROGEN	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**GAS ENGINEERING**	**SubTotal GE DIRECTOR, GE/SI VICE PRESIDENT, AND HYDROGEN**				**Yes**	**YES**	**NO**								**NO**
O&M	GAS ENGINEERING	LROW/GIS	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	YES	NO	The variance is attributed to a combination of lower than forecasted Right-of-Way lease payments and organizational changes.	N/A	On Target (T)	On Target (T)	Under (U)	Proceeding as Planned	NO
O&M	**GAS ENGINEERING**	**SubTotal LROW/GIS**				**Yes**	**YES**	**YES**								**NO**
O&M	GAS ENGINEERING	MEASUREMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**GAS ENGINEERING**	**SubTotal MEASUREMENT**				**Yes**	**YES**	**NO**								**NO**
O&M	GAS ENGINEERING	MEASUREMENT AND REGULATION	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**GAS ENGINEERING**	**SubTotal MEASUREMENT AND REGULATION**				**Yes**	**YES**	**NO**								**NO**
O&M	GAS ENGINEERING	RESEARCH, PLASTICS, AND AVIATION	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	Over (O)	Proceeding as Planned	NO
O&M	**GAS ENGINEERING**	**SubTotal RESEARCH, PLASTICS, AND AVIATION**				**Yes**	**YES**	**NO**								**NO**
O&M	GAS ENGINEERING	METROLOGY	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	Under (U)	Proceeding as Planned	NO
O&M	**GAS ENGINEERING**	**SubTotal METROLOGY**				**Yes**	**YES**	**NO**								**NO**
O&M	GAS ENGINEERING	NGV, MEASUREMENT, INSTRUMENT SHOP	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**GAS ENGINEERING**	**SubTotal NGV, MEASUREMENT, INSTRUMENT SHOP**				**Yes**	**YES**	**NO**								**NO**
O&M	GAS ENGINEERING	PIPELINE ENGINEERING DESIGN	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	Under (U)	Proceeding as Planned	NO
O&M	**GAS ENGINEERING**	**SubTotal PIPELINE ENGINEERING DESIGN**				**Yes**	**YES**	**NO**								**NO**
O&M	GAS ENGINEERING	PIPELINE ENGINEERING MANAGER	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	Under (U)	Proceeding as Planned	NO
O&M	**GAS ENGINEERING**	**SubTotal PIPELINE ENGINEERING MANAGER**				**Yes**	**YES**	**NO**								**NO**
O&M	GAS ENGINEERING	PROJECT MANAGEMENT AND ENGINEERING	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	Under (U)	Proceeding as Planned	NO
O&M	**GAS ENGINEERING**	**SubTotal PROJECT MANAGEMENT AND ENGINEERING**				**Yes**	**YES**	**NO**								**NO**

SoCalGas GAS ENGINEERING O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Status Variance Explanation	WP Activity Description	2024 GRC Testimony Location
O&M	GAS ENGINEERING	GAS ENGINEERING				Yes			
O&M	GAS ENGINEERING	AVIATION SERVICES, RD&D OPS, RD&D EMISSIONS, PLASTIC PIPING SYSTEMS	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
O&M	**GAS ENGINEERING**	**SubTotal AVIATION SERVICES, RD&D OPS, RD&D EMISSIONS, PLASTIC PIPING SYSTEMS**				**Yes**			
O&M	GAS ENGINEERING	EAC, MATERIALS LAB, NDE, MATERIALS AND EQP, COMPRESSOR, ADMN, APPLIED TECH, MQM	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
O&M	**GAS ENGINEERING**	**SubTotal EAC, MATERIALS LAB, NDE, MATERIALS AND EQP, COMPRESSOR, ADMN, APPLIED TECH, MQM**				**Yes**			
O&M	GAS ENGINEERING	ELECTRICAL, PROCESS, MECHANICAL ENGINEERING, INFO TECH, AND INSTRUMENT & CONTROL	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A	This workpaper includes labor and non-labor expenses and activities of shared services in Gas Engineering including Engineering Information Technology, Gas Process Engineering, Electrical Design and Engineering, Mechanical Design, and Measurement, Regulation and Control (MRC) Instrumentation and Control. Engineering Information Technology is responsible for engineering data management, implementation, integration, and administration of data driven design tools supporting capital facility projects and the integrity management programs. Gas Process Engineering group is responsible for supporting operations and projects related to storage and complex facilities. Electrical Design is responsible for designing and producing documents and design drawings associated with electrical components such as meters, control valves, and monitoring equipment. The activities provided by the Mechanical Design group include the technical expertise needed to develop and implement mechanical engineering strategies and designs related to transmission and storage facilities, including compressor stations, instrument air systems, exhaust systems, pressure vessels, field piping, fire protection systems, and gas processing facilities. Measurement, Regulation and Control provides engineering, technical support for Instrumentation and Control assets, commissioning, and design solutions for instrumentation and control systems.	SCG-07-R MTM-28 to MTM-29 WP 2200-0026
O&M	**GAS ENGINEERING**	**SubTotal ELECTRICAL, PROCESS, MECHANICAL ENGINEERING, INFO TECH, AND INSTRUMENT & CONTROL**				**Yes**			
O&M	GAS ENGINEERING	ENGINEERING ANALYSIS CENTER (CHEMICAL)	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
O&M	**GAS ENGINEERING**	**SubTotal ENGINEERING ANALYSIS CENTER (CHEMICAL)**				**Yes**			
O&M	GAS ENGINEERING	GE DIRECTOR, GE/SI VICE PRESIDENT, AND HYDROGEN	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
O&M	**GAS ENGINEERING**	**SubTotal GE DIRECTOR, GE/SI VICE PRESIDENT, AND HYDROGEN**				**Yes**			
O&M	GAS ENGINEERING	LROW/GIS	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A	This workpaper includes labor and non-labor expenditures and captures activities performed by Land and Right of Way and Geographic Analysis and Survey. Land and Right of Way manages and acquires the necessary property rights that allow for the access, construction, operation, and maintenance of pipeline infrastructure as well as provides land rights policy governance and support and governance of encroachment administration in compliance with GO-112F Section 143.5. This workpaper also includes activities associated with lease administration including Right of Way lease payments. Geographic Analysis & Survey conducts survey related activities for the installation of pipelines in public right of way and private land.	SCG-07-R MTM-13 to MTM-16 WP 2E-N001.000
O&M	**GAS ENGINEERING**	**SubTotal LROW/GIS**				**Yes**			
O&M	GAS ENGINEERING	MEASUREMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
O&M	**GAS ENGINEERING**	**SubTotal MEASUREMENT**				**Yes**			
O&M	GAS ENGINEERING	MEASUREMENT AND REGULATION	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
O&M	**GAS ENGINEERING**	**SubTotal MEASUREMENT AND REGULATION**				**Yes**			
O&M	GAS ENGINEERING	RESEARCH, PLASTICS, AND AVIATION	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
O&M	**GAS ENGINEERING**	**SubTotal RESEARCH, PLASTICS, AND AVIATION**				**Yes**			
O&M	GAS ENGINEERING	METROLOGY	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
O&M	**GAS ENGINEERING**	**SubTotal METROLOGY**				**Yes**			
O&M	GAS ENGINEERING	NGV, MEASUREMENT, INSTRUMENT SHOP	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
O&M	**GAS ENGINEERING**	**SubTotal NGV, MEASUREMENT, INSTRUMENT SHOP**				**Yes**			
O&M	GAS ENGINEERING	PIPELINE ENGINEERING DESIGN	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
O&M	**GAS ENGINEERING**	**SubTotal PIPELINE ENGINEERING DESIGN**				**Yes**			
O&M	GAS ENGINEERING	PIPELINE ENGINEERING MANAGER	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
O&M	**GAS ENGINEERING**	**SubTotal PIPELINE ENGINEERING MANAGER**				**Yes**			
O&M	GAS ENGINEERING	PROJECT MANAGEMENT AND ENGINEERING	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
O&M	**GAS ENGINEERING**	**SubTotal PROJECT MANAGEMENT AND ENGINEERING**				**Yes**			

SoCalGas GAS STORAGE OPERATIONS AND CONSTRUCTION O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date ($)
O&M	GAS STORAGE OPERATIONS AND CONSTRUCTION	GAS STORAGE OPERATIONS AND CONSTRUCTION				Yes			42,511	---	---	---	42,511	46,558	47,951	49,390	50,871	46,558
O&M	GAS STORAGE	ABOVEGROUND STORAGE	Incident Involving an Employee	Workplace Violence Prevention Programs	Non-vehicle Incident	No	On-going	Annual	5	---	---	---	5	76	78	80	82	76
O&M	GAS STORAGE	ABOVEGROUND STORAGE	Incident Related to the Storage System (Excluding Dig-in)	Storage Field Maintenance	Above Ground Facilities - Storage Field Maintenance	No	On-going	Annual	33,983	---	---	---	33,983	36,958	38,067	39,210	40,386	36,958
O&M	GAS STORAGE	ABOVEGROUND STORAGE	Incident Related to the Storage System (Excluding Dig-in)	Storage Field Maintenance	Above Ground Piping - Storage Field Maintenance Pairing	No	On-going	Annual	4,502	---	---	---	4,502	3,663	3,773	3,886	4,003	3,663
O&M	**GAS STORAGE**	**SubTotal ABOVEGROUND STORAGE**				**Yes**			**38,489**	---	---	---	**38,489**	**40,697**	**41,918**	**43,176**	**44,471**	**40,697**
O&M	GAS STORAGE	UNDERGROUND STORAGE	Incident Related to the Storage System (Excluding Dig-in)	Storage Field Maintenance	Underground Components	No	On-going	Annual	3,612	---	---	---	3,612	5,483	5,647	5,816	5,990	5,483
O&M	**GAS STORAGE**	**SubTotal UNDERGROUND STORAGE**				**Yes**			**3,612**	---	---	---	**3,612**	**5,483**	**5,647**	**5,816**	**5,990**	**5,483**
O&M	GAS STORAGE	VP TRANS & STORAGE	Non-RAMP	Non-RAMP	Non-RAMP	No			429	---	---	---	429	375	386	398	410	375
O&M	**GAS STORAGE**	**SubTotal VP TRANS & STORAGE**				**Yes**			**429**	---	---	---	**429**	**375**	**386**	**398**	**410**	**375**

SoCalGas GAS STORAGE OPERATIONS AND CONSTRUCTION O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference ($)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
O&M	GAS STORAGE OPERATIONS AND CONSTRUCTION	GAS STORAGE OPERATIONS AND CONSTRUCTION				Yes	(4,024)	(47,951)	(49,390)	(50,871)	(4,024)	-9%	-100%	-100%	-100%	-9%
O&M	GAS STORAGE	ABOVEGROUND STORAGE	Incident Involving an Employee	Workplace Violence Prevention Programs	Non-vehicle Incident	No	(71)	(78)	(80)	(82)	(71)	-9.4%	-100%	-100%	-100%	-9.4%
O&M	GAS STORAGE	ABOVEGROUND STORAGE	Incident Related to the Storage System (Excluding Dig-in)	Storage Field Maintenance	Above Ground Facilities - Storage Field Maintenance	No	(2,975)	(38,067)	(39,210)	(40,386)	(2,975)	-8%	-100%	-100%	-100%	-8%
O&M	GAS STORAGE	ABOVEGROUND STORAGE	Incident Related to the Storage System (Excluding Dig-in)	Storage Field Maintenance	Above Ground Piping - Storage Field Maintenance Pairing	No	839	(3,773)	(3,886)	(4,003)	839	2.3%	-100%	-100%	-100%	2.3%
O&M	**GAS STORAGE**	**SubTotal ABOVEGROUND STORAGE**				**Yes**	**(2,208)**	**(41,918)**	**(43,176)**	**(44,471)**	**(2,208)**	**-5%**	**-100%**	**-100%**	**-100%**	**-5%**
O&M	GAS STORAGE	UNDERGROUND STORAGE	Incident Related to the Storage System (Excluding Dig-in)	Storage Field Maintenance	Underground Components	No	(1,871)	(5,647)	(5,816)	(5,990)	(1,871)	-34%	-100%	-100%	-100%	-34%
O&M	**GAS STORAGE**	**SubTotal UNDERGROUND STORAGE**				**Yes**	**(1,871)**	**(5,647)**	**(5,816)**	**(5,990)**	**(1,871)**	**-34%**	**-100%**	**-100%**	**-100%**	**-34%**
O&M	GAS STORAGE	VP TRANS & STORAGE	Non-RAMP	Non-RAMP	Non-RAMP	No	54	(386)	(398)	(410)	54	14%	-100%	-100%	-100%	14%
O&M	**GAS STORAGE**	**SubTotal VP TRANS & STORAGE**				**Yes**	**54**	**(386)**	**(398)**	**(410)**	**54**	**14%**	**-100%**	**-100%**	**-100%**	**14%**

SoCalGas GAS STORAGE OPERATIONS AND CONSTRUCTION O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
O&M	GAS STORAGE OPERATIONS AND CONSTRUCTION	GAS STORAGE OPERATIONS AND CONSTRUCTION				Yes																					
O&M	GAS STORAGE	ABOVEGROUND STORAGE	Incident Involving an Employee	Workplace Violence Prevention Programs	Non-vehicle Incident	No	Curriculum	1				1	1				1	0	0	0	0	—	0 %	0 %	0 %	0 %	0 %
O&M	GAS STORAGE	ABOVEGROUND STORAGE	Incident Related to the Storage System (Excluding Dig-in)	Storage Field Maintenance	Above Ground Facilities - Storage Field Maintenance	No	Storage field	4				4	4				4	0	0	0	0	—	0 %	0 %	0 %	0 %	0 %
O&M	GAS STORAGE	ABOVEGROUND STORAGE	Incident Related to the Storage System (Excluding Dig-in)	Storage Field Maintenance	Above Ground Piping - Storage Field Maintenance Piping	No	Storage field	4				4	4				4	0	0	0	0	—	0 %	0 %	0 %	0 %	0 %
O&M	**GAS STORAGE**	**SubTotal ABOVEGROUND STORAGE**				**Yes**																					
O&M	GAS STORAGE	UNDERGROUND STORAGE	Incident Related to the Storage System (Excluding Dig-in)	Storage Field Maintenance	Underground Components	No	Storage field	4				4	4				4	0	0	0	0	—	0 %	0 %	0 %	0 %	0 %
O&M	**GAS STORAGE**	**SubTotal UNDERGROUND STORAGE**				**Yes**																					
O&M	GAS STORAGE	VP TRANS & STORAGE	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	**GAS STORAGE**	**SubTotal VP TRANS & STORAGE**				**Yes**																					

SoCalGas GAS STORAGE OPERATIONS AND CONSTRUCTION O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Safety, Reliability, or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status	Status Variance Explanation Required?
O&M	GAS STORAGE OPERATIONS AND CONSTRUCTION	GAS STORAGE OPERATIONS AND CONSTRUCTION				Yes										
O&M	GAS STORAGE	ABOVEGROUND STORAGE	Incident Involving an Employee	Workplace Violence Prevention Programs	Non-vehicle Incident	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	Under (U)	Proceeding as Planned	NO
O&M	GAS STORAGE	ABOVEGROUND STORAGE	Incident Related to the Storage System (Excluding Dig-in)	Storage Field Maintenance	Above Ground Facilities - Storage Field Maintenance	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	GAS STORAGE	ABOVEGROUND STORAGE	Incident Related to the Storage System (Excluding Dig-in)	Storage Field Maintenance	Above Ground Piping - Storage Field Maintenance Pairing	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**GASSTORAGE**	**SubTotal ABOVEGROUND STORAGE**				**Yes**	**YES**	**NO**								**NO**
O&M	GAS STORAGE	UNDERGROUND STORAGE	Incident Related to the Storage System (Excluding Dig-in)	Storage Field Maintenance	Underground Components	No	YES	YES	NO	Prioritized capital well workover projects and Noise Temperature Surveys, as required by CalGEM and coded under the Storage Integrity Management Program (SIMP) O&M costs (AK-TS-51) led to lower O&M costs.	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**GASSTORAGE**	**SubTotal UNDERGROUND STORAGE**				**Yes**	**YES**	**YES**								**NO**
O&M	GAS STORAGE	VP TRANS & STORAGE	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
O&M	**GASSTORAGE**	**SubTotal VP TRANS & STORAGE**				**Yes**	**NO**									

SoCalGas GAS STORAGE OPERATIONS AND CONSTRUCTION O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Status Variance Explanation	WP Activity Description	2024 GRC Testimony Location
O&M	GAS STORAGE OPERATIONS AND CONSTRUCTION	GAS STORAGE OPERATIONS AND CONSTRUCTION				Yes			
O&M	GAS STORAGE	ABOVEGROUND STORAGE	Incident Involving an Employee	Workplace Violence Prevention Programs	Non-vehicle Incident	No	N/A		
O&M	GAS STORAGE	ABOVEGROUND STORAGE	Incident Related to the Storage System (Excluding Dig-in)	Storage Field Maintenance	Above Ground Facilities - Storage Field Maintenance	No	N/A		
O&M	GAS STORAGE	ABOVEGROUND STORAGE	Incident Related to the Storage System (Excluding Dig-in)	Storage Field Maintenance	Above Ground Piping - Storage Field Maintenance Piping	No	N/A		
O&M	**GAS STORAGE**	**SubTotal ABOVEGROUND STORAGE**				**Yes**			
O&M	GAS STORAGE	UNDERGROUND STORAGE	Incident Related to the Storage System (Excluding Dig-in)	Storage Field Maintenance	Underground Components	No	N/A	Underground storage is responsible for area from well head to bottom of the well. Storage Operations covers the supervision, engineering, and operational costs associated with the operation of the underground storage fields. Activities associated with these costs include: reservoir engineering studies; well testing and pressure surveys; turning wells on and off; activities associated with maintaining and patrolling storage pipelines, valves, drips, measurement and regulation equipment, wells, wellheads and well cellars; operating and maintaining compressor station equipment; purifying, dehydrating and conditioning natural gas processed through the storage operations; royalty payments associated with well and field locations; supervisory and engineering expenses; compliance to environmental and air quality regulations; ongoing safety and technical training for operations personnel.	SCG-10-R LTBSH-1 to LTBSH-5 WP 2USS000.000
O&M	**GAS STORAGE**	**SubTotal UNDERGROUND STORAGE**				**Yes**			
O&M	GAS STORAGE	VP TRANS. & STORAGE	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**GAS STORAGE**	**SubTotal VP TRANS. & STORAGE**				**Yes**			

SoCalGas GAS ACQUISITION O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date ($)
O&M	GAS ACQUISITION	GAS ACQUISITION				Yes			4,977	—	—	—	4,977	5,841	6,016	6,196	6,382	5,841
O&M	SOCALGAS GAS ACQUISITION	GAS ACQUISITION	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	4,977	—	—	—	4,977	5,841	6,016	6,196	6,382	5,841
O&M	**SOCALGAS GAS ACQUISITION**	**SubTotal GAS ACQUISITION**				**Yes**			**4,977**	**—**	**—**	**—**	**4,977**	**5,841**	**6,016**	**6,196**	**6,382**	**5,841**

Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference ($)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
(864)	(6,016)	(6,196)	(6,382)	(864)	-15%	-100%	-100%	-100%	-15%
(864)	(6,016)	(6,196)	(6,382)	(864)	-15%	-100%	-100%	-100%	-15%
(864)	**(6,016)**	**(6,196)**	**(6,382)**	**(864)**	**-15%**	**-100%**	**-100%**	**-100%**	**-15%**

Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
FTE	37				37	38				38	(1)	0	0	0	(1)	(3)%	0 %	0 %	0 %	(3)%

Safety, Reliability, or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status	Status Variance Explanation Required?
YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
YES	**NO**								**NO**

Status Variance Explanation	WP Activity Description	2024 GRC Testimony Location
N/A		

SoCalGas CUSTOMER INFORMATION SYSTEM REPLACEMENT PROGRAM O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date ($)
O&M	CUSTOMER INFORMATION SYSTEM REPLACEMENT PROGRAM	CUSTOMER INFORMATION SYSTEM REPLACEMENT PROGRAM				Yes			9,409	---	---	---	9,409	11,213	11,540	11,895	12,252	11,213
O&M	CIS REPLACEMENT PROGRAM	CUSTOMER SERVICES - CIS REPLACEMENT PROGRAM	Non-RAMP	Non-RAMP	Non-RAMP	No			9,409	---	---	---	9,409	11,213	11,540	11,895	12,252	11,213
O&M	**CIS REPLACEMENT PROGRAM**	**SubTotal CUSTOMER SERVICES - CIS REPLACEMENT PROGRAM**				**Yes**			**9,409**	**---**	**---**	**---**	**9,409**	**11,213**	**11,540**	**11,895**	**12,252**	**11,213**

SoCalGas CUSTOMER INFORMATION SYSTEM REPLACEMENT PROGRAM O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference ($)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
O&M	CUSTOMER INFORMATION SYSTEM REPLACEMENT PROGRAM	CUSTOMER INFORMATION SYSTEM REPLACEMENT PROGRAM				Yes	(1,304)	(11,549)	(11,895)	(12,252)	(1,304)	-16%	-100%	-100%	-100%	-16%
O&M	CIS REPLACEMENT PROGRAM	CUSTOMER SERVICES - CIS REPLACEMENT PROGRAM	Non-RAMP	Non-RAMP	Non-RAMP	No	(1,304)	(11,549)	(11,895)	(12,252)	(1,304)	-16%	-100%	-100%	-100%	-16%
O&M	**CIS REPLACEMENT PROGRAM**	**SubTotal CUSTOMER SERVICES - CIS REPLACEMENT PROGRAM**				**Yes**	**(1,304)**	**(11,549)**	**(11,895)**	**(12,252)**	**(1,304)**	**-16%**	**-100%**	**-100%**	**-100%**	**-16%**

SoCalGas CUSTOMER INFORMATION SYSTEM REPLACEMENT PROGRAM O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
O&M	CUSTOMER INFORMATION SYSTEM REPLACEMENT PROGRAM	CUSTOMER INFORMATION SYSTEM REPLACEMENT PROGRAM				Yes																					
O&M	CIS REPLACEMENT PROGRAM	CUSTOMER SERVICES - CIS REPLACEMENT PROGRAM	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	**CIS REPLACEMENT PROGRAM**	**SubTotal CUSTOMER SERVICES - CIS REPLACEMENT PROGRAM**				**Yes**																					

SoCalGas CUSTOMER INFORMATION SYSTEM REPLACEMENT PROGRAM O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Safety, Reliability, or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status	Status Variance Explanation Required?
O&M	CUSTOMER INFORMATION SYSTEM REPLACEMENT PROGRAM	CUSTOMER INFORMATION SYSTEM REPLACEMENT PROGRAM				Yes										
O&M	CIS REPLACEMENT PROGRAM	CUSTOMER SERVICES - CIS REPLACEMENT PROGRAM	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
O&M	**CIS REPLACEMENT PROGRAM**	**SubTotal CUSTOMER SERVICES - CIS REPLACEMENT PROGRAM**				**Yes**	**NO**	NO	NO							NO

SoCalGas CUSTOMER INFORMATION SYSTEM REPLACEMENT PROGRAM O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Status Variance Explanation	WP Activity Description	2024 GRC Testimony Location
O&M	CUSTOMER INFORMATION SYSTEM REPLACEMENT PROGRAM	CUSTOMER INFORMATION SYSTEM REPLACEMENT PROGRAM				Yes			
O&M	CIS REPLACEMENT PROGRAM	CUSTOMER SERVICES - CIS REPLACEMENT PROGRAM	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**CIS REPLACEMENT PROGRAM**	**SubTotal CUSTOMER SERVICES - CIS REPLACEMENT PROGRAM**				**Yes**			

SoCalGas CUSTOMER SERVICES - FIELD AND ADVANCED METER OPERATIONS O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date ($)
O&M	**CUSTOMER SERVICES - FIELD AND ADVANCED METER OPERATIONS**	**CUSTOMER SERVICES - FIELD AND ADVANCED METER OPERATIONS**				**Yes**			**202,196**	**—**	**—**	**—**	**202,198**	**213,221**	**219,615**	**226,269**	**232,993**	**232,223**
O&M	CS - FIELD & ADVANCED METER OPERATIONS	CUSTOMER SERVICES - ADVANCED METER OPERATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	8,869	—	—	—	8,869	15,572	16,039	16,520	17,016	15,572
O&M	CS - FIELD & ADVANCED METER OPERATIONS	CUSTOMER SERVICES - ADVANCED METER OPERATIONS	Incident Related to the Medium Pressure System (Excluding Dig-in)	DCU/Pole Inspections	Meter and Beyond the Meter	No	On-going	Annual	194	—	—	—	194	318	328	338	348	318
O&M	**CS - FIELD & ADVANCED METER OPERATIONS**	**SubTotal CUSTOMER SERVICES - ADVANCED METER OPERATIONS**				**Yes**			**9,064**	**—**	**—**	**—**	**9,064**	**15,890**	**16,367**	**16,858**	**17,364**	**15,890**
O&M	CS - FIELD & ADVANCED METER OPERATIONS	CUSTOMER SERVICES - DISPATCH	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	15,891	—	—	—	15,891	14,365	14,796	15,240	15,697	14,365
O&M	**CS - FIELD & ADVANCED METER OPERATIONS**	**SubTotal CUSTOMER SERVICES - DISPATCH**				**Yes**			**15,891**	**—**	**—**	**—**	**15,891**	**14,365**	**14,796**	**15,240**	**15,697**	**14,365**
O&M	CS - FIELD & ADVANCED METER OPERATIONS	CUSTOMER SERVICES - MSA INSPECTION PROGRAM	Incident Related to the Medium Pressure System (Excluding Dig-in)	Meter Set Assembly (MSA) Inspection Program	Meter and Beyond the Meter	No	On-going	Annual	24,241	—	—	—	24,241	28,598	29,456	30,340	31,250	28,598
O&M	**CS - FIELD & ADVANCED METER OPERATIONS**	**SubTotal CUSTOMER SERVICES - MSAINSPECTION PROGRAM**				**Yes**			**24,241**	**—**	**—**	**—**	**24,241**	**28,598**	**29,456**	**30,340**	**31,250**	**28,598**
O&M	CS - FIELD & ADVANCED METER OPERATIONS	CUSTOMER SERVICES - OPERATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	40,781	—	—	—	40,781	36,724	37,826	38,961	40,130	36,724
O&M	CS - FIELD & ADVANCED METER OPERATIONS	CUSTOMER SERVICES - OPERATIONS	Incident Related to the Medium Pressure System (Excluding Dig-in)	Personal Protective Equipment (PPE)	Meter and Beyond the Meter	No	On-going	Annual	758	—	—	—	758	613	631	650	670	613
O&M	CS - FIELD & ADVANCED METER OPERATIONS	CUSTOMER SERVICES - OPERATIONS	Incident Related to the Medium Pressure System (Excluding Dig-in)	Safety Related Field Orders	Meter and Beyond the Meter	No	On-going	Annual	73,014	—	—	—	73,014	81,527	83,973	86,492	89,086	81,527
O&M	CS - FIELD & ADVANCED METER OPERATIONS	CUSTOMER SERVICES - OPERATIONS	Incident Related to the Medium Pressure System (Excluding Dig-in)	Field Employee Skills Training	Meter and Beyond the Meter	No	On-going	Annual	9,327	—	—	—	9,327	6,764	6,967	7,176	7,391	6,764
O&M	**CS - FIELD & ADVANCED METER OPERATIONS**	**SubTotal CUSTOMER SERVICES - OPERATIONS**				**Yes**			**123,881**	**—**	**—**	**—**	**123,881**	**125,628**	**129,397**	**133,279**	**137,277**	**125,628**
O&M	CS - FIELD & ADVANCED METER OPERATIONS	CUSTOMER SERVICES - STAFF MANAGER	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	1,541	—	—	—	1,541	1,789	1,843	1,898	1,955	1,789
O&M	**CS - FIELD & ADVANCED METER OPERATIONS**	**SubTotal CUSTOMER SERVICES - STAFF MANAGER**				**Yes**			**1,541**	**—**	**—**	**—**	**1,541**	**1,789**	**1,843**	**1,898**	**1,955**	**1,789**
O&M	CS - FIELD & ADVANCED METER OPERATIONS	CUSTOMER SERVICES - SUPERVISION	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	15,287	—	—	—	15,287	13,395	13,797	14,211	14,637	13,395
O&M	**CS - FIELD & ADVANCED METER OPERATIONS**	**SubTotal CUSTOMER SERVICES - SUPERVISION**				**Yes**			**15,287**	**—**	**—**	**—**	**15,287**	**13,395**	**13,797**	**14,211**	**14,637**	**13,395**
O&M	CS - FIELD & ADVANCED METER OPERATIONS	CUSTOMER SERVICES - SUPPORT	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	7,216	—	—	—	7,216	8,877	9,144	9,418	9,701	8,877
O&M	CS - FIELD & ADVANCED METER OPERATIONS	CUSTOMER SERVICES - SUPPORT	Incident Related to the Medium Pressure System (Excluding Dig-in)	Staff Employee Skills Training	Meter and Beyond the Meter	No	On-going	Annual	4,414	—	—	—	4,414	3,671	3,781	3,895	4,011	3,671
O&M	CS - FIELD & ADVANCED METER OPERATIONS	CUSTOMER SERVICES - SUPPORT	Incident Related to the Medium Pressure System (Excluding Dig-in)	Quality Assurance	Meter and Beyond the Meter	No	On-going	Annual	863	—	—	—	863	1,008	1,038	1,069	1,101	1,008
O&M	**CS - FIELD & ADVANCED METER OPERATIONS**	**SubTotal CUSTOMER SERVICES - SUPPORT**				**Yes**			**12,493**	**—**	**—**	**—**	**12,493**	**13,556**	**13,963**	**14,382**	**14,813**	**13,556**

SoCalGas CUSTOMER SERVICES - FIELD AND ADVANCED METER OPERATIONS O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference ($)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
O&M	CUSTOMER SERVICES - FIELD AND ADVANCED METER OPERATIONS	CUSTOMER SERVICES - FIELD AND ADVANCED METER OPERATIONS				Yes	(10,823)	(219,619)	(236,208)	(232,930)	(10,823)	-5%	-100%	-100%	-100%	-8%
O&M	CS - FIELD & ADVANCED METER OPERATIONS	CUSTOMER SERVICES - ADVANCED METER OPERATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	(6,703)	(16,039)	(16,520)	(17,016)	(6,703)	-43%	-100%	-100%	-100%	-43%
O&M	CS - FIELD & ADVANCED METER OPERATIONS	CUSTOMER SERVICES - ADVANCED METER OPERATIONS	Incident Related to the Medium Pressure System (Excluding Dig-in)	DCU/Pole Inspections	Meter and Beyond the Meter	No	(124)	(328)	(338)	(348)	(124)	-39%	-100%	-100%	-100%	-39%
O&M	**CS - FIELD & ADVANCED METER OPERATIONS**	**SubTotal CUSTOMER SERVICES - ADVANCED METER OPERATIONS**				**Yes**	**(6,826)**	**(16,367)**	**(16,858)**	**(17,364)**	**(6,826)**	**-43%**	**-100%**	**-100%**	**-100%**	**-43%**
O&M	CS - FIELD & ADVANCED METER OPERATIONS	CUSTOMER SERVICES - DISPATCH	Non-RAMP	Non-RAMP	Non-RAMP	No	1,526	(14,596)	(15,240)	(15,697)	1,526	11%	-100%	-100%	-100%	11%
O&M	**CS - FIELD & ADVANCED METER OPERATIONS**	**SubTotal CUSTOMER SERVICES - DISPATCH**				**Yes**	**1,526**	**(14,596)**	**(15,240)**	**(15,697)**	**1,526**	**11%**	**-100%**	**-100%**	**-100%**	**11%**
O&M	CS - FIELD & ADVANCED METER OPERATIONS	CUSTOMER SERVICES - MSA INSPECTION PROGRAM	Incident Related to the Medium Pressure System (Excluding Dig-in)	Meter Set Assembly (MSA) Inspection Program	Meter and Beyond the Meter	No	(4,357)	(29,456)	(30,340)	(31,250)	(4,357)	-15%	-100%	-100%	-100%	-15%
O&M	**CS - FIELD & ADVANCED METER OPERATIONS**	**SubTotal CUSTOMER SERVICES - MSAINSPECTION PROGRAM**				**Yes**	**(4,357)**	**(29,456)**	**(30,340)**	**(31,250)**	**(4,357)**	**-15%**	**-100%**	**-100%**	**-100%**	**-15%**
O&M	CS - FIELD & ADVANCED METER OPERATIONS	CUSTOMER SERVICES - OPERATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	4,057	(37,826)	(38,961)	(40,130)	4,057	11%	-100%	-100%	-100%	11%
O&M	CS - FIELD & ADVANCED METER OPERATIONS	CUSTOMER SERVICES - OPERATIONS	Incident Related to the Medium Pressure System (Excluding Dig-in)	Personal Protective Equipment (PPE)	Meter and Beyond the Meter	No	145	(631)	(650)	(670)	145	24%	-100%	-100%	-100%	24%
O&M	CS - FIELD & ADVANCED METER OPERATIONS	CUSTOMER SERVICES - OPERATIONS	Incident Related to the Medium Pressure System (Excluding Dig-in)	Safety Related Field Orders	Meter and Beyond the Meter	No	(8,513)	(83,973)	(86,492)	(89,086)	(8,513)	-10%	-100%	-100%	-100%	-10%
O&M	CS - FIELD & ADVANCED METER OPERATIONS	CUSTOMER SERVICES - OPERATIONS	Incident Related to the Medium Pressure System (Excluding Dig-in)	Field Employee Skills Training	Meter and Beyond the Meter	No	2,563	(6,967)	(7,176)	(7,391)	2,563	38%	-100%	-100%	-100%	38%
O&M	**CS - FIELD & ADVANCED METER OPERATIONS**	**SubTotal CUSTOMER SERVICES - OPERATIONS**				**Yes**	**(1,747)**	**(129,397)**	**(133,279)**	**(137,277)**	**(1,747)**	**-1%**	**-100%**	**-100%**	**-100%**	**-1%**
O&M	CS - FIELD & ADVANCED METER OPERATIONS	CUSTOMER SERVICES - STAFF MANAGER	Non-RAMP	Non-RAMP	Non-RAMP	No	(248)	(1,843)	(1,898)	(1,955)	(248)	-14%	-100%	-100%	-100%	-14%
O&M	**CS - FIELD & ADVANCED METER OPERATIONS**	**SubTotal CUSTOMER SERVICES - STAFF MANAGER**				**Yes**	**(248)**	**(1,843)**	**(1,898)**	**(1,955)**	**(248)**	**-14%**	**-100%**	**-100%**	**-100%**	**-14%**
O&M	CS - FIELD & ADVANCED METER OPERATIONS	CUSTOMER SERVICES - SUPERVISION	Non-RAMP	Non-RAMP	Non-RAMP	No	1,892	(13,797)	(14,211)	(14,637)	1,892	14%	-100%	-100%	-100%	14%
O&M	**CS - FIELD & ADVANCED METER OPERATIONS**	**SubTotal CUSTOMER SERVICES - SUPERVISION**				**Yes**	**1,892**	**(13,797)**	**(14,211)**	**(14,637)**	**1,892**	**14%**	**-100%**	**-100%**	**-100%**	**14%**
O&M	CS - FIELD & ADVANCED METER OPERATIONS	CUSTOMER SERVICES - SUPPORT	Non-RAMP	Non-RAMP	Non-RAMP	No	(1,661)	(9,144)	(9,418)	(9,701)	(1,661)	-19%	-100%	-100%	-100%	-19%
O&M	CS - FIELD & ADVANCED METER OPERATIONS	CUSTOMER SERVICES - SUPPORT	Incident Related to the Medium Pressure System (Excluding Dig-in)	Staff Employee Skills Training	Meter and Beyond the Meter	No	743	(3,781)	(3,895)	(4,011)	743	20%	-100%	-100%	-100%	20%
O&M	CS - FIELD & ADVANCED METER OPERATIONS	CUSTOMER SERVICES - SUPPORT	Incident Related to the Medium Pressure System (Excluding Dig-in)	Quality Assurance	Meter and Beyond the Meter	No	(145)	(1,038)	(1,069)	(1,101)	(145)	-14%	-100%	-100%	-100%	-14%
O&M	**CS - FIELD & ADVANCED METER OPERATIONS**	**SubTotal CUSTOMER SERVICES - SUPPORT**				**Yes**	**(1,063)**	**(13,963)**	**(14,382)**	**(14,813)**	**(1,063)**	**-8%**	**-100%**	**-100%**	**-100%**	**-8%**

SoCalGas CUSTOMER SERVICES - FIELD AND ADVANCED METER OPERATIONS O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
O&M	CUSTOMER SERVICES - FIELD AND ADVANCED METER OPERATIONS	CUSTOMER SERVICES - FIELD AND ADVANCED METER OPERATIONS				Yes																					
O&M	CS - FIELD & ADVANCED METER OPERATIONS	CUSTOMER SERVICES - ADVANCED METER OPERATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	FTE	38				38	51				51	(13)	0	0	0	(13)	(26)%	0 %	0 %	0 %	(26)%
O&M	CS - FIELD & ADVANCED METER OPERATIONS	CUSTOMER SERVICES - ADVANCED METER OPERATIONS	Incident Related to the Medium Pressure System (Excluding Dig-in)	DCU/Pole Inspections	Meter and Beyond the Meter	No	DCU/Pole Inspections	4,635				4,635	4,649				4,649	(14)	0	0	0	(14)	(0)%	0 %	0 %	0 %	(0)%
O&M	CS - FIELD & ADVANCED METER OPERATIONS	SubTotal CUSTOMER SERVICES - ADVANCED METER OPERATIONS				Yes																					
O&M	CS - FIELD & ADVANCED METER OPERATIONS	CUSTOMER SERVICES - DISPATCH	Non-RAMP	Non-RAMP	Non-RAMP	No	FTE	134				134	119				119	15	0	0	0	15	12 %	0 %	0 %	0 %	12 %
O&M	CS - FIELD & ADVANCED METER OPERATIONS	SubTotal CUSTOMER SERVICES - DISPATCH				Yes																					
O&M	CS - FIELD & ADVANCED METER OPERATIONS	CUSTOMER SERVICES - MSA INSPECTION PROGRAM	Incident Related to the Medium Pressure System (Excluding Dig-in)	Meter Set Assembly (MSA) Inspection Program	Meter and Beyond the Meter	No	Orders	2,638,940				2,638,940	2,768,367				2,768,367	(129,427)	0	0	0	(129,427)	(5)%	0 %	0 %	0 %	(5)%
O&M	CS - FIELD & ADVANCED METER OPERATIONS	SubTotal CUSTOMER SERVICES - MSAINSPECTION PROGRAM				Yes																					
O&M	CS - FIELD & ADVANCED METER OPERATIONS	CUSTOMER SERVICES - OPERATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	FTE	1,010				1,010	1,152				1,152	(141)	0	0	0	(141)	(12)%	0 %	0 %	0 %	(12)%
O&M	CS - FIELD & ADVANCED METER OPERATIONS	CUSTOMER SERVICES - OPERATIONS	Incident Related to the Medium Pressure System (Excluding Dig-in)	Personal Protective Equipment (PPE)	Meter and Beyond the Meter	No	FTE	1,108				1,108	1,054				1,054	54	0	0	0	54	5 %	0 %	0 %	0 %	5 %
O&M	CS - FIELD & ADVANCED METER OPERATIONS	CUSTOMER SERVICES - OPERATIONS	Incident Related to the Medium Pressure System (Excluding Dig-in)	Safety Related Field Orders	Meter and Beyond the Meter	No	Orders	1,130,877				1,130,877	1,322,015				1,322,015	(191,138)	0	0	0	(191,138)	(14)%	0 %	0 %	0 %	(14)%
O&M	CS - FIELD & ADVANCED METER OPERATIONS	CUSTOMER SERVICES - OPERATIONS	Incident Related to the Medium Pressure System (Excluding Dig-in)	Field Employee Skills Training	Meter and Beyond the Meter	No	FTE	90				90	66				66	24	0	0	0	24	37 %	0 %	0 %	0 %	37 %
O&M	CS - FIELD & ADVANCED METER OPERATIONS	SubTotal CUSTOMER SERVICES - OPERATIONS				Yes																					
O&M	CS - FIELD & ADVANCED METER OPERATIONS	CUSTOMER SERVICES - STAFF MANAGER	Non-RAMP	Non-RAMP	Non-RAMP	No	FTE	11				11	14				14	(3)	0	0	0	(3)	(19)%	0 %	0 %	0 %	(19)%
O&M	CS - FIELD & ADVANCED METER OPERATIONS	SubTotal CUSTOMER SERVICES - STAFF MANAGER				Yes																					
O&M	CS - FIELD & ADVANCED METER OPERATIONS	CUSTOMER SERVICES - SUPERVISION	Non-RAMP	Non-RAMP	Non-RAMP	No	FTE	118				118	103				103	15	0	0	0	15	15 %	0 %	0 %	0 %	15 %
O&M	CS - FIELD & ADVANCED METER OPERATIONS	SubTotal CUSTOMER SERVICES - SUPERVISION				Yes																					
O&M	CS - FIELD & ADVANCED METER OPERATIONS	CUSTOMER SERVICES - SUPPORT	Non-RAMP	Non-RAMP	Non-RAMP	No	FTE	58				58	73				73	(15)	0	0	0	(15)	(20)%	0 %	0 %	0 %	(20)%
O&M	CS - FIELD & ADVANCED METER OPERATIONS	CUSTOMER SERVICES - SUPPORT	Incident Related to the Medium Pressure System (Excluding Dig-in)	Staff Employee Skills Training	Meter and Beyond the Meter	No	FTE	33				33	31				31	2	0	0	0	2	7 %	0 %	0 %	0 %	7 %
O&M	CS - FIELD & ADVANCED METER OPERATIONS	CUSTOMER SERVICES - SUPPORT	Incident Related to the Medium Pressure System (Excluding Dig-in)	Quality Assurance	Meter and Beyond the Meter	No	FTE	7				7	9				9	(2)	0	0	0	(2)	(18)%	0 %	0 %	0 %	(18)%
O&M	CS - FIELD & ADVANCED METER OPERATIONS	SubTotal CUSTOMER SERVICES - SUPPORT				Yes																					

SoCalGas CUSTOMER SERVICES - FIELD AND ADVANCED METER OPERATIONS O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Safety, Reliability, or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status	Status Variance Explanation Required?
O&M	CUSTOMER SERVICES - FIELD AND ADVANCED METER OPERATIONS	CUSTOMER SERVICES - FIELD AND ADVANCED METER OPERATIONS				Yes										
O&M	CS - FIELD & ADVANCED METER OPERATIONS	CUSTOMER SERVICES - ADVANCED METER OPERATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	YES	YES	$4.45 million authorized for 2024 to cover the Warranty for Meter Transmission Units installed in 2014. The cash payment for this warranty was made in 2024, and is accounted for as a prepaid expense, leading to a temporary variance due to timing differences between actual cash payment and the expense being recorded. Since this Warranty covers 3 years, the expense will be recognized and reported over a 3 year period beginning in 2029.	FTE variance is due to timing of staffing levels and realignment due to implementation of the PACER WFM Replacement project SCG-21-CWP.00754AK workpaper.	On Target (T)	Under (U)	Under (U)	Proceeding as Planned	NO
O&M	CS - FIELD & ADVANCED METER OPERATIONS	CUSTOMER SERVICES - ADVANCED METER OPERATIONS	Incident Related to the Medium Pressure System (Excluding Dig-in)	DCU/Pole Inspections	Meter and Beyond the Meter	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	Under (U)	Proceeding as Planned	NO
O&M	**CS - FIELD & ADVANCED METER OPERATIONS**	**SubTotal CUSTOMER SERVICES - ADVANCED METER OPERATIONS**				**Yes**	**YES**	**YES**								**NO**
O&M	CS - FIELD & ADVANCED METER OPERATIONS	CUSTOMER SERVICES - DISPATCH	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**CS - FIELD & ADVANCED METER OPERATIONS**	**SubTotal CUSTOMER SERVICES - DISPATCH**				**Yes**	**YES**	**NO**								**NO**
O&M	CS - FIELD & ADVANCED METER OPERATIONS	CUSTOMER SERVICES - MSA INSPECTION PROGRAM	Incident Related to the Medium Pressure System (Excluding Dig-in)	Meter Set Assembly (MSA) Inspection Program	Meter and Beyond the Meter	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**CS - FIELD & ADVANCED METER OPERATIONS**	**SubTotal CUSTOMER SERVICES - MSAINSPECTION PROGRAM**				**Yes**	**YES**	**NO**								**NO**
O&M	CS - FIELD & ADVANCED METER OPERATIONS	CUSTOMER SERVICES - OPERATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	CS - FIELD & ADVANCED METER OPERATIONS	CUSTOMER SERVICES - OPERATIONS	Incident Related to the Medium Pressure System (Excluding Dig-in)	Personal Protective Equipment (PPE)	Meter and Beyond the Meter	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	CS - FIELD & ADVANCED METER OPERATIONS	CUSTOMER SERVICES - OPERATIONS	Incident Related to the Medium Pressure System (Excluding Dig-in)	Safety Related Field Orders	Meter and Beyond the Meter	No	YES	YES	NO	A decrease in orders for Other Appliances (Appliance Safety Checks) can be attributed in part to limited collection-related re-ontions and a reduction in seasonal orders due to the mild winter.	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	CS - FIELD & ADVANCED METER OPERATIONS	CUSTOMER SERVICES - OPERATIONS	Incident Related to the Medium Pressure System (Excluding Dig-in)	Field Employee Skills Training	Meter and Beyond the Meter	No	YES	YES	YES	Increased level of field/safety training at the district level due to gas leak equipment/policy changes, enhanced hands-on training, management of change regarding dispatch and workforce management process.	Increased level of field/safety training at the district level due to gas leak equipment/policy changes, enhanced hands-on training, management of change regarding dispatch and workforce management process.	On Target (T)	On Target (T)	Over (O)	Proceeding as Planned	NO
O&M	**CS - FIELD & ADVANCED METER OPERATIONS**	**SubTotal CUSTOMER SERVICES - OPERATIONS**				**Yes**	**YES**	**NO**								**NO**
O&M	CS - FIELD & ADVANCED METER OPERATIONS	CUSTOMER SERVICES - STAFF MANAGER	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**CS - FIELD & ADVANCED METER OPERATIONS**	**SubTotal CUSTOMER SERVICES - STAFF MANAGER**				**Yes**	**YES**	**NO**								**NO**
O&M	CS - FIELD & ADVANCED METER OPERATIONS	CUSTOMER SERVICES - SUPERVISION	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**CS - FIELD & ADVANCED METER OPERATIONS**	**SubTotal CUSTOMER SERVICES - SUPERVISION**				**Yes**	**YES**	**NO**								**NO**
O&M	CS - FIELD & ADVANCED METER OPERATIONS	CUSTOMER SERVICES - SUPPORT	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	YES	N/A	Unit variance is mainly due to timing of staffing levels and realignment of work to other activities within this same witness area.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	CS - FIELD & ADVANCED METER OPERATIONS	CUSTOMER SERVICES - SUPPORT	Incident Related to the Medium Pressure System (Excluding Dig-in)	Staff Employee Skills Training	Meter and Beyond the Meter	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	CS - FIELD & ADVANCED METER OPERATIONS	CUSTOMER SERVICES - SUPPORT	Incident Related to the Medium Pressure System (Excluding Dig-in)	Quality Assurance	Meter and Beyond the Meter	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**CS - FIELD & ADVANCED METER OPERATIONS**	**SubTotal CUSTOMER SERVICES - SUPPORT**				**Yes**	**YES**	**NO**								**NO**

SoCalGas CUSTOMER SERVICES - FIELD AND ADVANCED METER OPERATIONS O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Status Variance Explanation	WP Activity Description	2024 GRC Testimony Location
O&M	CUSTOMER SERVICES - FIELD AND ADVANCED METER OPERATIONS	CUSTOMER SERVICES - FIELD AND ADVANCED METER OPERATIONS				Yes			
O&M	CS - FIELD & ADVANCED METER OPERATIONS	CUSTOMER SERVICES - ADVANCED METER OPERATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A	The AMO group is made up of two subgroups: (i) Network Management (ii) Network (DCU) Maintenance and Construction. AMO labor activities include: (1) Management and maintenance of AM systems, (2) Management and back-office analysis of Data Collection Units (DCU), (3) Management of construction, field inspection and replacement of DCUs, and (4) Management of Meter Transmission Units (MTU), back-office analysis of MTUs and forecast of MTU investigations and field visits by CSF Operations technicians to support accurate and timely AMI reads.	SCG-14-R DIR-31 to DIR-42 WP 2FC006.000
O&M	CS - FIELD & ADVANCED METER OPERATIONS	CUSTOMER SERVICES - ADVANCED METER OPERATIONS	Incident Related to the Medium Pressure System (Excluding Dig-in)	DCU/Pole Inspections	Meter and Beyond the Meter	No	N/A		
O&M	**CS - FIELD & ADVANCED METER OPERATIONS**	**SubTotal CUSTOMER SERVICES - ADVANCED METER OPERATIONS**				Yes			
O&M	CS - FIELD & ADVANCED METER OPERATIONS	CUSTOMER SERVICES - DISPATCH	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
O&M	**CS - FIELD & ADVANCED METER OPERATIONS**	**SubTotal CUSTOMER SERVICES - DISPATCH**				Yes			
O&M	CS - FIELD & ADVANCED METER OPERATIONS	CUSTOMER SERVICES - MSA INSPECTION PROGRAM	Incident Related to the Medium Pressure System (Excluding Dig-in)	Meter Set Assembly (MSA) Inspection Program	Meter and Beyond the Meter	No	N/A		
O&M	**CS - FIELD & ADVANCED METER OPERATIONS**	**SubTotal CUSTOMER SERVICES - MSA INSPECTION PROGRAM**				Yes			
O&M	CS - FIELD & ADVANCED METER OPERATIONS	CUSTOMER SERVICES - OPERATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
O&M	CS - FIELD & ADVANCED METER OPERATIONS	CUSTOMER SERVICES - OPERATIONS	Incident Related to the Medium Pressure System (Excluding Dig-in)	Personal Protective Equipment (PPE)	Meter and Beyond the Meter	No	N/A		
O&M	CS - FIELD & ADVANCED METER OPERATIONS	CUSTOMER SERVICES - OPERATIONS	Incident Related to the Medium Pressure System (Excluding Dig-in)	Safety Related Field Orders	Meter and Beyond the Meter	No	N/A	Field service technicians respond to customer orders taken by the Customer Contact Center (CCC). They are trained to address safety hazards on customer premises in order to maintain safe operations of Company facilities. Some of these customer requests are safety related, such as checking appliances for safe and proper operation upon move in or by customer request. In addition, all customer calls about gas leaks, both hazardous and non-hazardous, are dispatched to a qualified field service technician to perform a gas leak investigation. SoCalGas makes every attempt to respond to the highest priority gas leak orders within 30 minutes during regular hours, which is 7am to 5pm Monday through Saturday (excluding holidays), and 45 minutes during other hours.	SCG-14-R DIR-16 to DIR-18 WP 2FC001.000
O&M	CS - FIELD & ADVANCED METER OPERATIONS	CUSTOMER SERVICES - OPERATIONS	Incident Related to the Medium Pressure System (Excluding Dig-in)	Field Employee Skills Training	Meter and Beyond the Meter	No	N/A	Training is an integral part of how SoCalGas mitigates the Medium Pressure Incident risk. Medium pressure systems use a series of mains (pipes with larger diameter) to feed service lines, regulator stations, meters, and other appurtenance piping. Service lines are smaller diameter pipes that feed customer homes, businesses, and some commercial applications. Medium pressure pipelines are made of steel or plastic material. SoCalGas currently operates approximately 100,000 miles of medium pressure mains and services. These medium pressure pipelines serve over 21.8 million SoCalGas consumers. The Medium Pressure Incident risk focuses on risk events that result in serious injuries, fatalities, or significant impact to the infrastructure. All field service technicians must complete and pass formal skills training. This training includes classroom and situational field exercises to educate employees on safety processes and procedures to perform work in a manner that meets all applicable rules and regulations. Service technicians do not work orders on their own until they are fully trained to do their jobs adequately and safely. Once field service employees successfully pass formal training and demonstrate an understanding of their job duties during field observations, they are permitted to work orders on their own.	SCG-14-R DIR-16 to DIR-18 WP 2FC001.000
O&M	**CS - FIELD & ADVANCED METER OPERATIONS**	**SubTotal CUSTOMER SERVICES - OPERATIONS**				Yes			
O&M	CS - FIELD & ADVANCED METER OPERATIONS	CUSTOMER SERVICES - STAFF MANAGER	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
O&M	**CS - FIELD & ADVANCED METER OPERATIONS**	**SubTotal CUSTOMER SERVICES - STAFF MANAGER**				Yes			
O&M	CS - FIELD & ADVANCED METER OPERATIONS	CUSTOMER SERVICES - SUPERVISION	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
O&M	**CS - FIELD & ADVANCED METER OPERATIONS**	**SubTotal CUSTOMER SERVICES - SUPERVISION**				Yes			
O&M	CS - FIELD & ADVANCED METER OPERATIONS	CUSTOMER SERVICES - SUPPORT	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A	The CSF Support Non-RAMP cost category includes: (1) District operations clerks who are located at field operating bases; (2) region and district management; (3) administrative associates; and (4) clerical.	SCG-14-R DIR-24 to DIR-27 WP 2FC003.000
O&M	CS - FIELD & ADVANCED METER OPERATIONS	CUSTOMER SERVICES - SUPPORT	Incident Related to the Medium Pressure System (Excluding Dig-in)	Staff Employee Skills Training	Meter and Beyond the Meter	No	N/A		
O&M	CS - FIELD & ADVANCED METER OPERATIONS	CUSTOMER SERVICES - SUPPORT	Incident Related to the Medium Pressure System (Excluding Dig-in)	Quality Assurance	Meter and Beyond the Meter	No	N/A		
O&M	**CS - FIELD & ADVANCED METER OPERATIONS**	**SubTotal CUSTOMER SERVICES - SUPPORT**				Yes			

SoCalGas CUSTOMER SERVICES - OFFICE OPERATIONS O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date ($)
O&M	CUSTOMER SERVICES - OFFICE OPERATIONS	CUSTOMER SERVICES - OFFICE OPERATIONS				Yes			91,040	---	---	---	91,040	92,063	94,827	97,673	100,603	92,063
O&M	CS - OFFICE OPERATIONS	BILLING SERVICES	Non-RAMP	Non-RAMP	Non-RAMP	No			5,609	---	---	---	5,609	5,761	5,934	6,112	6,295	5,761
O&M	**CS - OFFICE OPERATIONS**	**SubTotal BILLING SERVICES**				**Yes**			**5,609**	---	---	---	**5,609**	**5,761**	**5,934**	**6,112**	**6,295**	**5,761**
O&M	CS - OFFICE OPERATIONS	BRANCH OFFICES	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	10,952	---	---	---	10,952	11,729	12,081	12,443	12,817	11,729
O&M	CS - OFFICE OPERATIONS	BRANCH OFFICES	Incident Involving an Employee	Workplace Violence Prevention Programs	Non-vehicle Incident	No	On-going	Annual	150	---	---	---	150	156	161	166	171	156
O&M	CS - OFFICE OPERATIONS	BRANCH OFFICES	Physical Security	Contract Security	N/A	No	On-going	Annual	225	---	---	---	225	234	241	248	255	234
O&M	**CS - OFFICE OPERATIONS**	**SubTotal BRANCH OFFICES**				**Yes**			**11,327**	**---**	**---**	**---**	**11,327**	**12,119**	**12,483**	**12,857**	**13,243**	**12,119**
O&M	CS - OFFICE OPERATIONS	CCC - OPERATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	23,057	---	---	---	23,057	23,865	24,581	25,319	26,079	23,865
O&M	CS - OFFICE OPERATIONS	CCC - OPERATIONS	Incident Related to fire Medium Pressure System (Excluding Dig-in)	Emergency Calls	Meter and Beyond the Meter	No	On-going	Annual	3,519	---	---	---	3,519	3,306	3,405	3,507	3,612	3,306
O&M	**CS - OFFICE OPERATIONS**	**SubTotal CCC - OPERATIONS**				**Yes**			**26,576**	**---**	**---**	**---**	**26,576**	**27,171**	**27,986**	**28,826**	**29,691**	**27,171**
O&M	CS - OFFICE OPERATIONS	CCC - SUPPORT	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	9,210	---	---	---	9,210	10,035	10,336	10,646	10,965	10,035
O&M	**CS - OFFICE OPERATIONS**	**SubTotal CCC - SUPPORT**				**Yes**			**9,210**	**---**	**---**	**---**	**9,210**	**10,035**	**10,336**	**10,646**	**10,965**	**10,035**
O&M	CS - OFFICE OPERATIONS	CREDIT AND COLLECTIONS	Non-RAMP	Non-RAMP	Non-RAMP	No			5,749	---	---	---	5,749	6,091	6,274	6,462	6,656	6,091
O&M	**CS - OFFICE OPERATIONS**	**SubTotal CREDIT AND COLLECTIONS**				**Yes**			**5,749**	**---**	**---**	**---**	**5,749**	**6,091**	**6,274**	**6,462**	**6,656**	**6,091**
O&M	CS - OFFICE OPERATIONS	CREDIT AND COLLECTIONS POSTAGE	Non-RAMP	Non-RAMP	Non-RAMP	No			987	---	---	---	987	874	900	927	955	874
O&M	**CS - OFFICE OPERATIONS**	**SubTotal CREDIT AND COLLECTIONS POSTAGE**				**Yes**			**987**	**---**	**---**	**---**	**987**	**874**	**900**	**927**	**955**	**874**
O&M	CS - OFFICE OPERATIONS	CUSTOMER SERVICE OTHER OFFICE OPERATIONS AND TECHNOLOGY	Non-RAMP	Non-RAMP	Non-RAMP	No			4,902	---	---	---	4,902	6,893	7,100	7,313	7,532	6,893
O&M	**CS - OFFICE OPERATIONS**	**SubTotal CUSTOMER SERVICE OTHER OFFICE OPERATIONS AND TECHNOLOGY**				**Yes**			**4,902**	**---**	**---**	**---**	**4,902**	**6,893**	**7,100**	**7,313**	**7,532**	**6,893**
O&M	CS - OFFICE OPERATIONS	MANAGER OF REMITTANCE PROCESSING	Non-RAMP	Non-RAMP	Non-RAMP	No			414	---	---	---	414	551	568	585	603	551
O&M	**CS - OFFICE OPERATIONS**	**SubTotal MANAGER OF REMITTANCE PROCESSING**				**Yes**			**414**	**---**	**---**	**---**	**414**	**551**	**568**	**585**	**603**	**551**
O&M	CS - OFFICE OPERATIONS	MEASUREMENT DATA OPS (MDO)	Non-RAMP	Non-RAMP	Non-RAMP	No			1,072	---	---	---	1,072	1,222	1,259	1,297	1,336	1,222
O&M	**CS - OFFICE OPERATIONS**	**SubTotal MEASUREMENT DATA OPS (MDO)**				**Yes**			**1,072**	**---**	**---**	**---**	**1,072**	**1,222**	**1,259**	**1,297**	**1,336**	**1,222**
O&M	CS - OFFICE OPERATIONS	PAYMENT PROCESSING	Non-RAMP	Non-RAMP	Non-RAMP	No			3,352	---	---	---	3,352	4,258	4,386	4,518	4,654	4,258
O&M	**CS - OFFICE OPERATIONS**	**SubTotal PAYMENT PROCESSING**				**Yes**			**3,352**	**---**	**---**	**---**	**3,352**	**4,258**	**4,386**	**4,518**	**4,654**	**4,258**
O&M	CS - OFFICE OPERATIONS	REMITTANCE PROCESSING	Non-RAMP	Non-RAMP	Non-RAMP	No			7,583	---	---	---	7,583	6,490	6,685	6,886	7,093	6,490
O&M	**CS - OFFICE OPERATIONS**	**SubTotal REMITTANCE PROCESSING**				**Yes**			**7,583**	**---**	**---**	**---**	**7,583**	**6,490**	**6,685**	**6,886**	**7,093**	**6,490**
O&M	CS - OFFICE OPERATIONS	REMITTANCE PROCESSING POSTAGE	Non-RAMP	Non-RAMP	Non-RAMP	No			14,133	---	---	---	14,133	10,598	10,916	11,243	11,580	10,598
O&M	**CS - OFFICE OPERATIONS**	**SubTotal REMITTANCE PROCESSING POSTAGE**				**Yes**			**14,133**	**---**	**---**	**---**	**14,133**	**10,598**	**10,916**	**11,243**	**11,580**	**10,598**

SoCalGas CUSTOMER SERVICES - OFFICE OPERATIONS O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference ($)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
O&M	CUSTOMER SERVICES - OFFICE OPERATIONS	CUSTOMER SERVICES - OFFICE OPERATIONS				Yes	(1,860)	(94,827)	(97,672)	(100,603)	(1,860)	-1%	-100%	-100%	-100%	-1%
O&M	CS - OFFICE OPERATIONS	BILLING SERVICES	Non-RAMP	Non-RAMP	Non-RAMP	No	(92)	(5,934)	(6,112)	(6,295)	(92)	-2%	-100%	-100%	-100%	-2%
O&M	**CS - OFFICE OPERATIONS**	**SubTotal BILLING SERVICES**				**Yes**	**(92)**	**(5,934)**	**(6,112)**	**(6,295)**	**(92)**	**-2%**	**-100%**	**-100%**	**-100%**	**-2%**
O&M	CS - OFFICE OPERATIONS	BRANCH OFFICES	Non-RAMP	Non-RAMP	Non-RAMP	No	(777)	(12,081)	(12,443)	(12,817)	(777)	-7%	-100%	-100%	-100%	-7%
O&M	CS - OFFICE OPERATIONS	BRANCH OFFICES	Incident Involving an Employee	Workplace Violence Prevention Programs	Non-vehicle Incident	No	(6)	(161)	(166)	(171)	(6)	-4%	-100%	-100%	-100%	-4%
O&M	CS - OFFICE OPERATIONS	BRANCH OFFICES	Physical Security	Contract Security	N/A	No	(9)	(241)	(248)	(255)	(9)	-4%	-100%	-100%	-100%	-4%
O&M	**CS - OFFICE OPERATIONS**	**SubTotal BRANCH OFFICES**				**Yes**	**(792)**	**(12,483)**	**(12,857)**	**(13,243)**	**(792)**	**-7%**	**-100%**	**-100%**	**-100%**	**-7%**
O&M	CS - OFFICE OPERATIONS	CCC - OPERATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	(808)	(24,581)	(25,319)	(26,079)	(808)	-3%	-100%	-100%	-100%	-3%
O&M	CS - OFFICE OPERATIONS	CCC - OPERATIONS	Incident Related to the Medium Pressure System (Excluding Dig-in)	Emergency Calls	Meter and Beyond the Meter	No	213	(3,405)	(3,507)	(3,612)	213	6%	-100%	-100%	-100%	6%
O&M	**CS - OFFICE OPERATIONS**	**SubTotal CCC - OPERATIONS**				**Yes**	**(595)**	**(27,986)**	**(28,826)**	**(29,691)**	**(595)**	**-2%**	**-100%**	**-100%**	**-100%**	**-2%**
O&M	CS - OFFICE OPERATIONS	CCC - SUPPORT	Non-RAMP	Non-RAMP	Non-RAMP	No	(825)	(10,336)	(10,646)	(10,965)	(825)	-8%	-100%	-100%	-100%	-8%
O&M	**CS - OFFICE OPERATIONS**	**SubTotal CCC - SUPPORT**				**Yes**	**(825)**	**(10,336)**	**(10,646)**	**(10,965)**	**(825)**	**-8%**	**-100%**	**-100%**	**-100%**	**-8%**
O&M	CS - OFFICE OPERATIONS	CREDIT AND COLLECTIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	(342)	(6,274)	(6,462)	(6,656)	(342)	-6%	-100%	-100%	-100%	-6%
O&M	**CS - OFFICE OPERATIONS**	**SubTotal CREDIT AND COLLECTIONS**				**Yes**	**(342)**	**(6,274)**	**(6,462)**	**(6,656)**	**(342)**	**-6%**	**-100%**	**-100%**	**-100%**	**-6%**
O&M	CS - OFFICE OPERATIONS	CREDIT AND COLLECTIONS POSTAGE	Non-RAMP	Non-RAMP	Non-RAMP	No	113	(900)	(927)	(955)	113	1.3%	-100%	-100%	-100%	1.3%
O&M	**CS - OFFICE OPERATIONS**	**SubTotal CREDIT AND COLLECTIONS POSTAGE**				**Yes**	**113**	**(900)**	**(927)**	**(955)**	**113**	**1.3%**	**-100%**	**-100%**	**-100%**	**1.3%**
O&M	CS - OFFICE OPERATIONS	CUSTOMER SERVICE OTHER OFFICE OPERATIONS AND TECHNOLOGY	Non-RAMP	Non-RAMP	Non-RAMP	No	(1,991)	(7,100)	(7,313)	(7,532)	(1,991)	-2.9%	-100%	-100%	-100%	-2.9%
O&M	**CS - OFFICE OPERATIONS**	**SubTotal CUSTOMER SERVICE OTHER OFFICE OPERATIONS AND TECHNOLOGY**				**Yes**	**(1,991)**	**(7,100)**	**(7,313)**	**(7,532)**	**(1,991)**	**-2.9%**	**-100%**	**-100%**	**-100%**	**-2.9%**
O&M	CS - OFFICE OPERATIONS	MANAGER OF REMITTANCE PROCESSING	Non-RAMP	Non-RAMP	Non-RAMP	No	(107)	(568)	(585)	(603)	(107)	-1.9%	-100%	-100%	-100%	-1.9%
O&M	**CS - OFFICE OPERATIONS**	**SubTotal MANAGER OF REMITTANCE PROCESSING**				**Yes**	**(107)**	**(568)**	**(585)**	**(603)**	**(107)**	**-1.9%**	**-100%**	**-100%**	**-100%**	**-1.9%**
O&M	CS - OFFICE OPERATIONS	MEASUREMENT DATA OPS (MDO)	Non-RAMP	Non-RAMP	Non-RAMP	No	(159)	(1,259)	(1,297)	(1,336)	(159)	-1.2%	-100%	-100%	-100%	-1.2%
O&M	**CS - OFFICE OPERATIONS**	**SubTotal MEASUREMENT DATA OPS (MDO)**				**Yes**	**(159)**	**(1,259)**	**(1,297)**	**(1,336)**	**(159)**	**-1.2%**	**-100%**	**-100%**	**-100%**	**-1.2%**
O&M	CS - OFFICE OPERATIONS	PAYMENT PROCESSING	Non-RAMP	Non-RAMP	Non-RAMP	No	(906)	(4,386)	(4,518)	(4,654)	(906)	-2.1%	-100%	-100%	-100%	-2.1%
O&M	**CS - OFFICE OPERATIONS**	**SubTotal PAYMENT PROCESSING**				**Yes**	**(906)**	**(4,386)**	**(4,518)**	**(4,654)**	**(906)**	**-2.1%**	**-100%**	**-100%**	**-100%**	**-2.1%**
O&M	CS - OFFICE OPERATIONS	REMITTANCE PROCESSING	Non-RAMP	Non-RAMP	Non-RAMP	No	1,093	(6,685)	(6,886)	(7,093)	1,093	1.7%	-100%	-100%	-100%	1.7%
O&M	**CS - OFFICE OPERATIONS**	**SubTotal REMITTANCE PROCESSING**				**Yes**	**1,093**	**(6,685)**	**(6,886)**	**(7,093)**	**1,093**	**1.7%**	**-100%**	**-100%**	**-100%**	**1.7%**
O&M	CS - OFFICE OPERATIONS	REMITTANCE PROCESSING POSTAGE	Non-RAMP	Non-RAMP	Non-RAMP	No	3,535	(10,916)	(11,243)	(11,580)	3,535	3.3%	-100%	-100%	-100%	3.3%
O&M	**CS - OFFICE OPERATIONS**	**SubTotal REMITTANCE PROCESSING POSTAGE**				**Yes**	**3,535**	**(10,916)**	**(11,243)**	**(11,580)**	**3,535**	**3.3%**	**-100%**	**-100%**	**-100%**	**3.3%**

SoCalGas CUSTOMER SERVICES - OFFICE OPERATIONS O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
O&M	CUSTOMER SERVICES - OFFICE OPERATIONS	CUSTOMER SERVICES - OFFICE OPERATIONS				Yes																					
O&M	CS - OFFICE OPERATIONS	BILLING SERVICES	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	**CS - OFFICE OPERATIONS**	**SubTotal BILLING SERVICES**				**Yes**																					
O&M	CS - OFFICE OPERATIONS	BRANCH OFFICES	Non-RAMP	Non-RAMP	Non-RAMP	No	FTE	102				102	105				105	(3)	0	0	0	(3)	(2)%	0 %	0 %	0 %	(2)%
O&M	CS - OFFICE OPERATIONS	BRANCH OFFICES	Incident Involving an Employee	Workplace Violence Prevention Programs	Non-vehicle Incident	No	Security guards	4				4	3				3	1	0	0	0	1	33 %	0 %	0 %	0 %	33 %
O&M	CS - OFFICE OPERATIONS	BRANCH OFFICES	Physical Security	Contract Security	N/A	No	Security guards	6				6	5				5	1	0	0	0	1	20 %	0 %	0 %	0 %	20 %
O&M	**CS - OFFICE OPERATIONS**	**SubTotal BRANCH OFFICES**				**Yes**																					
O&M	CS - OFFICE OPERATIONS	CCC - OPERATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	Non-emergency calls	2,632,115				2,632,115	3,847,210				3,847,210	(1,215,095)	0	0	0	(1,215,095)	(32)%	0 %	0 %	0 %	(32)%
O&M	CS - OFFICE OPERATIONS	CCC - OPERATIONS	Incident Related to fire Medium Pressure System (Excluding Dig-in)	Emergency Calls	Meter and Beyond the Meter	No	Emergency calls	380,221				380,221	517,866				517,866	(137,645)	0	0	0	(137,645)	(27)%	0 %	0 %	0 %	(27)%
O&M	**CS - OFFICE OPERATIONS**	**SubTotal CCC - OPERATIONS**				**Yes**																					
O&M	CS - OFFICE OPERATIONS	CCC - SUPPORT	Non-RAMP	Non-RAMP	Non-RAMP	No	FTE	56				56	58				58	(2)	0	0	0	(2)	(4)%	0 %	0 %	0 %	(4)%
O&M	**CS - OFFICE OPERATIONS**	**SubTotal CCC - SUPPORT**				**Yes**																					
O&M	CS - OFFICE OPERATIONS	CREDIT AND COLLECTIONS	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	**CS - OFFICE OPERATIONS**	**SubTotal CREDIT AND COLLECTIONS**				**Yes**																					
O&M	CS - OFFICE OPERATIONS	CREDIT AND COLLECTIONS POSTAGE	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	**CS - OFFICE OPERATIONS**	**SubTotal CREDIT AND COLLECTIONS POSTAGE**				**Yes**																					
O&M	CS - OFFICE OPERATIONS	CUSTOMER SERVICE OTHER OFFICE OPERATIONS AND TECHNOLOGY	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	**CS - OFFICE OPERATIONS**	**SubTotal CUSTOMER SERVICE OTHER OFFICE OPERATIONS AND TECHNOLOGY**				**Yes**																					
O&M	CS - OFFICE OPERATIONS	MANAGER OF REMITTANCE PROCESSING	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	**CS - OFFICE OPERATIONS**	**SubTotal MANAGER OF REMITTANCE PROCESSING**				**Yes**																					
O&M	CS - OFFICE OPERATIONS	MEASUREMENT DATA OPS (MDO)	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	**CS - OFFICE OPERATIONS**	**SubTotal MEASUREMENT DATA OPS (MDO)**				**Yes**																					
O&M	CS - OFFICE OPERATIONS	PAYMENT PROCESSING	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	**CS - OFFICE OPERATIONS**	**SubTotal PAYMENT PROCESSING**				**Yes**																					
O&M	CS - OFFICE OPERATIONS	REMITTANCE PROCESSING	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	**CS - OFFICE OPERATIONS**	**SubTotal REMITTANCE PROCESSING**				**Yes**																					
O&M	CS - OFFICE OPERATIONS	REMITTANCE PROCESSING POSTAGE	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	**CS - OFFICE OPERATIONS**	**SubTotal REMITTANCE PROCESSING POSTAGE**				**Yes**																					

SoCalGas CUSTOMER SERVICES - OFFICE OPERATIONS O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Safety, Reliability, or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status	Status Variance Explanation Required?
O&M	CUSTOMER SERVICES - OFFICE OPERATIONS	CUSTOMER SERVICES - OFFICE OPERATIONS				Yes										
O&M	CS - OFFICE OPERATIONS	BILLING SERVICES	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
O&M	**CS - OFFICE OPERATIONS**	**SubTotal BILLING SERVICES**				**Yes**	**NO**									
O&M	CS - OFFICE OPERATIONS	BRANCH OFFICES	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	CS - OFFICE OPERATIONS	BRANCH OFFICES	Incident Involving an Employee	Workplace Violence Prevention Programs	Non-vehicle Incident	No	YES	NO	YES	N/A	The variance is due to a temporary increased use of security guards after burglaries at branch offices.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	CS - OFFICE OPERATIONS	BRANCH OFFICES	Physical Security	Contract Security	N/A	No	YES	NO	YES	N/A	The variance is due to a temporary increased use of security guards after burglaries at branch offices.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**CS - OFFICE OPERATIONS**	**SubTotal BRANCH OFFICES**				**Yes**	**YES**	**NO**								**NO**
O&M	CS - OFFICE OPERATIONS	CCC - OPERATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	YES	N/A	Overall decrease in call volume is attributed to reduction in billing, collections, service, turn-on/close, miscellaneous calls and increased customer adoption of self-service channels.	On Target (T)	On Target (T)	Under (U)	Proceeding as Planned	NO
O&M	CS - OFFICE OPERATIONS	CCC - OPERATIONS	Incident Related to the Medium Pressure System (Excluding Dig-in)	Emergency Calls	Meter and Beyond the Meter	No	YES	NO	YES	N/A	Decrease in call volume attributed to mild winter weather conditions.	On Target (T)	On Target (T)	Under (U)	Proceeding as Planned	NO
O&M	**CS - OFFICE OPERATIONS**	**SubTotal CCC - OPERATIONS**				**Yes**	**YES**	**NO**								**NO**
O&M	CS - OFFICE OPERATIONS	CCC - SUPPORT	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**CS - OFFICE OPERATIONS**	**SubTotal CCC - SUPPORT**				**Yes**	**YES**	**NO**								**NO**
O&M	CS - OFFICE OPERATIONS	CREDIT AND COLLECTIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
O&M	**CS - OFFICE OPERATIONS**	**SubTotal CREDIT AND COLLECTIONS**				**Yes**	**NO**									
O&M	CS - OFFICE OPERATIONS	CREDIT AND COLLECTIONS POSTAGE	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
O&M	**CS - OFFICE OPERATIONS**	**SubTotal CREDIT AND COLLECTIONS POSTAGE**				**Yes**	**NO**									
O&M	CS - OFFICE OPERATIONS	CUSTOMER SERVICE OTHER OFFICE OPERATIONS AND TECHNOLOGY	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
O&M	**CS - OFFICE OPERATIONS**	**SubTotal CUSTOMER SERVICE OTHER OFFICE OPERATIONS AND TECHNOLOGY**				**Yes**	**NO**									
O&M	CS - OFFICE OPERATIONS	MANAGER OF REMITTANCE PROCESSING	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
O&M	**CS - OFFICE OPERATIONS**	**SubTotal MANAGER OF REMITTANCE PROCESSING**				**Yes**	**NO**									
O&M	CS - OFFICE OPERATIONS	MEASUREMENT DATA OPS (MDO)	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
O&M	**CS - OFFICE OPERATIONS**	**SubTotal MEASUREMENT DATA OPS (MDO)**				**Yes**	**NO**									
O&M	CS - OFFICE OPERATIONS	PAYMENT PROCESSING	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
O&M	**CS - OFFICE OPERATIONS**	**SubTotal PAYMENT PROCESSING**				**Yes**	**NO**									
O&M	CS - OFFICE OPERATIONS	REMITTANCE PROCESSING	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
O&M	**CS - OFFICE OPERATIONS**	**SubTotal REMITTANCE PROCESSING**				**Yes**	**NO**									
O&M	CS - OFFICE OPERATIONS	REMITTANCE PROCESSING POSTAGE	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
O&M	**CS - OFFICE OPERATIONS**	**SubTotal REMITTANCE PROCESSING POSTAGE**				**Yes**	**NO**									

SoCalGas CUSTOMER SERVICES - OFFICE OPERATIONS O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Status Variance Explanation	WP Activity Description	2024 GRC Testimony Location
O&M	CUSTOMER SERVICES - OFFICE OPERATIONS	CUSTOMER SERVICES - OFFICE OPERATIONS				Yes			
O&M	CS - OFFICE OPERATIONS	BILLING SERVICES	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**CS - OFFICE OPERATIONS**	**SubTotal BILLING SERVICES**				**Yes**			
O&M	CS - OFFICE OPERATIONS	BRANCH OFFICES	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
O&M	CS - OFFICE OPERATIONS	BRANCH OFFICES	Incident Involving an Employee	Workplace Violence Prevention Programs	Non-vehicle Incident	No	N/A	RAMP-related costs for Branch Office locations include costs related to contract security. SoCalGas employs contract security (security guards) to secure and protect assets and people at its Branch Office locations. Security personnel are located at critical facilities and other work locations. Security personnel are used to complement and supplement existing security measures. Security personnel can also provide increased security capabilities as an overt deterrence during security incidents, or emergencies. Security personnel may be deployed permanently at a facility based on criticality, facility population, compliance, etc. or temporarily based on the threat environment, criminal activity, and/or past incidents.	SCG-15-R-2E BMS-16 WP 2OO002.000
O&M	CS - OFFICE OPERATIONS	BRANCH OFFICES	Physical Security	Contract Security	N/A	No	N/A	RAMP-related costs for Branch Office locations include costs related to contract security. SoCalGas employs contract security (security guards) to secure and protect assets and people at its Branch Office locations. Security personnel are located at critical facilities and other work locations. Security personnel are used to complement and supplement existing security measures. Security personnel can also provide increased security capabilities as an overt deterrence during security incidents, or emergencies. Security personnel may be deployed permanently at a facility based on criticality, facility population, compliance, etc. or temporarily based on the threat environment, criminal activity, and/or past incidents.	SCG-15-R-2E BMS-16 WP 2OO002.000
O&M	**CS - OFFICE OPERATIONS**	**SubTotal BRANCH OFFICES**				**Yes**			
O&M	CS - OFFICE OPERATIONS	CCC - OPERATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A	SoCalGas handles over 10 million annual contacts for residential, commercial, and industrial customers through Customer Service Representatives (CSRs) as well as automated self-service systems. CSRs and automated systems are available to handle customer interactions 24 hours per day, 365 days per year. SoCalGas offers multi-lingual communications through its CCCs as well as language translation services through a third-party provider to support the needs of a diverse customer base. The CCC handles a variety of customer service needs with the largest volume of interactions consisting of billing and payment inquiries as well as customer-requested service orders. As described in the RAMP section of my testimony, the CCC is generally the first point of company contact for emergencies; as such it provides a critical support role in the safety of the SoCalGas system and the public's well-being.	SCG-15-R-2E BMS-9 to BMS-13 WP 2OO000.000
O&M	CS - OFFICE OPERATIONS	CCC - OPERATIONS	Incident Related to the Medium Pressure System (Excluding Dig-in)	Emergency Calls	Meter and Beyond the Meter	No	N/A	RAMP-related costs for CCC Operations include costs related to emergency calls. Customers call SoCalGas's CCC to request service for many different reasons, including potential gas leaks and other emergency orders. As it is often the first point of Company contact for emergencies, the CCC provides a critical support role in the safety of the SoCalGas system and the public's well-being. Gas leak calls are given top priority, and customer service representatives are trained to identify the different types of emergencies and manage calls so that appropriate field personnel are sent.	SCG-15-R-2E BMS-11 WP 2OO000.000-
O&M	**CS - OFFICE OPERATIONS**	**SubTotal CCC - OPERATIONS**				**Yes**			
O&M	CS - OFFICE OPERATIONS	CCC - SUPPORT	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**CS - OFFICE OPERATIONS**	**SubTotal CCC - SUPPORT**				**Yes**			
O&M	CS - OFFICE OPERATIONS	CREDIT AND COLLECTIONS	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**CS - OFFICE OPERATIONS**	**SubTotal CREDIT AND COLLECTIONS**				**Yes**			
O&M	CS - OFFICE OPERATIONS	CREDIT AND COLLECTIONS POSTAGE	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**CS - OFFICE OPERATIONS**	**SubTotal CREDIT AND COLLECTIONS POSTAGE**				**Yes**			
O&M	CS - OFFICE OPERATIONS	CUSTOMER SERVICE OTHER OFFICE OPERATIONS AND TECHNOLOGY	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**CS - OFFICE OPERATIONS**	**SubTotal CUSTOMER SERVICE OTHER OFFICE OPERATIONS AND TECHNOLOGY**				**Yes**			
O&M	CS - OFFICE OPERATIONS	MANAGER OF REMITTANCE PROCESSING	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**CS - OFFICE OPERATIONS**	**SubTotal MANAGER OF REMITTANCE PROCESSING**				**Yes**			
O&M	CS - OFFICE OPERATIONS	MEASUREMENT DATA OPS (MDO)	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**CS - OFFICE OPERATIONS**	**SubTotal MEASUREMENT DATA OPS (MDO)**				**Yes**			
O&M	CS - OFFICE OPERATIONS	PAYMENT PROCESSING	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**CS - OFFICE OPERATIONS**	**SubTotal PAYMENT PROCESSING**				**Yes**			
O&M	CS - OFFICE OPERATIONS	REMITTANCE PROCESSING	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**CS - OFFICE OPERATIONS**	**SubTotal REMITTANCE PROCESSING**				**Yes**			
O&M	CS - OFFICE OPERATIONS	REMITTANCE PROCESSING POSTAGE	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**CS - OFFICE OPERATIONS**	**SubTotal REMITTANCE PROCESSING POSTAGE**				**Yes**			

SoCalGas CUSTOMER SERVICES - INFORMATION O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date ($)
O&M	CUSTOMER SERVICES - INFORMATION	CUSTOMER SERVICES - INFORMATION				Yes			31,988	---	---	---	31,988	28,673	29,225	29,154	31,988	28,673
O&M	CS - INFORMATION	CI- CUSTOMER SOLUTIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	9,875	---	---	---	9,875	12,174	12,539	12,915	13,302	12,174
O&M	**CS - INFORMATION**	**SubTotal CI - CUSTOMER SOLUTIONS**				**Yes**			**9,875**	---	---	---	**9,875**	**12,174**	**12,539**	**12,915**	**13,302**	**12,174**
O&M	CS - INFORMATION	CI-CUSTOMER PROGRAMS & ASSISTANCE	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	391	---	---	---	391	633	652	672	692	633
O&M	CS - INFORMATION	CI-CUSTOMER PROGRAMS & ASSISTANCE	Incident Related to the Medium Pressure System (Excluding Dig-in)	Natural Gas Appliance Testing (NGAT)	Mobile and Beyond the Mobile	No	On-going	Annual	1,558	---	---	---	1,558	3,686	3,797	3,910	4,027	3,686
O&M	**CS - INFORMATION**	**SubTotal CI-CUSTOMER PROGRAMS & ASSISTANCE**				**Yes**			**1,949**	---	---	---	**1,949**	**4,319**	**4,449**	**4,582**	**4,719**	**4,319**
O&M	CS - INFORMATION	CI-STRATEGIC COMMUNICATIONS & ENGAGEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	10,084	---	---	---	10,084	11,930	12,288	12,657	13,037	11,930
O&M	**CS - INFORMATION**	**SubTotal CI-STRATEGIC COMMUNICATIONS & ENGAGEMENT**				**Yes**			**10,084**	---	---	---	**10,084**	**11,930**	**12,288**	**12,657**	**13,037**	**11,930**

SoCalGas CUSTOMER SERVICES - INFORMATION O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference ($)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
O&M	CUSTOMER SERVICES - INFORMATION	CUSTOMER SERVICES - INFORMATION				Yes	(6,818)	(29,278)	(30,194)	(31,879)	(6,818)	-21%	-100%	-100%	-100%	-21%
O&M	CS - INFORMATION	CI- CUSTOMER SOLUTIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	(2,299)	(12,539)	(12,915)	(13,302)	(2,299)	-19%	-100%	-100%	-100%	-19%
O&M	**CS - INFORMATION**	**SubTotal CI - CUSTOMER SOLUTIONS**				Yes	**(2,299)**	**(12,539)**	**(12,915)**	**(13,302)**	**(2,299)**	**-19%**	**-100%**	**-100%**	**-100%**	**-19%**
O&M	CS - INFORMATION	CI-CUSTOMER PROGRAMS & ASSISTANCE	Non-RAMP	Non-RAMP	Non-RAMP	No	(240)	(652)	(672)	(692)	(240)	-38%	-100%	-100%	-100%	-38%
O&M	CS - INFORMATION	CI-CUSTOMER PROGRAMS & ASSISTANCE	Incident Related to the Medium Pressure System (Excluding Digs-in)	Natural Gas Appliance Testing (NGAT)	Meter and Beyond the Meter	No	(2,130)	(3,797)	(3,910)	(4,027)	(2,130)	-58%	-100%	-100%	-100%	-58%
O&M	**CS - INFORMATION**	**SubTotal CI-CUSTOMER PROGRAMS & ASSISTANCE**				Yes	**(2,370)**	**(4,449)**	**(4,582)**	**(4,719)**	**(2,370)**	**-58%**	**-100%**	**-100%**	**-100%**	**-58%**
O&M	CS - INFORMATION	CI-STRATEGIC COMMUNICATIONS & ENGAGEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	(1,846)	(12,288)	(12,657)	(13,037)	(1,846)	-15%	-100%	-100%	-100%	-15%
O&M	**CS - INFORMATION**	**SubTotal CI-STRATEGIC COMMUNICATIONS & ENGAGEMENT**				Yes	**(1,846)**	**(12,288)**	**(12,657)**	**(13,037)**	**(1,846)**	**-15%**	**-100%**	**-100%**	**-100%**	**-15%**

SoCalGas CUSTOMER SERVICES - INFORMATION O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
O&M	CUSTOMER SERVICES - INFORMATION	CUSTOMER SERVICES - INFORMATION				Yes																					
O&M	CS - INFORMATION	CI- CUSTOMER SOLUTIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	Customer Energy Solutions area consists of a variety of activities which include: account management and support for large commercial & industrial customers and the energy market segment; outreach and market analysis for small/medium businesses and residential customer segments; negotiated contract assessments and contract management; customer rate analysis; segment demand forecasting; developing program offerings and services in compliance with legislative and regulatory mandates. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																	
O&M	CS - INFORMATION	SubTotal CI - CUSTOMER SOLUTIONS				Yes																					
O&M	CS - INFORMATION	CI-CUSTOMER PROGRAMS & ASSISTANCE	Non-RAMP	Non-RAMP	Non-RAMP	No	Activities administering the Medical Baseline and Gas Assistance Fund programs include outreach, enrollment, processing, customer support, and participant recertification. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																				
O&M	CS - INFORMATION	CI-CUSTOMER PROGRAMS & ASSISTANCE	Incident Related to the Medium Pressure System (Excluding Dig-in)	Natural Gas Appliance Testing (NGAT)	Meter and Beyond the Meter	No	NGATs	38,746				38,746	81,838				81,838	(43,092)	0	0	0	(43,092)	(53)%	0 %	0 %	0 %	(53)%
O&M	CS - INFORMATION	SubTotal CI-CUSTOMER PROGRAMS & ASSISTANCE				Yes																					
O&M	CS - INFORMATION	CI-STRATEGIC COMMUNICATIONS & ENGAGEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	Strategic Communications and Engagement (SC&E) manages internal and external communications and marketing activities such as design, research, compliance, campaigns, and communication events. Activities in this area include: (1) Customer Marketing and Communications: Marketing and communication plans, management of communication campaigns; (2) Creative Services: Graphic design, scheduling and production for various printed and electronic materials such as bill enclosures, brochures, flyers, posters, and newsletters, conducting external outreach events; (3) Customer Insights & Analytics: Primary and secondary customer research such as SoCalGas's Customer Experience Study, customer insight panels, disadvantaged communities and low-income customer research; and (4) Digital Engagement: Management of socalgas.com, mobile, email, SMS text, and new marketing social media. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																				
O&M	CS - INFORMATION	SubTotal CI-STRATEGIC COMMUNICATIONS & ENGAGEMENT				Yes																					

SoCalGas CUSTOMER SERVICES - INFORMATION O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Safety, Reliability, or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status	Status Variance Explanation Required?
O&M	CUSTOMER SERVICES - INFORMATION	CUSTOMER SERVICES - INFORMATION				Yes										
O&M	CS - INFORMATION	CI- CUSTOMER SOLUTIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	Under (U)	Proceeding as Planned	NO
O&M	CS - INFORMATION	SubTotal CI - CUSTOMER SOLUTIONS				Yes	YES	NO								NO
O&M	CS - INFORMATION	CI-CUSTOMER PROGRAMS & ASSISTANCE	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	Under (U)	Proceeding as Planned	NO
O&M	CS - INFORMATION	CI-CUSTOMER PROGRAMS & ASSISTANCE	Incident Related to the Medium Pressure System (Excluding Digs-in)	Natural Gas Appliance Testing (NGAT).	Meter and Beyond the Meter	No	YES	YES	YES	The lower than forecasted spend of Natural Gas Appliance Testing (NGAT) in 2020 was the result of the recent low-income Decision (D.21-06-015) directing a shift in Energy Savings Assistance (ESA) Program priorities from treating numbers of homes to achieving deeper energy savings per home	The lower than forecasted treated homes receiving NGAT in 2020 was the result of the recent low-income Decision (D.21-06-015) directing a shift in ESA Program priorities from treating numbers of homes to achieving deeper energy savings per home	On Target (T)	On Target (T)	Under (U)	Proceeding as Planned	NO
O&M	CS - INFORMATION	SubTotal CI-CUSTOMER PROGRAMS & ASSISTANCE				Yes	YES	YES								NO
O&M	CS - INFORMATION	CI-STRATEGIC COMMUNICATIONS & ENGAGEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	Under (U)	Proceeding as Planned	NO
O&M	CS - INFORMATION	SubTotal CI-STRATEGIC COMMUNICATIONS & ENGAGEMENT				Yes	YES	NO								NO

SoCalGas CUSTOMER SERVICES - INFORMATION O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Status Variance Explanation	WP Activity Description	2024 GRC Testimony Location
O&M	CUSTOMER SERVICES - INFORMATION	CUSTOMER SERVICES - INFORMATION				Yes			
O&M	CS - INFORMATION	CI - CUSTOMER SOLUTIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
O&M	CS - INFORMATION	SubTotal CI - CUSTOMER SOLUTIONS				Yes			
O&M	CS - INFORMATION	CI-CUSTOMER PROGRAMS & ASSISTANCE	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
O&M	CS - INFORMATION	CI-CUSTOMER PROGRAMS & ASSISTANCE	Incident Related to the Medium Pressure System (Excluding Dig-in)	Natural Gas Appliance Testing (NGAT)	Meter and Beyond the Meter	No	N/A	The Customer Assistance Program area covers costs for the administration of assistance programs offered to residential customers with limited income and/or certain medical conditions. These programs include Energy Savings Assistance (ESA) Program Natural Gas Appliance Testing (NGAT), Medical Baseline Program, and the Gas Assistance Fund. ESA Program NGAT or carbon monoxide (CO) testing is a safety-related program for Customer Assistance's ESA Program participants. SoCalGas conducts CO testing on homes weatherized through the ESA Program in accordance with the ESA Program California Installation Standards Manual and the Statewide ESA Program Policy and Procedures Manual.	SCG-16-2E BCP-30 to BCP-34 WP ZRNOH3D0
O&M	CS - INFORMATION	SubTotal CI-CUSTOMER PROGRAMS & ASSISTANCE				Yes			
O&M	CS - INFORMATION	CI-STRATEGIC COMMUNICATIONS & ENGAGEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
O&M	CS - INFORMATION	SubTotal CI-STRATEGIC COMMUNICATIONS & ENGAGEMENT				Yes			

SoCalGas CLEAN ENERGY INNOVATIONS O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date ($)
O&M	CLEAN ENERGY INNOVATIONS	CLEAN ENERGY INNOVATIONS				Yes			6,453	—	—	—	6,453	7,177	7,527	7,888	8,269	7,177
O&M	CLEAN ENERGY INNOVATIONS	CLEAN ENERGY INNOVATIONS PROJECT MANAGEMENT OFFICE (PMO)	Non-RAMP	Non-RAMP	Non-RAMP	No			—	—	—	—	—	330	340	350	361	330
O&M	**CLEAN ENERGY INNOVATIONS**	**SubTotal CLEAN ENERGY INNOVATIONS PROJECT MANAGEMENT OFFICE (PMO)**				**Yes**			**—**	**—**	**—**	**—**	**—**	**330**	**340**	**350**	**361**	**330**
O&M	CLEAN ENERGY INNOVATIONS	CLEAN FUELS INFRASTRUCTURE DEVELOPMENT	Non-RAMP	Non-RAMP	Non-RAMP	No			5,060	—	—	—	5,060	5,248	5,403	5,567	5,734	5,248
O&M	**CLEAN ENERGY INNOVATIONS**	**SubTotal CLEAN FUELS INFRASTRUCTURE DEVELOPMENT**				**Yes**			**5,060**	**—**	**—**	**—**	**5,060**	**5,248**	**5,403**	**5,567**	**5,734**	**5,248**
O&M	CLEAN ENERGY INNOVATIONS	SUSTAINABILITY	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	1,593	—	—	—	1,593	1,779	1,832	1,887	1,944	1,779
O&M	**CLEAN ENERGY INNOVATIONS**	**SubTotal SUSTAINABILITY**				**Yes**			**1,593**	**—**	**—**	**—**	**1,593**	**1,779**	**1,832**	**1,887**	**1,944**	**1,779**

SoCalGas CLEAN ENERGY INNOVATIONS O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference ($)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
O&M	CLEAN ENERGY INNOVATIONS	CLEAN ENERGY INNOVATIONS				Yes	(764)	(7,827)	(7,841)	(8,047)	(764)	-10%	-100%	-100%	-100%	-10%
O&M	CLEAN ENERGY INNOVATIONS	CLEAN ENERGY INNOVATIONS PROJECT MANAGEMENT OFFICE (PMO)	Non-RAMP	Non-RAMP	Non-RAMP	No	(330)	(340)	(350)	(361)	(330)	-100%	-100%	-100%	-100%	-100%
O&M	**CLEAN ENERGY INNOVATIONS**	**SubTotal CLEAN ENERGY INNOVATIONS PROJECT MANAGEMENT OFFICE (PMO)**				**Yes**	**(330)**	**(340)**	**(350)**	**(361)**	**(330)**	**-100%**	**-100%**	**-100%**	**-100%**	**-100%**
O&M	CLEAN ENERGY INNOVATIONS	CLEAN FUELS INFRASTRUCTURE DEVELOPMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	(188)	(5,405)	(5,567)	(5,734)	(188)	-4%	-100%	-100%	-100%	-4%
O&M	**CLEAN ENERGY INNOVATIONS**	**SubTotal CLEAN FUELS INFRASTRUCTURE DEVELOPMENT**				**Yes**	**(188)**	**(5,405)**	**(5,567)**	**(5,734)**	**(188)**	**-4%**	**-100%**	**-100%**	**-100%**	**-4%**
O&M	CLEAN ENERGY INNOVATIONS	SUSTAINABILITY	Non-RAMP	Non-RAMP	Non-RAMP	No	(186)	(1,832)	(1,887)	(1,944)	(186)	-10%	-100%	-100%	-100%	-10%
O&M	**CLEAN ENERGY INNOVATIONS**	**SubTotal SUSTAINABILITY**				**Yes**	**(186)**	**(1,832)**	**(1,887)**	**(1,944)**	**(186)**	**-10%**	**-100%**	**-100%**	**-100%**	**-10%**

SoCalGas CLEAN ENERGY INNOVATIONS O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
O&M	CLEAN ENERGY INNOVATIONS	CLEAN ENERGY INNOVATIONS				Yes																					
O&M	CLEAN ENERGY INNOVATIONS	CLEAN ENERGY INNOVATIONS PROJECT MANAGEMENT OFFICE (PMO)	Non-RAMP	Non-RAMP	Non-RAMP	No																	0%	0%	0%	0%	0%
O&M	**CLEAN ENERGY INNOVATIONS**	**SubTotal CLEAN ENERGY INNOVATIONS PROJECT MANAGEMENT OFFICE (PMO)**				**Yes**																					
O&M	CLEAN ENERGY INNOVATIONS	CLEAN FUELS INFRASTRUCTURE DEVELOPMENT	Non-RAMP	Non-RAMP	Non-RAMP	No																	0%	0%	0%	0%	0%
O&M	**CLEAN ENERGY INNOVATIONS**	**SubTotal CLEAN FUELS INFRASTRUCTURE DEVELOPMENT**				**Yes**																					
O&M	CLEAN ENERGY INNOVATIONS	SUSTAINABILITY	Non-RAMP	Non-RAMP	Non-RAMP	No	The sustainability function is responsible for long-term strategy development and sustainability planning. It works across the organization to facilitate strategic road mapping, development of governance structures, preparing the company for climate disclosure compliance, and utilizes technology to efficiently and effectively track and report on sustainability initiatives and programs. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																	
O&M	**CLEAN ENERGY INNOVATIONS**	**SubTotal SUSTAINABILITY**				**Yes**																					

SoCalGas CLEAN ENERGY INNOVATIONS O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Safety, Reliability, or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status	Status Variance Explanation Required?
O&M	CLEAN ENERGY INNOVATIONS	CLEAN ENERGY INNOVATIONS				Yes										
O&M	CLEAN ENERGY INNOVATIONS	CLEAN ENERGY INNOVATIONS PROJECT MANAGEMENT OFFICE (PMO)	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							YES
O&M	**CLEAN ENERGY INNOVATIONS**	**SubTotal CLEAN ENERGY INNOVATIONS PROJECT MANAGEMENT OFFICE (PMO)**				**Yes**	**NO**	NO								YES
O&M	CLEAN ENERGY INNOVATIONS	CLEAN FUELS INFRASTRUCTURE DEVELOPMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
O&M	**CLEAN ENERGY INNOVATIONS**	**SubTotal CLEAN FUELS INFRASTRUCTURE DEVELOPMENT**				**Yes**	**NO**	NO								NO
O&M	CLEAN ENERGY INNOVATIONS	SUSTAINABILITY	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**CLEAN ENERGY INNOVATIONS**	**SubTotal SUSTAINABILITY**				**Yes**	**YES**	**NO**								**NO**

SoCalGas CLEAN ENERGY INNOVATIONS O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Status Variance Explanation	WP Activity Description	2024 GRC Testimony Location
O&M	CLEAN ENERGY INNOVATIONS	CLEAN ENERGY INNOVATIONS				Yes			
O&M	CLEAN ENERGY INNOVATIONS	CLEAN ENERGY INNOVATIONS PROJECT MANAGEMENT OFFICE (PMO)	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**CLEAN ENERGY INNOVATIONS**	**SubTotal CLEAN ENERGY INNOVATIONS PROJECT MANAGEMENT OFFICE (PMO)**				**Yes**			
O&M	CLEAN ENERGY INNOVATIONS	CLEAN FUELS INFRASTRUCTURE DEVELOPMENT	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**CLEAN ENERGY INNOVATIONS**	**SubTotal CLEAN FUELS INFRASTRUCTURE DEVELOPMENT**				**Yes**			
O&M	CLEAN ENERGY INNOVATIONS	SUSTAINABILITY	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
O&M	**CLEAN ENERGY INNOVATIONS**	**SubTotal SUSTAINABILITY**				**Yes**			

SoCalGas SUPPLY MANAGEMENT, LOGISTICS, & SUPPLIER DIVERSITY O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	REMOVE Authorized Cost to Date ($)
O&M	SUPPLY MANAGEMENT, LOGISTICS, & SUPPLIER DIVERSITY	SUPPLY MANAGEMENT, LOGISTICS, & SUPPLIER DIVERSITY				Yes			32,736	—	—	—	32,736	39,624	40,311	42,037	43,299	39,624
O&M	SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY	FABRICATION & TOOL REPAIR	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	2,796	—	—	—	2,796	2,898	2,985	3,075	3,167	2,898
O&M	**SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY**	**SubTotal FABRICATION & TOOL REPAIR**				**Yes**			**2,796**	**—**	**—**	**—**	**2,796**	**2,898**	**2,985**	**3,075**	**3,167**	**2,898**
O&M	SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY	INVENTORY AND LOGISTICS	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	17,022	—	—	—	17,022	19,813	20,407	21,019	21,650	19,813
O&M	**SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY**	**SubTotal INVENTORY AND LOGISTICS**				**Yes**			**17,022**	**—**	**—**	**—**	**17,022**	**19,813**	**20,407**	**21,019**	**21,650**	**19,813**
O&M	SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY	OFFICE SERVICES	Non-RAMP	Non-RAMP	Non-RAMP	No			2,102	—	—	—	2,102	2,433	2,506	2,581	2,658	2,433
O&M	**SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY**	**SubTotal OFFICE SERVICES**				**Yes**			**2,102**	**—**	**—**	**—**	**2,102**	**2,433**	**2,506**	**2,581**	**2,658**	**2,433**
O&M	SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY	PROCUREMENT	Non-RAMP	Non-RAMP	Non-RAMP	No			6,685	—	—	—	6,685	8,604	8,862	9,128	9,402	8,604
O&M	**SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY**	**SubTotal PROCUREMENT**				**Yes**			**6,685**	**—**	**—**	**—**	**6,685**	**8,604**	**8,862**	**9,128**	**9,402**	**8,604**
O&M	SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY	SUPPLIER DIVERSITY	Non-RAMP	Non-RAMP	Non-RAMP	No			1,513	—	—	—	1,513	1,037	1,068	1,100	1,133	1,037
O&M	**SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY**	**SubTotal SUPPLIER DIVERSITY**				**Yes**			**1,513**	**—**	**—**	**—**	**1,513**	**1,037**	**1,068**	**1,100**	**1,133**	**1,037**
O&M	SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY	SUPPLY CHAIN & SUPPORT SERVICES PMO	Non-RAMP	Non-RAMP	Non-RAMP	No			2,268	—	—	—	2,268	4,206	4,332	4,462	4,596	4,206
O&M	**SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY**	**SubTotal SUPPLY CHAIN & SUPPORT SERVICES PMO**				**Yes**			**2,268**	**—**	**—**	**—**	**2,268**	**4,206**	**4,332**	**4,462**	**4,596**	**4,206**
O&M	SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY	VP SUPPLY MANAGEMENT & LOGISTICS	Non-RAMP	Non-RAMP	Non-RAMP	No			350	—	—	—	350	633	652	672	692	633
O&M	**SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY**	**SubTotal VP SUPPLY MANAGEMENT & LOGISTICS**				**Yes**			**350**	**—**	**—**	**—**	**350**	**633**	**652**	**672**	**692**	**633**

SoCalGas SUPPLY MANAGEMENT, LOGISTICS, & SUPPLIER DIVERSITY O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference ($)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
O&M	SUPPLY MANAGEMENT, LOGISTICS, & SUPPLIER DIVERSITY	SUPPLY MANAGEMENT, LOGISTICS, & SUPPLIER DIVERSITY				Yes	(6,808)	(40,812)	(42,037)	(42,298)	(6,808)	-17%	-100%	-100%	-100%	-17%
O&M	SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY	FABRICATION & TOOL REPAIR	Non-RAMP	Non-RAMP	Non-RAMP	No	(102)	(2,985)	(3,075)	(3,167)	(102)	-4%	-100%	-100%	-100%	-4%
O&M	**SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY**	**SubTotal FABRICATION & TOOL REPAIR**				**Yes**	**(102)**	**(2,985)**	**(3,075)**	**(3,167)**	**(102)**	**-4%**	**-100%**	**-100%**	**-100%**	**-4%**
O&M	SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY	INVENTORY AND LOGISTICS	Non-RAMP	Non-RAMP	Non-RAMP	No	(2,791)	(20,407)	(21,019)	(21,650)	(2,791)	-14%	-100%	-100%	-100%	-14%
O&M	**SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY**	**SubTotal INVENTORY AND LOGISTICS**				**Yes**	**(2,791)**	**(20,407)**	**(21,019)**	**(21,650)**	**(2,791)**	**-14%**	**-100%**	**-100%**	**-100%**	**-14%**
O&M	SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY	OFFICE SERVICES	Non-RAMP	Non-RAMP	Non-RAMP	No	(331)	(2,506)	(2,581)	(2,658)	(331)	-14%	-100%	-100%	-100%	-14%
O&M	**SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY**	**SubTotal OFFICE SERVICES**				**Yes**	**(331)**	**(2,506)**	**(2,581)**	**(2,658)**	**(331)**	**-14%**	**-100%**	**-100%**	**-100%**	**-14%**
O&M	SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY	PROCUREMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	(1,919)	(8,862)	(9,128)	(9,402)	(1,919)	-22%	-100%	-100%	-100%	-22%
O&M	**SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY**	**SubTotal PROCUREMENT**				**Yes**	**(1,919)**	**(8,862)**	**(9,128)**	**(9,402)**	**(1,919)**	**-22%**	**-100%**	**-100%**	**-100%**	**-22%**
O&M	SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY	SUPPLIER DIVERSITY	Non-RAMP	Non-RAMP	Non-RAMP	No	476	(1,068)	(1,100)	(1,133)	476	46%	-100%	-100%	-100%	46%
O&M	**SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY**	**SubTotal SUPPLIER DIVERSITY**				**Yes**	**476**	**(1,068)**	**(1,100)**	**(1,133)**	**476**	**46%**	**-100%**	**-100%**	**-100%**	**46%**
O&M	SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY	SUPPLY CHAIN & SUPPORT SERVICES PMO	Non-RAMP	Non-RAMP	Non-RAMP	No	(1,938)	(4,332)	(4,462)	(4,596)	(1,938)	-46%	-100%	-100%	-100%	-46%
O&M	**SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY**	**SubTotal SUPPLY CHAIN & SUPPORT SERVICES PMO**				**Yes**	**(1,938)**	**(4,332)**	**(4,462)**	**(4,596)**	**(1,938)**	**-46%**	**-100%**	**-100%**	**-100%**	**-46%**
O&M	SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY	VP SUPPLY MANAGEMENT & LOGISTICS	Non-RAMP	Non-RAMP	Non-RAMP	No	(283)	(652)	(672)	(692)	(283)	-45%	-100%	-100%	-100%	-45%
O&M	**SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY**	**SubTotal VP SUPPLY MANAGEMENT & LOGISTICS**				**Yes**	**(283)**	**(652)**	**(672)**	**(692)**	**(283)**	**-45%**	**-100%**	**-100%**	**-100%**	**-45%**

SoCalGas SUPPLY MANAGEMENT, LOGISTICS, & SUPPLIER DIVERSITY O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
O&M	SUPPLY MANAGEMENT, LOGISTICS, & SUPPLIER DIVERSITY	SUPPLY MANAGEMENT, LOGISTICS, & SUPPLIER DIVERSITY				Yes																					
O&M	SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY	FABRICATION & TOOL REPAIR	Non-RAMP	Non-RAMP	Non-RAMP	No	The Fabrication and Tool Repair department provides the specialized machining and fabrication of tools, materials, and equipment required to support SoCalGas's operations; periodic maintenance and repair of the gas handling, electronic, and pneumatic tools; and the evaluation of new tools. Base year recorded costs include tools, machinery, and materials needed for the periodic maintenance and repair of the gas handling, electronic, and pneumatic tools. Furthermore, testing equipment is necessary to support the evaluation of new tools. Due to the non-standard variety of work, no unit is available for this workpaper.																
O&M	**SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY**	**SubTotal FABRICATION & TOOL REPAIR**				**Yes**																					
O&M	SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY	INVENTORY AND LOGISTICS	Non-RAMP	Non-RAMP	Non-RAMP	No	Inventory and Logistics maintains and processes stock for the company necessitating differing functions including a logistics team, strategic supply and demand side, material traceability, inbound operations and outbound operations. Not only are the needs of each function different and non-standard, costs in this workpaper also go to support capital and O&M projects to improve performance in addition to the department support costs. Because of these two areas of consideration, there is an inability to identify a single unit of measurement.																
O&M	**SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY**	**SubTotal INVENTORY AND LOGISTICS**				**Yes**																					
O&M	SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY	OFFICE SERVICES	Non-RAMP	Non-RAMP	Non-RAMP	No												0	0	0	0	0	0.%	0.%	0.%	0.%	0.%
O&M	**SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY**	**SubTotal OFFICE SERVICES**				**Yes**																					
O&M	SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY	PROCUREMENT	Non-RAMP	Non-RAMP	Non-RAMP	No												0	0	0	0	0	0.%	0.%	0.%	0.%	0.%
O&M	**SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY**	**SubTotal PROCUREMENT**				**Yes**																					
O&M	SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY	SUPPLIER DIVERSITY	Non-RAMP	Non-RAMP	Non-RAMP	No												0	0	0	0	0	0.%	0.%	0.%	0.%	0.%
O&M	**SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY**	**SubTotal SUPPLIER DIVERSITY**				**Yes**																					
O&M	SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY	SUPPLY CHAIN & SUPPORT SERVICES PMO	Non-RAMP	Non-RAMP	Non-RAMP	No												0	0	0	0	0	0.%	0.%	0.%	0.%	0.%
O&M	**SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY**	**SubTotal SUPPLY CHAIN & SUPPORT SERVICES PMO**				**Yes**																					
O&M	SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY	VP SUPPLY MANAGEMENT & LOGISTICS	Non-RAMP	Non-RAMP	Non-RAMP	No												0	0	0	0	0	0.%	0.%	0.%	0.%	0.%
O&M	**SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY**	**SubTotal VP SUPPLY MANAGEMENT & LOGISTICS**				**Yes**																					

SoCalGas SUPPLY MANAGEMENT, LOGISTICS, & SUPPLIER DIVERSITY O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Safety, Reliability, or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status	Status Variance Explanation Required?
O&M	SUPPLY MANAGEMENT, LOGISTICS, & SUPPLIER DIVERSITY	SUPPLY MANAGEMENT, LOGISTICS, & SUPPLIER DIVERSITY				Yes										
O&M	SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY	FABRICATION & TOOL REPAIR	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY**	**SubTotal FABRICATION & TOOL REPAIR**				**Yes**	**YES**	**NO**								**NO**
O&M	SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY	INVENTORY AND LOGISTICS	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY**	**SubTotal INVENTORY AND LOGISTICS**				**Yes**	**YES**	**NO**								**NO**
O&M	SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY	OFFICE SERVICES	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
O&M	**SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY**	**SubTotal OFFICE SERVICES**				**Yes**	**NO**	NO								NO
O&M	SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY	PROCUREMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
O&M	**SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY**	**SubTotal PROCUREMENT**				**Yes**	**NO**	NO								NO
O&M	SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY	SUPPLIER DIVERSITY	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
O&M	**SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY**	**SubTotal SUPPLIER DIVERSITY**				**Yes**	**NO**	NO								NO
O&M	SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY	SUPPLY CHAIN & SUPPORT SERVICES PMO	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
O&M	**SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY**	**SubTotal SUPPLY CHAIN & SUPPORT SERVICES PMO**				**Yes**	**NO**	NO								NO
O&M	SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY	VP SUPPLY MANAGEMENT & LOGISTICS	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
O&M	**SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY**	**SubTotal VP SUPPLY MANAGEMENT & LOGISTICS**				**Yes**	**NO**	NO								NO

SoCalGas SUPPLY MANAGEMENT, LOGISTICS, & SUPPLIER DIVERSITY O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Status Variance/Explanation	WP Activity Description	2024 GRC Testimony Location
O&M	SUPPLY MANAGEMENT, LOGISTICS, & SUPPLIER DIVERSITY	SUPPLY MANAGEMENT, LOGISTICS, & SUPPLIER DIVERSITY				Yes			
O&M	SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY	FABRICATION & TOOL REPAIR	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
O&M	**SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY**	**SubTotal FABRICATION & TOOL REPAIR**				**Yes**			
O&M	SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY	INVENTORY AND LOGISTICS	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
O&M	**SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY**	**SubTotal INVENTORY AND LOGISTICS**				**Yes**			
O&M	SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY	OFFICE SERVICES	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY**	**SubTotal OFFICE SERVICES**				**Yes**			
O&M	SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY	PROCUREMENT	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY**	**SubTotal PROCUREMENT**				**Yes**			
O&M	SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY	SUPPLIER DIVERSITY	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY**	**SubTotal SUPPLIER DIVERSITY**				**Yes**			
O&M	SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY	SUPPLY CHAIN & SUPPORT SERVICES PMO	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY**	**SubTotal SUPPLY CHAIN & SUPPORT SERVICES PMO**				**Yes**			
O&M	SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY	VP SUPPLY MANAGEMENT & LOGISTICS	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**SUPPLY MGT, LOGISTICS, & SUPPLIER DIVERSITY**	**SubTotal VP SUPPLY MANAGEMENT & LOGISTICS**				**Yes**			

SoCalGas ADMINISTRATIVE & GENERAL O&M

Type	Witness Area (Line of Business w)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date ($)
O&M	ADMINISTRATIVE & GENERAL	ADMINISTRATIVE & GENERAL				Yes			40,301	---	---	---	40,301	39,818	40,773	42,214	42,418	35,800
O&M	ADMINISTRATIVE & GENERAL	ACCOUNTING OPERATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No			5,099	---	---	---	5,099	4,844	4,989	5,139	5,293	4,844
O&M	**ADMINISTRATIVE & GENERAL**	**SubTotal ACCOUNTING OPERATIONS**				**Yes**			**5,099**	**---**	**---**	**---**	**5,099**	**4,844**	**4,989**	**5,139**	**5,293**	**4,844**
O&M	ADMINISTRATIVE & GENERAL	ACCOUNTING RESEARCH & BUSINESS CONTROLS AND AFFILIATE BILLING & COSTING	Non-RAMP	Non-RAMP	Non-RAMP	No			324	---	---	---	324	261	269	277	285	261
O&M	**ADMINISTRATIVE & GENERAL**	**SubTotal ACCOUNTING RESEARCH & BUSINESS CONTROLS AND AFFILIATE BILLING & COSTING**				**Yes**			**324**	**---**	**---**	**---**	**324**	**261**	**269**	**277**	**285**	**261**
O&M	ADMINISTRATIVE & GENERAL	GRC AND REVENUE REQUIREMENTS	Non-RAMP	Non-RAMP	Non-RAMP	No			1,440	---	---	---	1,440	1,487	1,531	1,578	1,625	1,487
O&M	**ADMINISTRATIVE & GENERAL**	**SubTotal GRC AND REVENUE REQUIREMENTS**				**Yes**			**1,440**	**---**	**---**	**---**	**1,440**	**1,487**	**1,531**	**1,578**	**1,625**	**1,487**
O&M	ADMINISTRATIVE & GENERAL	BUSINESS STRATEGY & ENERGY POLICY	Non-RAMP	Non-RAMP	Non-RAMP	No			2,776	---	---	---	2,776	2,638	2,717	2,799	2,883	2,638
O&M	**ADMINISTRATIVE & GENERAL**	**SubTotal BUSINESS STRATEGY & ENERGY POLICY**				**Yes**			**2,776**	**---**	**---**	**---**	**2,776**	**2,638**	**2,717**	**2,799**	**2,883**	**2,638**
O&M	ADMINISTRATIVE & GENERAL	CLAIMS MANAGEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No			1,428	---	---	---	1,428	1,813	1,867	1,923	1,981	1,813
O&M	**ADMINISTRATIVE & GENERAL**	**SubTotal CLAIMS MANAGEMENT**				**Yes**			**1,428**	**---**	**---**	**---**	**1,428**	**1,813**	**1,867**	**1,923**	**1,981**	**1,813**
O&M	ADMINISTRATIVE & GENERAL	CLAIMS PAYMENTS AND RECOVERY	Non-RAMP	Non-RAMP	Non-RAMP	No			3,444	---	---	---	3,444	5,470	5,634	5,803	5,977	5,470
O&M	**ADMINISTRATIVE & GENERAL**	**SubTotal CLAIMS PAYMENTS AND RECOVERY**				**Yes**			**3,444**	**---**	**---**	**---**	**3,444**	**5,470**	**5,634**	**5,803**	**5,977**	**5,470**
O&M	ADMINISTRATIVE & GENERAL	CONTROLLER & CFO	Non-RAMP	Non-RAMP	Non-RAMP	No			297	---	---	---	297	615	633	652	672	615
O&M	**ADMINISTRATIVE & GENERAL**	**SubTotal CONTROLLER & CFO**				**Yes**			**297**	**---**	**---**	**---**	**297**	**615**	**633**	**652**	**672**	**615**
O&M	ADMINISTRATIVE & GENERAL	DIRECTOR OF REGULATORY AFFAIRS	Non-RAMP	Non-RAMP	Non-RAMP	No			248	---	---	---	248	356	367	378	389	356
O&M	**ADMINISTRATIVE & GENERAL**	**SubTotal DIRECTOR OF REGULATORY AFFAIRS**				**Yes**			**248**	**---**	**---**	**---**	**248**	**356**	**367**	**378**	**389**	**356**
O&M	ADMINISTRATIVE & GENERAL	EXTERNAL AFFAIRS	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	2,774	---	---	---	2,774	1,991	2,051	2,113	2,176	1,991
O&M	**ADMINISTRATIVE & GENERAL**	**SubTotal EXTERNAL AFFAIRS**				**Yes**			**2,774**	**---**	**---**	**---**	**2,774**	**1,991**	**2,051**	**2,113**	**2,176**	**1,991**
O&M	ADMINISTRATIVE & GENERAL	FINANCE	Non-RAMP	Non-RAMP	Non-RAMP	No			2,811	---	---	---	2,811	1,745	1,797	1,851	1,907	1,745
O&M	**ADMINISTRATIVE & GENERAL**	**SubTotal FINANCE**				**Yes**			**2,811**	**---**	**---**	**---**	**2,811**	**1,745**	**1,797**	**1,851**	**1,907**	**1,745**
O&M	ADMINISTRATIVE & GENERAL	FINANCIAL & OPERATIONAL PLANNING	Non-RAMP	Non-RAMP	Non-RAMP	No			5,582	---	---	---	5,582	5,150	5,305	5,464	5,628	5,150
O&M	**ADMINISTRATIVE & GENERAL**	**SubTotal FINANCIAL & OPERATIONAL PLANNING**				**Yes**			**5,582**	**---**	**---**	**---**	**5,582**	**5,150**	**5,305**	**5,464**	**5,628**	**5,150**
O&M	ADMINISTRATIVE & GENERAL	FINANCIAL SYSTEMS AND INNOVATION	Non-RAMP	Non-RAMP	Non-RAMP	No			1,074	---	---	---	1,074	1,267	1,305	1,344	1,384	1,267
O&M	**ADMINISTRATIVE & GENERAL**	**SubTotal FINANCIAL SYSTEMS AND INNOVATION**				**Yes**			**1,074**	**---**	**---**	**---**	**1,074**	**1,267**	**1,305**	**1,344**	**1,384**	**1,267**
O&M	ADMINISTRATIVE & GENERAL	GAS DEMAND FORECASTING AND ECONOMIC ANALYSIS	Non-RAMP	Non-RAMP	Non-RAMP	No			733	---	---	---	733	1,067	1,099	1,132	1,166	1,067
O&M	**ADMINISTRATIVE & GENERAL**	**SubTotal GAS DEMAND FORECASTING AND ECONOMIC ANALYSIS**				**Yes**			**733**	**---**	**---**	**---**	**733**	**1,067**	**1,099**	**1,132**	**1,166**	**1,067**
O&M	ADMINISTRATIVE & GENERAL	GAS RATES AND ANALYSIS	Non-RAMP	Non-RAMP	Non-RAMP	No			485	---	---	---	485	409	504	519	535	409
O&M	**ADMINISTRATIVE & GENERAL**	**SubTotal GAS RATES AND ANALYSIS**				**Yes**			**485**	**---**	**---**	**---**	**485**	**409**	**504**	**519**	**535**	**409**
O&M	ADMINISTRATIVE & GENERAL	REGULATORY AFFAIRS STRATEGY MANAGER	Non-RAMP	Non-RAMP	Non-RAMP	No			176	---	---	---	176	172	177	182	187	172
O&M	**ADMINISTRATIVE & GENERAL**	**SubTotal REGULATORY AFFAIRS STRATEGY MANAGER**				**Yes**			**176**	**---**	**---**	**---**	**176**	**172**	**177**	**182**	**187**	**172**
O&M	ADMINISTRATIVE & GENERAL	REGULATORY TARIFFS & INFO	Non-RAMP	Non-RAMP	Non-RAMP	No			560	---	---	---	560	609	627	646	665	609
O&M	**ADMINISTRATIVE & GENERAL**	**SubTotal REGULATORY TARIFFS & INFO**				**Yes**			**560**	**---**	**---**	**---**	**560**	**609**	**627**	**646**	**665**	**609**
O&M	ADMINISTRATIVE & GENERAL	REGULATORY CASE MANAGEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No			1,515	---	---	---	1,515	1,196	1,232	1,269	1,307	1,196
O&M	**ADMINISTRATIVE & GENERAL**	**SubTotal REGULATORY CASE MANAGEMENT**				**Yes**			**1,515**	**---**	**---**	**---**	**1,515**	**1,196**	**1,232**	**1,269**	**1,307**	**1,196**
O&M	ADMINISTRATIVE & GENERAL	INNOVATION SUPPORT	Non-RAMP	Non-RAMP	Non-RAMP	No			54	---	---	---	54	75	77	79	81	75
O&M	**ADMINISTRATIVE & GENERAL**	**SubTotal INNOVATION SUPPORT**				**Yes**			**54**	**---**	**---**	**---**	**54**	**75**	**77**	**79**	**81**	**75**
O&M	ADMINISTRATIVE & GENERAL	LEGAL	Non-RAMP	Non-RAMP	Non-RAMP	No			10,112	---	---	---	10,112	8,555	8,812	9,076	9,348	8,555
O&M	**ADMINISTRATIVE & GENERAL**	**SubTotal LEGAL**				**Yes**			**10,112**	**---**	**---**	**---**	**10,112**	**8,555**	**8,812**	**9,076**	**9,348**	**8,555**

SoCalGas ADMINISTRATIVE & GENERAL O&M

Type	Witness Area (1 use of Business w)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference ($)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
O&M	ADMINISTRATIVE & GENERAL	ADMINISTRATIVE & GENERAL				Yes	1,111	(4,189)	(4,232)	(4,041)	1,111	1%	-100%	-100%	-100%	1%
O&M	ADMINISTRATIVE & GENERAL	ACCOUNTING OPERATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	255	(4,989)	(5,139)	(5,293)	255	5%	-100%	-100%	-100%	5%
O&M	**ADMINISTRATIVE & GENERAL**	**SubTotal ACCOUNTING OPERATIONS**				**Yes**	**255**	**(4,989)**	**(5,139)**	**(5,293)**	**255**	**5%**	**-100%**	**-100%**	**-100%**	**5%**
O&M	ADMINISTRATIVE & GENERAL	ACCOUNTING RESEARCH & BUSINESS CONTROLS AND AFFILIATE BILLING & COSTING	Non-RAMP	Non-RAMP	Non-RAMP	No	63	(269)	(277)	(285)	63	24%	-100%	-100%	-100%	24%
O&M	**ADMINISTRATIVE & GENERAL**	**SubTotal ACCOUNTING RESEARCH & BUSINESS CONTROLS AND AFFILIATE BILLING & COSTING**				**Yes**	**63**	**(269)**	**(277)**	**(285)**	**63**	**24%**	**-100%**	**-100%**	**-100%**	**24%**
O&M	ADMINISTRATIVE & GENERAL	GRC AND REVENUE REQUIREMENTS	Non-RAMP	Non-RAMP	Non-RAMP	No	(47)	(1,531)	(1,578)	(1,625)	(47)	-3%	-100%	-100%	-100%	-3%
O&M	**ADMINISTRATIVE & GENERAL**	**SubTotal GRC AND REVENUE REQUIREMENTS**				**Yes**	**(47)**	**(1,531)**	**(1,578)**	**(1,625)**	**(47)**	**-3%**	**-100%**	**-100%**	**-100%**	**-3%**
O&M	ADMINISTRATIVE & GENERAL	BUSINESS STRATEGY & ENERGY POLICY	Non-RAMP	Non-RAMP	Non-RAMP	No	138	(2,717)	(2,799)	(2,883)	138	5%	-100%	-100%	-100%	5%
O&M	**ADMINISTRATIVE & GENERAL**	**SubTotal BUSINESS STRATEGY & ENERGY POLICY**				**Yes**	**138**	**(2,717)**	**(2,799)**	**(2,883)**	**138**	**5%**	**-100%**	**-100%**	**-100%**	**5%**
O&M	ADMINISTRATIVE & GENERAL	CLAIMS MANAGEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	(385)	(1,867)	(1,923)	(1,981)	(385)	-21%	-100%	-100%	-100%	-21%
O&M	**ADMINISTRATIVE & GENERAL**	**SubTotal CLAIMS MANAGEMENT**				**Yes**	**(385)**	**(1,867)**	**(1,923)**	**(1,981)**	**(385)**	**-21%**	**-100%**	**-100%**	**-100%**	**-21%**
O&M	ADMINISTRATIVE & GENERAL	CLAIMS PAYMENTS AND RECOVERY	Non-RAMP	Non-RAMP	Non-RAMP	No	(2,026)	(5,634)	(5,803)	(5,977)	(2,026)	-37%	-100%	-100%	-100%	-37%
O&M	**ADMINISTRATIVE & GENERAL**	**SubTotal CLAIMS PAYMENTS AND RECOVERY**				**Yes**	**(2,026)**	**(5,634)**	**(5,803)**	**(5,977)**	**(2,026)**	**-37%**	**-100%**	**-100%**	**-100%**	**-37%**
O&M	ADMINISTRATIVE & GENERAL	CONTROLLER & CFO	Non-RAMP	Non-RAMP	Non-RAMP	No	(318)	(63)	(65)	(67)	(318)	-52%	-100%	-100%	-100%	-52%
O&M	**ADMINISTRATIVE & GENERAL**	**SubTotal CONTROLLER & CFO**				**Yes**	**(318)**	**(63)**	**(65)**	**(67)**	**(318)**	**-52%**	**-100%**	**-100%**	**-100%**	**-52%**
O&M	ADMINISTRATIVE & GENERAL	DIRECTOR OF REGULATORY AFFAIRS	Non-RAMP	Non-RAMP	Non-RAMP	No	(108)	(367)	(378)	(389)	(108)	-30%	-100%	-100%	-100%	-30%
O&M	**ADMINISTRATIVE & GENERAL**	**SubTotal DIRECTOR OF REGULATORY AFFAIRS**				**Yes**	**(108)**	**(367)**	**(378)**	**(389)**	**(108)**	**-30%**	**-100%**	**-100%**	**-100%**	**-30%**
O&M	ADMINISTRATIVE & GENERAL	EXTERNAL AFFAIRS	Non-RAMP	Non-RAMP	Non-RAMP	No	783	(2,051)	(2,113)	(2,176)	783	39%	-100%	-100%	-100%	39%
O&M	**ADMINISTRATIVE & GENERAL**	**SubTotal EXTERNAL AFFAIRS**				**Yes**	**783**	**(2,051)**	**(2,113)**	**(2,176)**	**783**	**39%**	**-100%**	**-100%**	**-100%**	**39%**
O&M	ADMINISTRATIVE & GENERAL	FINANCE	Non-RAMP	Non-RAMP	Non-RAMP	No	1,066	(1,797)	(1,851)	(1,907)	1,066	61%	-100%	-100%	-100%	61%
O&M	**ADMINISTRATIVE & GENERAL**	**SubTotal FINANCE**				**Yes**	**1,066**	**(1,797)**	**(1,851)**	**(1,907)**	**1,066**	**61%**	**-100%**	**-100%**	**-100%**	**61%**
O&M	ADMINISTRATIVE & GENERAL	FINANCIAL & OPERATIONAL PLANNING	Non-RAMP	Non-RAMP	Non-RAMP	No	432	(5,305)	(5,464)	(5,628)	432	8%	-100%	-100%	-100%	8%
O&M	**ADMINISTRATIVE & GENERAL**	**SubTotal FINANCIAL & OPERATIONAL PLANNING**				**Yes**	**432**	**(5,305)**	**(5,464)**	**(5,628)**	**432**	**8%**	**-100%**	**-100%**	**-100%**	**8%**
O&M	ADMINISTRATIVE & GENERAL	FINANCIAL SYSTEMS AND INNOVATION	Non-RAMP	Non-RAMP	Non-RAMP	No	(193)	(1,305)	(1,344)	(1,384)	(193)	-15%	-100%	-100%	-100%	-15%
O&M	**ADMINISTRATIVE & GENERAL**	**SubTotal FINANCIAL SYSTEMS AND INNOVATION**				**Yes**	**(193)**	**(1,305)**	**(1,344)**	**(1,384)**	**(193)**	**-15%**	**-100%**	**-100%**	**-100%**	**-15%**
O&M	ADMINISTRATIVE & GENERAL	GAS DEMAND FORECASTING AND ECONOMIC ANALYSIS	Non-RAMP	Non-RAMP	Non-RAMP	No	(334)	(1,099)	(1,132)	(1,166)	(334)	-31%	-100%	-100%	-100%	-31%
O&M	**ADMINISTRATIVE & GENERAL**	**SubTotal GAS DEMAND FORECASTING AND ECONOMIC ANALYSIS**				**Yes**	**(334)**	**(1,099)**	**(1,132)**	**(1,166)**	**(334)**	**-31%**	**-100%**	**-100%**	**-100%**	**-31%**
O&M	ADMINISTRATIVE & GENERAL	GAS RATES AND ANALYSIS	Non-RAMP	Non-RAMP	Non-RAMP	No	(4)	(504)	(519)	(535)	(4)	-1%	-100%	-100%	-100%	-1%
O&M	**ADMINISTRATIVE & GENERAL**	**SubTotal GAS RATES AND ANALYSIS**				**Yes**	**(4)**	**(504)**	**(519)**	**(535)**	**(4)**	**-1%**	**-100%**	**-100%**	**-100%**	**-1%**
O&M	ADMINISTRATIVE & GENERAL	REGULATORY AFFAIRS STRATEGY MANAGER	Non-RAMP	Non-RAMP	Non-RAMP	No	4	(177)	(182)	(187)	4	2%	-100%	-100%	-100%	2%
O&M	**ADMINISTRATIVE & GENERAL**	**SubTotal REGULATORY AFFAIRS STRATEGY MANAGER**				**Yes**	**4**	**(177)**	**(182)**	**(187)**	**4**	**2%**	**-100%**	**-100%**	**-100%**	**2%**
O&M	ADMINISTRATIVE & GENERAL	REGULATORY TARIFFS & INFO	Non-RAMP	Non-RAMP	Non-RAMP	No	(49)	(627)	(646)	(665)	(49)	-8%	-100%	-100%	-100%	-8%
O&M	**ADMINISTRATIVE & GENERAL**	**SubTotal REGULATORY TARIFFS & INFO**				**Yes**	**(49)**	**(627)**	**(646)**	**(665)**	**(49)**	**-8%**	**-100%**	**-100%**	**-100%**	**-8%**
O&M	ADMINISTRATIVE & GENERAL	REGULATORY CASE MANAGEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	319	(1,232)	(1,269)	(1,307)	319	27%	-100%	-100%	-100%	27%
O&M	**ADMINISTRATIVE & GENERAL**	**SubTotal REGULATORY CASE MANAGEMENT**				**Yes**	**319**	**(1,232)**	**(1,269)**	**(1,307)**	**319**	**27%**	**-100%**	**-100%**	**-100%**	**27%**
O&M	ADMINISTRATIVE & GENERAL	INNOVATION SUPPORT	Non-RAMP	Non-RAMP	Non-RAMP	No	(21)	(77)	(79)	(81)	(21)	-29%	-100%	-100%	-100%	-29%
O&M	**ADMINISTRATIVE & GENERAL**	**SubTotal INNOVATION SUPPORT**				**Yes**	**(21)**	**(77)**	**(79)**	**(81)**	**(21)**	**-29%**	**-100%**	**-100%**	**-100%**	**-29%**
O&M	ADMINISTRATIVE & GENERAL	LEGAL	Non-RAMP	Non-RAMP	Non-RAMP	No	1,557	(8,812)	(9,076)	(9,348)	1,557	18%	-100%	-100%	-100%	18%
O&M	**ADMINISTRATIVE & GENERAL**	**SubTotal LEGAL**				**Yes**	**1,557**	**(8,812)**	**(9,076)**	**(9,348)**	**1,557**	**18%**	**-100%**	**-100%**	**-100%**	**18%**

SoCalGas ADMINISTRATIVE & GENERAL O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
O&M	ADMINISTRATIVE & GENERAL	ADMINISTRATIVE & GENERAL				Yes																					
O&M	ADMINISTRATIVE & GENERAL	ACCOUNTING OPERATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No												0					0 %	0 %	0 %	0 %	0 %
O&M	**ADMINISTRATIVE & GENERAL**	**SubTotal ACCOUNTING OPERATIONS**				Yes																					
O&M	ADMINISTRATIVE & GENERAL	ACCOUNTING RESEARCH & BUSINESS CONTROLS AND AFFILIATE BILLING & COSTING	Non-RAMP	Non-RAMP	Non-RAMP	No												0					0 %	0 %	0 %	0 %	0 %
O&M	**ADMINISTRATIVE & GENERAL**	**SubTotal ACCOUNTING RESEARCH & BUSINESS CONTROLS AND AFFILIATE BILLING & COSTING**				Yes																					
O&M	ADMINISTRATIVE & GENERAL	GRC AND REVENUE REQUIREMENTS	Non-RAMP	Non-RAMP	Non-RAMP	No												0					0 %	0 %	0 %	0 %	0 %
O&M	**ADMINISTRATIVE & GENERAL**	**SubTotal GRC AND REVENUE REQUIREMENTS**				Yes																					
O&M	ADMINISTRATIVE & GENERAL	BUSINESS STRATEGY & ENERGY POLICY	Non-RAMP	Non-RAMP	Non-RAMP	No												0					0 %	0 %	0 %	0 %	0 %
O&M	**ADMINISTRATIVE & GENERAL**	**SubTotal BUSINESS STRATEGY & ENERGY POLICY**				Yes																					
O&M	ADMINISTRATIVE & GENERAL	CLAIMS MANAGEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No												0					0 %	0 %	0 %	0 %	0 %
O&M	**ADMINISTRATIVE & GENERAL**	**SubTotal CLAIMS MANAGEMENT**				Yes																					
O&M	ADMINISTRATIVE & GENERAL	CLAIMS PAYMENTS AND RECOVERY	Non-RAMP	Non-RAMP	Non-RAMP	No												0					0 %	0 %	0 %	0 %	0 %
O&M	**ADMINISTRATIVE & GENERAL**	**SubTotal CLAIMS PAYMENTS AND RECOVERY**				Yes																					
O&M	ADMINISTRATIVE & GENERAL	CONTROLLER & CFO	Non-RAMP	Non-RAMP	Non-RAMP	No												0					0 %	0 %	0 %	0 %	0 %
O&M	**ADMINISTRATIVE & GENERAL**	**SubTotal CONTROLLER & CFO**				Yes																					
O&M	ADMINISTRATIVE & GENERAL	DIRECTOR OF REGULATORY AFFAIRS	Non-RAMP	Non-RAMP	Non-RAMP	No												0					0 %	0 %	0 %	0 %	0 %
O&M	**ADMINISTRATIVE & GENERAL**	**SubTotal DIRECTOR OF REGULATORY AFFAIRS**				Yes																					
O&M	ADMINISTRATIVE & GENERAL	EXTERNAL AFFAIRS	Non-RAMP	Non-RAMP	Non-RAMP	No	FTE	17				17	15				15	2	0	0	0	2	13 %	0 %	0 %	0 %	13 %
O&M	**ADMINISTRATIVE & GENERAL**	**SubTotal EXTERNAL AFFAIRS**				Yes																					
O&M	ADMINISTRATIVE & GENERAL	FINANCE	Non-RAMP	Non-RAMP	Non-RAMP	No												0					0 %	0 %	0 %	0 %	0 %
O&M	**ADMINISTRATIVE & GENERAL**	**SubTotal FINANCE**				Yes																					
O&M	ADMINISTRATIVE & GENERAL	FINANCIAL & OPERATIONAL PLANNING	Non-RAMP	Non-RAMP	Non-RAMP	No												0					0 %	0 %	0 %	0 %	0 %
O&M	**ADMINISTRATIVE & GENERAL**	**SubTotal FINANCIAL & OPERATIONAL PLANNING**				Yes																					
O&M	ADMINISTRATIVE & GENERAL	FINANCIAL SYSTEMS AND INNOVATION	Non-RAMP	Non-RAMP	Non-RAMP	No												0					0 %	0 %	0 %	0 %	0 %
O&M	**ADMINISTRATIVE & GENERAL**	**SubTotal FINANCIAL SYSTEMS AND INNOVATION**				Yes																					
O&M	ADMINISTRATIVE & GENERAL	GAS DEMAND FORECASTING AND ECONOMIC ANALYSIS	Non-RAMP	Non-RAMP	Non-RAMP	No												0					0 %	0 %	0 %	0 %	0 %
O&M	**ADMINISTRATIVE & GENERAL**	**SubTotal GAS DEMAND FORECASTING AND ECONOMIC ANALYSIS**				Yes																					
O&M	ADMINISTRATIVE & GENERAL	GAS RATES AND ANALYSIS	Non-RAMP	Non-RAMP	Non-RAMP	No												0					0 %	0 %	0 %	0 %	0 %
O&M	**ADMINISTRATIVE & GENERAL**	**SubTotal GAS RATES AND ANALYSIS**				Yes																					
O&M	ADMINISTRATIVE & GENERAL	REGULATORY AFFAIRS STRATEGY MANAGER	Non-RAMP	Non-RAMP	Non-RAMP	No												0					0 %	0 %	0 %	0 %	0 %
O&M	**ADMINISTRATIVE & GENERAL**	**SubTotal REGULATORY AFFAIRS STRATEGY MANAGER**				Yes																					
O&M	ADMINISTRATIVE & GENERAL	REGULATORY TARIFFS & INFO	Non-RAMP	Non-RAMP	Non-RAMP	No												0					0 %	0 %	0 %	0 %	0 %
O&M	**ADMINISTRATIVE & GENERAL**	**SubTotal REGULATORY TARIFFS & INFO**				Yes																					
O&M	ADMINISTRATIVE & GENERAL	REGULATORY CASE MANAGEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No												0					0 %	0 %	0 %	0 %	0 %
O&M	**ADMINISTRATIVE & GENERAL**	**SubTotal REGULATORY CASE MANAGEMENT**				Yes																					
O&M	ADMINISTRATIVE & GENERAL	INNOVATION SUPPORT	Non-RAMP	Non-RAMP	Non-RAMP	No												0					0 %	0 %	0 %	0 %	0 %
O&M	**ADMINISTRATIVE & GENERAL**	**SubTotal INNOVATION SUPPORT**				Yes																					
O&M	ADMINISTRATIVE & GENERAL	LEGAL	Non-RAMP	Non-RAMP	Non-RAMP	No												0					0 %	0 %	0 %	0 %	0 %
O&M	**ADMINISTRATIVE & GENERAL**	**SubTotal LEGAL**				Yes																					

SoCalGas ADMINISTRATIVE & GENERAL O&M

Type	Witness Area (Line of Business w)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Safety, Reliability, or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status	Status Variance Explanation Required?
O&M	ADMINISTRATIVE & GENERAL	ADMINISTRATIVE & GENERAL				Yes										
O&M	ADMINISTRATIVE & GENERAL	ACCOUNTING OPERATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
O&M	**ADMINISTRATIVE & GENERAL**	**SubTotal ACCOUNTING OPERATIONS**				**Yes**	**NO**	NO	NO							NO
O&M	ADMINISTRATIVE & GENERAL	ACCOUNTING RESEARCH & BUSINESS CONTROLS AND AFFILIATE BILLING & COSTING	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
O&M	**ADMINISTRATIVE & GENERAL**	**SubTotal ACCOUNTING RESEARCH & BUSINESS CONTROLS AND AFFILIATE BILLING & COSTING**				**Yes**	**NO**	NO								NO
O&M	ADMINISTRATIVE & GENERAL	GRC AND REVENUE REQUIREMENTS	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
O&M	**ADMINISTRATIVE & GENERAL**	**SubTotal GRC AND REVENUE REQUIREMENTS**				**Yes**	**NO**	NO								NO
O&M	ADMINISTRATIVE & GENERAL	BUSINESS STRATEGY & ENERGY POLICY	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
O&M	**ADMINISTRATIVE & GENERAL**	**SubTotal BUSINESS STRATEGY & ENERGY POLICY**				**Yes**	**NO**	NO								NO
O&M	ADMINISTRATIVE & GENERAL	CLAIMS MANAGEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
O&M	**ADMINISTRATIVE & GENERAL**	**SubTotal CLAIMS MANAGEMENT**				**Yes**	**NO**	NO								NO
O&M	ADMINISTRATIVE & GENERAL	CLAIMS PAYMENTS AND RECOVERY	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
O&M	**ADMINISTRATIVE & GENERAL**	**SubTotal CLAIMS PAYMENTS AND RECOVERY**				**Yes**	**NO**	NO								NO
O&M	ADMINISTRATIVE & GENERAL	CONTROLLER & CFO	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
O&M	**ADMINISTRATIVE & GENERAL**	**SubTotal CONTROLLER & CFO**				**Yes**	**NO**	NO								NO
O&M	ADMINISTRATIVE & GENERAL	DIRECTOR OF REGULATORY AFFAIRS	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
O&M	**ADMINISTRATIVE & GENERAL**	**SubTotal DIRECTOR OF REGULATORY AFFAIRS**				**Yes**	**NO**	NO								NO
O&M	ADMINISTRATIVE & GENERAL	EXTERNAL AFFAIRS	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**ADMINISTRATIVE & GENERAL**	**SubTotal EXTERNAL AFFAIRS**				**Yes**	**YES**	**NO**								**NO**
O&M	ADMINISTRATIVE & GENERAL	FINANCE	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
O&M	**ADMINISTRATIVE & GENERAL**	**SubTotal FINANCE**				**Yes**	**NO**	NO								NO
O&M	ADMINISTRATIVE & GENERAL	FINANCIAL & OPERATIONAL PLANNING	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
O&M	**ADMINISTRATIVE & GENERAL**	**SubTotal FINANCIAL & OPERATIONAL PLANNING**				**Yes**	**NO**	NO								NO
O&M	ADMINISTRATIVE & GENERAL	FINANCIAL SYSTEMS AND INNOVATION	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
O&M	**ADMINISTRATIVE & GENERAL**	**SubTotal FINANCIAL SYSTEMS AND INNOVATION**				**Yes**	**NO**	NO								NO
O&M	ADMINISTRATIVE & GENERAL	GAS DEMAND FORECASTING AND ECONOMIC ANALYSIS	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
O&M	**ADMINISTRATIVE & GENERAL**	**SubTotal GAS DEMAND FORECASTING AND ECONOMIC ANALYSIS**				**Yes**	**NO**	NO								NO
O&M	ADMINISTRATIVE & GENERAL	GAS RATES AND ANALYSIS	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
O&M	**ADMINISTRATIVE & GENERAL**	**SubTotal GAS RATES AND ANALYSIS**				**Yes**	**NO**	NO								NO
O&M	ADMINISTRATIVE & GENERAL	REGULATORY AFFAIRS STRATEGY MANAGER	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
O&M	**ADMINISTRATIVE & GENERAL**	**SubTotal REGULATORY AFFAIRS STRATEGY MANAGER**				**Yes**	**NO**	NO								NO
O&M	ADMINISTRATIVE & GENERAL	REGULATORY TARIFFS & INFO	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
O&M	**ADMINISTRATIVE & GENERAL**	**SubTotal REGULATORY TARIFFS & INFO**				**Yes**	**NO**	NO								NO
O&M	ADMINISTRATIVE & GENERAL	REGULATORY CASE MANAGEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
O&M	**ADMINISTRATIVE & GENERAL**	**SubTotal REGULATORY CASE MANAGEMENT**				**Yes**	**NO**	NO								NO
O&M	ADMINISTRATIVE & GENERAL	INNOVATION SUPPORT	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
O&M	**ADMINISTRATIVE & GENERAL**	**SubTotal INNOVATION SUPPORT**				**Yes**	**NO**	NO								NO
O&M	ADMINISTRATIVE & GENERAL	LEGAL	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
O&M	**ADMINISTRATIVE & GENERAL**	**SubTotal LEGAL**				**Yes**	**NO**	NO								NO

SoCalGas ADMINISTRATIVE & GENERAL O&M

Type	Witness Area (Line of Business w)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Status Variance Explanation	WP Activity Description	2024 GRC Testimony Location
O&M	ADMINISTRATIVE & GENERAL	ADMINISTRATIVE & GENERAL				Yes			
O&M	ADMINISTRATIVE & GENERAL	ACCOUNTING OPERATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**ADMINISTRATIVE & GENERAL**	**SubTotal ACCOUNTING OPERATIONS**				**Yes**			
O&M	ADMINISTRATIVE & GENERAL	ACCOUNTING RESEARCH & BUSINESS CONTROLS AND AFFILIATE BILLING & COSTING	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**ADMINISTRATIVE & GENERAL**	**SubTotal ACCOUNTING RESEARCH & BUSINESS CONTROLS AND AFFILIATE BILLING & COSTING**				**Yes**			
O&M	ADMINISTRATIVE & GENERAL	GRC AND REVENUE REQUIREMENTS	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**ADMINISTRATIVE & GENERAL**	**SubTotal GRC AND REVENUE REQUIREMENTS**				**Yes**			
O&M	ADMINISTRATIVE & GENERAL	BUSINESS STRATEGY & ENERGY POLICY	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**ADMINISTRATIVE & GENERAL**	**SubTotal BUSINESS STRATEGY & ENERGY POLICY**				**Yes**			
O&M	ADMINISTRATIVE & GENERAL	CLAIMS MANAGEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**ADMINISTRATIVE & GENERAL**	**SubTotal CLAIMS MANAGEMENT**				**Yes**			
O&M	ADMINISTRATIVE & GENERAL	CLAIMS PAYMENTS AND RECOVERY	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**ADMINISTRATIVE & GENERAL**	**SubTotal CLAIMS PAYMENTS AND RECOVERY**				**Yes**			
O&M	ADMINISTRATIVE & GENERAL	CONTROLLER & CFO	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**ADMINISTRATIVE & GENERAL**	**SubTotal CONTROLLER & CFO**				**Yes**			
O&M	ADMINISTRATIVE & GENERAL	DIRECTOR OF REGULATORY AFFAIRS	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**ADMINISTRATIVE & GENERAL**	**SubTotal DIRECTOR OF REGULATORY AFFAIRS**				**Yes**			
O&M	ADMINISTRATIVE & GENERAL	EXTERNAL AFFAIRS	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
O&M	**ADMINISTRATIVE & GENERAL**	**SubTotal EXTERNAL AFFAIRS**				**Yes**			
O&M	ADMINISTRATIVE & GENERAL	FINANCE	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**ADMINISTRATIVE & GENERAL**	**SubTotal FINANCE**				**Yes**			
O&M	ADMINISTRATIVE & GENERAL	FINANCIAL & OPERATIONAL PLANNING	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**ADMINISTRATIVE & GENERAL**	**SubTotal FINANCIAL & OPERATIONAL PLANNING**				**Yes**			
O&M	ADMINISTRATIVE & GENERAL	FINANCIAL SYSTEMS AND INNOVATION	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**ADMINISTRATIVE & GENERAL**	**SubTotal FINANCIAL SYSTEMS AND INNOVATION**				**Yes**			
O&M	ADMINISTRATIVE & GENERAL	GAS DEMAND FORECASTING AND ECONOMIC ANALYSIS	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**ADMINISTRATIVE & GENERAL**	**SubTotal GAS DEMAND FORECASTING AND ECONOMIC ANALYSIS**				**Yes**			
O&M	ADMINISTRATIVE & GENERAL	GAS RATES AND ANALYSIS	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**ADMINISTRATIVE & GENERAL**	**SubTotal GAS RATES AND ANALYSIS**				**Yes**			
O&M	ADMINISTRATIVE & GENERAL	REGULATORY AFFAIRS STRATEGY MANAGER	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**ADMINISTRATIVE & GENERAL**	**SubTotal REGULATORY AFFAIRS STRATEGY MANAGER**				**Yes**			
O&M	ADMINISTRATIVE & GENERAL	REGULATORY TARIFFS & INFO	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**ADMINISTRATIVE & GENERAL**	**SubTotal REGULATORY TARIFFS & INFO**				**Yes**			
O&M	ADMINISTRATIVE & GENERAL	REGULATORY CASE MANAGEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**ADMINISTRATIVE & GENERAL**	**SubTotal REGULATORY CASE MANAGEMENT**				**Yes**			
O&M	ADMINISTRATIVE & GENERAL	INNOVATION SUPPORT	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**ADMINISTRATIVE & GENERAL**	**SubTotal INNOVATION SUPPORT**				**Yes**			
O&M	ADMINISTRATIVE & GENERAL	LEGAL	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**ADMINISTRATIVE & GENERAL**	**SubTotal LEGAL**				**Yes**			

SoCalGas CORPORATE CENTER - COMPENSATION & BENEFITS O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date ($)
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	CORPORATE CENTER - COMPENSATION & BENEFITS				Yes			276,295	---	---	---	276,295	204,472	212,607	219,047	225,620	206,472
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	COMPENSATION - SPECIAL RECOGNITION AWARDS	Non-RAMP	Non-RAMP	Non-RAMP	No			73	---	---	---	73	727	749	771	794	727
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal COMPENSATION - SPECIAL RECOGNITION AWARDS**				**Yes**			**73**	**---**	**---**	**---**	**73**	**727**	**749**	**771**	**794**	**727**
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	COMPENSATION - SPOT CASH (GRC USE ONLY)	Non-RAMP	Non-RAMP	Non-RAMP	No			6,489	---	---	---	6,489	2,137	2,201	2,267	2,335	2,137
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal COMPENSATION - SPOT CASH (GRC USE ONLY)**				**Yes**			**6,489**	**---**	**---**	**---**	**6,489**	**2,137**	**2,201**	**2,267**	**2,335**	**2,137**
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	COMPENSATION - VARIABLE PAY (GRC USE ONLY)	Non-RAMP	Non-RAMP	Non-RAMP	No			109,165	---	---	---	109,165	50,676	52,196	53,762	55,375	50,676
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal COMPENSATION - VARIABLE PAY (GRC USE ONLY)**				**Yes**			**109,165**	**---**	**---**	**---**	**109,165**	**50,676**	**52,196**	**53,762**	**55,375**	**50,676**
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	HEALTH BENEFITS - DENTAL	Non-RAMP	Non-RAMP	Non-RAMP	No			3,982	---	---	---	3,982	4,387	4,519	4,655	4,795	4,387
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal HEALTH BENEFITS - DENTAL**				**Yes**			**3,982**	**---**	**---**	**---**	**3,982**	**4,387**	**4,519**	**4,655**	**4,795**	**4,387**
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	HEALTH BENEFITS - EMP ASSISTANCE PROGRAM	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	881	---	---	---	881	1,121	1,155	1,190	1,226	1,121
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal HEALTH BENEFITS - EMP ASSISTANCE PROGRAM**				**Yes**			**881**	**---**	**---**	**---**	**881**	**1,121**	**1,155**	**1,190**	**1,226**	**1,121**
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	HEALTH BENEFITS - MEDICAL	Non-RAMP	Non-RAMP	Non-RAMP	No			109,780	---	---	---	109,780	101,522	104,568	107,705	110,936	101,522
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal HEALTH BENEFITS - MEDICAL**				**Yes**			**109,780**	**---**	**---**	**---**	**109,780**	**101,522**	**104,568**	**107,705**	**110,936**	**101,522**
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	HEALTH BENEFITS - VISION	Non-RAMP	Non-RAMP	Non-RAMP	No			459	---	---	---	459	490	505	520	536	490
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal HEALTH BENEFITS - VISION**				**Yes**			**459**	**---**	**---**	**---**	**459**	**490**	**505**	**520**	**536**	**490**
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	HEALTH BENEFITS - WELLNESS	Non-RAMP	Non-RAMP	Non-RAMP	No			297	---	---	---	297	1,181	1,216	1,252	1,290	1,181
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal HEALTH BENEFITS - WELLNESS**				**Yes**			**297**	**---**	**---**	**---**	**297**	**1,181**	**1,216**	**1,252**	**1,290**	**1,181**
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	OTHER BENEFITS - BENEFIT ADMIN FEES	Non-RAMP	Non-RAMP	Non-RAMP	No			1,838	---	---	---	1,838	1,715	1,766	1,819	1,874	1,715
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal OTHER BENEFITS - BENEFIT ADMIN FEES**				**Yes**			**1,838**	**---**	**---**	**---**	**1,838**	**1,715**	**1,766**	**1,819**	**1,874**	**1,715**
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	OTHER BENEFITS - EDUCATIONAL ASSISTANCE	Non-RAMP	Non-RAMP	Non-RAMP	No			1,873	---	---	---	1,873	2,400	2,472	2,546	2,622	2,400
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal OTHER BENEFITS - EDUCATIONAL ASSISTANCE**				**Yes**			**1,873**	**---**	**---**	**---**	**1,873**	**2,400**	**2,472**	**2,546**	**2,622**	**2,400**
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	OTHER BENEFITS - EMERGENCY CARE	Non-RAMP	Non-RAMP	Non-RAMP	No			334	---	---	---	334	312	321	331	341	312
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal OTHER BENEFITS - EMERGENCY CARE**				**Yes**			**334**	**---**	**---**	**---**	**334**	**312**	**321**	**331**	**341**	**312**
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	OTHER BENEFITS - MASS TRANSIT	Non-RAMP	Non-RAMP	Non-RAMP	No			939	---	---	---	939	1,908	1,965	2,024	2,085	1,908
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal OTHER BENEFITS - MASS TRANSIT**				**Yes**			**939**	**---**	**---**	**---**	**939**	**1,908**	**1,965**	**2,024**	**2,085**	**1,908**
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	OTHER BENEFITS - RETIREMENT ACTIVITIES	Non-RAMP	Non-RAMP	Non-RAMP	No			73	---	---	---	73	158	163	168	173	158
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal OTHER BENEFITS - RETIREMENT ACTIVITIES**				**Yes**			**73**	**---**	**---**	**---**	**73**	**158**	**163**	**168**	**173**	**158**
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	OTHER BENEFITS - SERVICE RECOGNITION	Non-RAMP	Non-RAMP	Non-RAMP	No			269	---	---	---	269	219	226	233	240	219
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal OTHER BENEFITS - SERVICE RECOGNITION**				**Yes**			**269**	**---**	**---**	**---**	**269**	**219**	**226**	**233**	**240**	**219**
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	OTHER BENEFITS - SPECIAL EVENTS	Non-RAMP	Non-RAMP	Non-RAMP	No			969	---	---	---	969	291	300	309	318	291
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal OTHER BENEFITS - SPECIAL EVENTS**				**Yes**			**969**	**---**	**---**	**---**	**969**	**291**	**300**	**309**	**318**	**291**
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	RETIREMENT BENEFITS - RETIREMENT SAVINGS PLAN	Non-RAMP	Non-RAMP	Non-RAMP	No			32,519	---	---	---	32,519	34,241	35,268	36,326	37,416	34,241
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal RETIREMENT BENEFITS - RETIREMENT SAVINGS PLAN**				**Yes**			**32,519**	**---**	**---**	**---**	**32,519**	**34,241**	**35,268**	**36,326**	**37,416**	**34,241**
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	RETIREMENT BENEFITS - SUPPLEMENTAL PENSION	Non-RAMP	Non-RAMP	Non-RAMP	No			4,316	---	---	---	4,316	1,103	1,136	1,170	1,205	1,103
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal RETIREMENT BENEFITS - SUPPLEMENTAL PENSION**				**Yes**			**4,316**	**---**	**---**	**---**	**4,316**	**1,103**	**1,136**	**1,170**	**1,205**	**1,103**
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	RETIREMENT BENEFITS-NQ SAVINGS PLAN	Non-RAMP	Non-RAMP	Non-RAMP	No			345	---	---	---	345	136	140	144	148	136
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal RETIREMENT BENEFITS-NQ SAVINGS PLAN**				**Yes**			**345**	**---**	**---**	**---**	**345**	**136**	**140**	**144**	**148**	**136**
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	WELFARE BENEFITS - AD&D INSURANCE	Non-RAMP	Non-RAMP	Non-RAMP	No			157	---	---	---	157	172	177	182	187	172
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal WELFARE BENEFITS - AD&D INSURANCE**				**Yes**			**157**	**---**	**---**	**---**	**157**	**172**	**177**	**182**	**187**	**172**
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	WELFARE BENEFITS - BUSINESS TRAVEL INS	Non-RAMP	Non-RAMP	Non-RAMP	No			87	---	---	---	87	50	52	54	56	50
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal WELFARE BENEFITS - BUSINESS TRAVEL INS**				**Yes**			**87**	**---**	**---**	**---**	**87**	**50**	**52**	**54**	**56**	**50**
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	WELFARE BENEFITS - LIFE INSURANCE	Non-RAMP	Non-RAMP	Non-RAMP	No			1,412	---	---	---	1,412	1,526	1,572	1,619	1,668	1,526
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal WELFARE BENEFITS - LIFE INSURANCE**				**Yes**			**1,412**	**---**	**---**	**---**	**1,412**	**1,526**	**1,572**	**1,619**	**1,668**	**1,526**

SoCalGas CORPORATE CENTER - COMPENSATION & BENEFITS O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference ($)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	CORPORATE CENTER - COMPENSATION & BENEFITS				Yes	69,783	(212,647)	(219,847)	(225,620)	69,783	34%	-100%	-100%	-100%	34%
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	COMPENSATION - SPECIAL RECOGNITION AWARDS	Non-RAMP	Non-RAMP		No	(654)	(749)	(771)	(794)	(654)	-90%	-100%	-100%	-100%	-90%
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal COMPENSATION - SPECIAL RECOGNITION AWARDS**				**Yes**	**(654)**	**(749)**	**(771)**	**(794)**	**(654)**	**-90%**	**-100%**	**-100%**	**-100%**	**-90%**
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	COMPENSATION - SPOT CASH (GRC USE ONLY)	Non-RAMP	Non-RAMP		No	4,352	(2,201)	(2,267)	(2,335)	4,352	204%	-100%	-100%	-100%	204%
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal COMPENSATION - SPOT CASH (GRC USE ONLY)**				**Yes**	**4,352**	**(2,201)**	**(2,267)**	**(2,335)**	**4,352**	**204%**	**-100%**	**-100%**	**-100%**	**204%**
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	COMPENSATION - VARIABLE PAY (GRC USE ONLY)	Non-RAMP	Non-RAMP		No	58,489	(52,196)	(53,762)	(55,375)	58,489	115%	-100%	-100%	-100%	115%
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal COMPENSATION - VARIABLE PAY (GRC USE ONLY)**				**Yes**	**58,489**	**(52,196)**	**(53,762)**	**(55,375)**	**58,489**	**115%**	**-100%**	**-100%**	**-100%**	**115%**
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	HEALTH BENEFITS - DENTAL	Non-RAMP	Non-RAMP		No	(405)	(4,519)	(4,655)	(4,795)	(405)	-9%	-100%	-100%	-100%	-9%
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal HEALTH BENEFITS - DENTAL**				**Yes**	**(405)**	**(4,519)**	**(4,655)**	**(4,795)**	**(405)**	**-9%**	**-100%**	**-100%**	**-100%**	**-9%**
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	HEALTH BENEFITS - EMP ASSISTANCE PROGRAM	Non-RAMP	Non-RAMP		No	(240)	(1,155)	(1,190)	(1,226)	(240)	-21%	-100%	-100%	-100%	-21%
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal HEALTH BENEFITS - EMP ASSISTANCE PROGRAM**				**Yes**	**(240)**	**(1,155)**	**(1,190)**	**(1,226)**	**(240)**	**-21%**	**-100%**	**-100%**	**-100%**	**-21%**
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	HEALTH BENEFITS - MEDICAL	Non-RAMP	Non-RAMP		No	8,258	(10,4,568)	(107,705)	(110,936)	8,258	8%	-100%	-100%	-100%	8%
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal HEALTH BENEFITS - MEDICAL**				**Yes**	**8,258**	**(10,4,568)**	**(107,705)**	**(110,936)**	**8,258**	**8%**	**-100%**	**-100%**	**-100%**	**8%**
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	HEALTH BENEFITS - VISION	Non-RAMP	Non-RAMP		No	(31)	(505)	(520)	(536)	(31)	-6%	-100%	-100%	-100%	-6%
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal HEALTH BENEFITS - VISION**				**Yes**	**(31)**	**(505)**	**(520)**	**(536)**	**(31)**	**-6%**	**-100%**	**-100%**	**-100%**	**-6%**
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	HEALTH BENEFITS - WELLNESS	Non-RAMP	Non-RAMP		No	(884)	(1,216)	(1,252)	(1,290)	(884)	-75%	-100%	-100%	-100%	-75%
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal HEALTH BENEFITS - WELLNESS**				**Yes**	**(884)**	**(1,216)**	**(1,252)**	**(1,290)**	**(884)**	**-75%**	**-100%**	**-100%**	**-100%**	**-75%**
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	OTHER BENEFITS - BENEFIT ADMIN FEES	Non-RAMP	Non-RAMP		No	123	(1,766)	(1,819)	(1,874)	123	7%	-100%	-100%	-100%	7%
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal OTHER BENEFITS - BENEFIT ADMIN FEES**				**Yes**	**123**	**(1,766)**	**(1,819)**	**(1,874)**	**123**	**7%**	**-100%**	**-100%**	**-100%**	**7%**
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	OTHER BENEFITS - EDUCATIONAL ASSISTANCE	Non-RAMP	Non-RAMP		No	(527)	(2,472)	(2,546)	(2,622)	(527)	-22%	-100%	-100%	-100%	-22%
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal OTHER BENEFITS - EDUCATIONAL ASSISTANCE**				**Yes**	**(527)**	**(2,472)**	**(2,546)**	**(2,622)**	**(527)**	**-22%**	**-100%**	**-100%**	**-100%**	**-22%**
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	OTHER BENEFITS - EMERGENCY CARE	Non-RAMP	Non-RAMP		No	22	(321)	(331)	(341)	22	7%	-100%	-100%	-100%	7%
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal OTHER BENEFITS - EMERGENCY CARE**				**Yes**	**22**	**(321)**	**(331)**	**(341)**	**22**	**7%**	**-100%**	**-100%**	**-100%**	**7%**
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	OTHER BENEFITS - MASS TRANSIT	Non-RAMP	Non-RAMP		No	(969)	(1,965)	(2,024)	(2,085)	(969)	-51%	-100%	-100%	-100%	-51%
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal OTHER BENEFITS - MASS TRANSIT**				**Yes**	**(969)**	**(1,965)**	**(2,024)**	**(2,085)**	**(969)**	**-51%**	**-100%**	**-100%**	**-100%**	**-51%**
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	OTHER BENEFITS - RETIREMENT ACTIVITIES	Non-RAMP	Non-RAMP		No	(85)	(163)	(168)	(173)	(85)	-54%	-100%	-100%	-100%	-54%
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal OTHER BENEFITS - RETIREMENT ACTIVITIES**				**Yes**	**(85)**	**(163)**	**(168)**	**(173)**	**(85)**	**-54%**	**-100%**	**-100%**	**-100%**	**-54%**
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	OTHER BENEFITS - SERVICE RECOGNITION	Non-RAMP	Non-RAMP		No	50	(226)	(233)	(240)	50	23%	-100%	-100%	-100%	23%
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal OTHER BENEFITS - SERVICE RECOGNITION**				**Yes**	**50**	**(226)**	**(233)**	**(240)**	**50**	**23%**	**-100%**	**-100%**	**-100%**	**23%**
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	OTHER BENEFITS - SPECIAL EVENTS	Non-RAMP	Non-RAMP		No	678	(300)	(309)	(318)	678	233%	-100%	-100%	-100%	233%
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal OTHER BENEFITS - SPECIAL EVENTS**				**Yes**	**678**	**(300)**	**(309)**	**(318)**	**678**	**233%**	**-100%**	**-100%**	**-100%**	**233%**
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	RETIREMENT BENEFITS - RETIREMENT SAVINGS PLAN	Non-RAMP	Non-RAMP		No	(1,722)	(35,268)	(36,326)	(37,416)	(1,722)	-5%	-100%	-100%	-100%	-5%
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal RETIREMENT BENEFITS - RETIREMENT SAVINGS PLAN**				**Yes**	**(1,722)**	**(35,268)**	**(36,326)**	**(37,416)**	**(1,722)**	**-5%**	**-100%**	**-100%**	**-100%**	**-5%**
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	RETIREMENT BENEFITS - SUPPLEMENTAL PENSION	Non-RAMP	Non-RAMP		No	3,213	(1,136)	(1,170)	(1,205)	3,213	291%	-100%	-100%	-100%	291%
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal RETIREMENT BENEFITS - SUPPLEMENTAL PENSION**				**Yes**	**3,213**	**(1,136)**	**(1,170)**	**(1,205)**	**3,213**	**291%**	**-100%**	**-100%**	**-100%**	**291%**
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	RETIREMENT BENEFITS-NQ SAVINGS PLAN	Non-RAMP	Non-RAMP		No	209	(140)	(144)	(148)	209	154%	-100%	-100%	-100%	154%
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal RETIREMENT BENEFITS-NQ SAVINGS PLAN**				**Yes**	**209**	**(140)**	**(144)**	**(148)**	**209**	**154%**	**-100%**	**-100%**	**-100%**	**154%**
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	WELFARE BENEFITS - AD&D INSURANCE	Non-RAMP	Non-RAMP		No	(15)	(177)	(182)	(187)	(15)	-9%	-100%	-100%	-100%	-9%
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal WELFARE BENEFITS - AD&D INSURANCE**				**Yes**	**(15)**	**(177)**	**(182)**	**(187)**	**(15)**	**-9%**	**-100%**	**-100%**	**-100%**	**-9%**
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	WELFARE BENEFITS - BUSINESS TRAVEL INS	Non-RAMP	Non-RAMP		No	37	(52)	(54)	(56)	37	74%	-100%	-100%	-100%	74%
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal WELFARE BENEFITS - BUSINESS TRAVEL INS**				**Yes**	**37**	**(52)**	**(54)**	**(56)**	**37**	**74%**	**-100%**	**-100%**	**-100%**	**74%**
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	WELFARE BENEFITS - LIFE INSURANCE	Non-RAMP	Non-RAMP		No	(114)	(1,572)	(1,619)	(1,668)	(114)	-7%	-100%	-100%	-100%	-7%
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal WELFARE BENEFITS - LIFE INSURANCE**				**Yes**	**(114)**	**(1,572)**	**(1,619)**	**(1,668)**	**(114)**	**-7%**	**-100%**	**-100%**	**-100%**	**-7%**

SoCalGas CORPORATE CENTER - COMPENSATION & BENEFITS O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	CORPORATE CENTER - COMPENSATION & BENEFITS				Yes																					
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	COMPENSATION - SPECIAL RECOGNITION AWARDS	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	SubTotal COMPENSATION - SPECIAL RECOGNITION AWARDS				Yes																					
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	COMPENSATION - SPOT CASH (GRC USE ONLY)	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	SubTotal COMPENSATION - SPOT CASH (GRC USE ONLY)				Yes																					
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	COMPENSATION - VARIABLE PAY (GRC USE ONLY)	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	SubTotal COMPENSATION - VARIABLE PAY (GRC USE ONLY)				Yes																					
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	HEALTH BENEFITS - DENTAL	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	SubTotal HEALTH BENEFITS - DENTAL				Yes																					
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	HEALTH BENEFITS - EMP ASSISTANCE PROGRAM	Non-RAMP	Non-RAMP	Non-RAMP	No	Headcount	8,872				8,872	10,080				10,080	(1,208)	0	0	0	(1,208)	(12)%	0 %	0 %	0 %	(12)%
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	SubTotal HEALTH BENEFITS - EMP ASSISTANCE PROGRAM				Yes																					
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	HEALTH BENEFITS - MEDICAL	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	SubTotal HEALTH BENEFITS - MEDICAL				Yes																					
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	HEALTH BENEFITS - VISION	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	SubTotal HEALTH BENEFITS - VISION				Yes																					
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	HEALTH BENEFITS - WELLNESS	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	SubTotal HEALTH BENEFITS - WELLNESS				Yes																					
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	OTHER BENEFITS - BENEFIT ADMIN FEES	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	SubTotal OTHER BENEFITS - BENEFIT ADMIN FEES				Yes																					
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	OTHER BENEFITS - EDUCATIONAL ASSISTANCE	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	SubTotal OTHER BENEFITS - EDUCATIONAL ASSISTANCE				Yes																					
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	OTHER BENEFITS - EMERGENCY CARE	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	SubTotal OTHER BENEFITS - EMERGENCY CARE				Yes																					
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	OTHER BENEFITS - MASS TRANSIT	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	SubTotal OTHER BENEFITS - MASS TRANSIT				Yes																					
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	OTHER BENEFITS - RETIREMENT ACTIVITIES	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	SubTotal OTHER BENEFITS - RETIREMENT ACTIVITIES				Yes																					
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	OTHER BENEFITS - SERVICE RECOGNITION	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	SubTotal OTHER BENEFITS - SERVICE RECOGNITION				Yes																					
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	OTHER BENEFITS - SPECIAL EVENTS	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	SubTotal OTHER BENEFITS - SPECIAL EVENTS				Yes																					
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	RETIREMENT BENEFITS - RETIREMENT SAVINGS PLAN	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	SubTotal RETIREMENT BENEFITS - RETIREMENT SAVINGS PLAN				Yes																					
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	RETIREMENT BENEFITS - SUPPLEMENTAL PENSION	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	SubTotal RETIREMENT BENEFITS - SUPPLEMENTAL PENSION				Yes																					
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	RETIREMENT BENEFITS-NQ SAVINGS PLAN	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	SubTotal RETIREMENT BENEFITS-NQ SAVINGS PLAN				Yes																					
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	WELFARE BENEFITS - AD&D INSURANCE	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	SubTotal WELFARE BENEFITS - AD&D INSURANCE				Yes																					
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	WELFARE BENEFITS - BUSINESS TRAVEL INS	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	SubTotal WELFARE BENEFITS - BUSINESS TRAVEL INS				Yes																					
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	WELFARE BENEFITS - LIFE INSURANCE	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	SubTotal WELFARE BENEFITS - LIFE INSURANCE				Yes																					

SoCalGas CORPORATE CENTER - COMPENSATION & BENEFITS O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Safety, Reliability, or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status	Status Variance Explanation Required?
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	CORPORATE CENTER - COMPENSATION & BENEFITS				Yes										
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	COMPENSATION - SPECIAL RECOGNITION AWARDS	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal COMPENSATION - SPECIAL RECOGNITION AWARDS**				**Yes**	**NO**	NO								NO
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	COMPENSATION - SPOT CASH (GRC USE ONLY)	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal COMPENSATION - SPOT CASH (GRC USE ONLY)**				**Yes**	**NO**	NO								NO
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	COMPENSATION - VARIABLE PAY (GRC USE ONLY)	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal COMPENSATION - VARIABLE PAY (GRC USE ONLY)**				**Yes**	**NO**	NO								NO
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	HEALTH BENEFITS - DENTAL	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal HEALTH BENEFITS - DENTAL**				**Yes**	**NO**	NO								NO
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	HEALTH BENEFITS - EMP ASSISTANCE PROGRAM	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	Under (U)	Proceeding as Planned	NO
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal HEALTH BENEFITS - EMP ASSISTANCE PROGRAM**				**Yes**	**YES**	**NO**								**NO**
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	HEALTH BENEFITS - MEDICAL	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal HEALTH BENEFITS - MEDICAL**				**Yes**	**NO**	NO								NO
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	HEALTH BENEFITS - VISION	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal HEALTH BENEFITS - VISION**				**Yes**	**NO**	NO								NO
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	HEALTH BENEFITS - WELLNESS	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal HEALTH BENEFITS - WELLNESS**				**Yes**	**NO**	NO								NO
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	OTHER BENEFITS - BENEFIT ADMIN FEES	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal OTHER BENEFITS - BENEFIT ADMIN FEES**				**Yes**	**NO**	NO								NO
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	OTHER BENEFITS - EDUCATIONAL ASSISTANCE	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal OTHER BENEFITS - EDUCATIONAL ASSISTANCE**				**Yes**	**NO**	NO								NO
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	OTHER BENEFITS - EMERGENCY CARE	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal OTHER BENEFITS - EMERGENCY CARE**				**Yes**	**NO**	NO								NO
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	OTHER BENEFITS - MASS TRANSIT	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal OTHER BENEFITS - MASS TRANSIT**				**Yes**	**NO**	NO								NO
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	OTHER BENEFITS - RETIREMENT ACTIVITIES	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal OTHER BENEFITS - RETIREMENT ACTIVITIES**				**Yes**	**NO**	NO								NO
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	OTHER BENEFITS - SERVICE RECOGNITION	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal OTHER BENEFITS - SERVICE RECOGNITION**				**Yes**	**NO**	NO								NO
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	OTHER BENEFITS - SPECIAL EVENTS	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal OTHER BENEFITS - SPECIAL EVENTS**				**Yes**	**NO**	NO								NO
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	RETIREMENT BENEFITS - RETIREMENT SAVINGS PLAN	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal RETIREMENT BENEFITS - RETIREMENT SAVINGS PLAN**				**Yes**	**NO**	NO								NO
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	RETIREMENT BENEFITS - SUPPLEMENTAL PENSION	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal RETIREMENT BENEFITS - SUPPLEMENTAL PENSION**				**Yes**	**NO**	NO								NO
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	RETIREMENT BENEFITS-NQ SAVINGS PLAN	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal RETIREMENT BENEFITS-NQ SAVINGS PLAN**				**Yes**	**NO**	NO								NO
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	WELFARE BENEFITS - AD&D INSURANCE	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal WELFARE BENEFITS - AD&D INSURANCE**				**Yes**	**NO**	NO								NO
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	WELFARE BENEFITS - BUSINESS TRAVEL INS	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal WELFARE BENEFITS - BUSINESS TRAVEL INS**				**Yes**	**NO**	NO								NO
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	WELFARE BENEFITS - LIFE INSURANCE	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal WELFARE BENEFITS - LIFE INSURANCE**				**Yes**	**NO**	NO								NO

SoCalGas CORPORATE CENTER - COMPENSATION & BENEFITS O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Status Variance Explanation	WP Activity Description	2024 GRC Testimony Location
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	CORPORATE CENTER - COMPENSATION & BENEFITS				Yes			
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	COMPENSATION - SPECIAL RECOGNITION AWARDS	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal COMPENSATION - SPECIAL RECOGNITION AWARDS**				**Yes**			
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	COMPENSATION - SPOT CASH (GRC USE ONLY)	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal COMPENSATION - SPOT CASH (GRC USE ONLY)**				**Yes**			
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	COMPENSATION - VARIABLE PAY (GRC USE ONLY)	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal COMPENSATION - VARIABLE PAY (GRC USE ONLY)**				**Yes**			
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	HEALTH BENEFITS - DENTAL	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal HEALTH BENEFITS - DENTAL**				**Yes**			
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	HEALTH BENEFITS - EMP ASSISTANCE PROGRAM	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal HEALTH BENEFITS - EMP ASSISTANCE PROGRAM**				**Yes**			
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	HEALTH BENEFITS - MEDICAL	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal HEALTH BENEFITS - MEDICAL**				**Yes**			
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	HEALTH BENEFITS - VISION	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal HEALTH BENEFITS - VISION**				**Yes**			
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	HEALTH BENEFITS - WELLNESS	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal HEALTH BENEFITS - WELLNESS**				**Yes**			
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	OTHER BENEFITS - BENEFIT ADMIN FEES	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal OTHER BENEFITS - BENEFIT ADMIN FEES**				**Yes**			
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	OTHER BENEFITS - EDUCATIONAL ASSISTANCE	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal OTHER BENEFITS - EDUCATIONAL ASSISTANCE**				**Yes**			
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	OTHER BENEFITS - EMERGENCY CARE	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal OTHER BENEFITS - EMERGENCY CARE**				**Yes**			
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	OTHER BENEFITS - MASS TRANSIT	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal OTHER BENEFITS - MASS TRANSIT**				**Yes**			
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	OTHER BENEFITS - RETIREMENT ACTIVITIES	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal OTHER BENEFITS - RETIREMENT ACTIVITIES**				**Yes**			
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	OTHER BENEFITS - SERVICE RECOGNITION	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal OTHER BENEFITS - SERVICE RECOGNITION**				**Yes**			
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	OTHER BENEFITS - SPECIAL EVENTS	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal OTHER BENEFITS - SPECIAL EVENTS**				**Yes**			
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	RETIREMENT BENEFITS - RETIREMENT SAVINGS PLAN	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal RETIREMENT BENEFITS - RETIREMENT SAVINGS PLAN**				**Yes**			
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	RETIREMENT BENEFITS - SUPPLEMENTAL PENSION	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal RETIREMENT BENEFITS - SUPPLEMENTAL PENSION**				**Yes**			
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	RETIREMENT BENEFITS-NQ SAVINGS PLAN	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal RETIREMENT BENEFITS-NQ SAVINGS PLAN**				**Yes**			
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	WELFARE BENEFITS - AD&D INSURANCE	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal WELFARE BENEFITS - AD&D INSURANCE**				**Yes**			
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	WELFARE BENEFITS - BUSINESS TRAVEL INS	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal WELFARE BENEFITS - BUSINESS TRAVEL INS**				**Yes**			
O&M	CORPORATE CENTER - COMPENSATION & BENEFITS	WELFARE BENEFITS - LIFE INSURANCE	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**CORPORATE CENTER - COMPENSATION & BENEFITS**	**SubTotal WELFARE BENEFITS - LIFE INSURANCE**				**Yes**			

SoCalGas CORPORATE CENTER - GENERAL ADMINISTRATION O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date ($)
O&M	**CORPORATE CENTER - GENERAL ADMINISTRATION**	**CORPORATE CENTER - GENERAL ADMINISTRATION**				**Yes**			**77,976**	**—**	**—**	**—**	**77,976**	**63,360**	**65,261**	**67,219**	**69,236**	**63,360**
O&M	CORPORATE CENTER - GENERAL ADMINISTRATION	SECC DERPRECIATION ROR - F923.4	Non-RAMP	Non-RAMP	Non-RAMP	No			1,693	—	—	—	1,693	2,065	2,127	2,191	2,257	2,065
O&M	**CORPORATE CENTER - GENERAL ADMINISTRATION**	**SubTotal SECC DERPRECIATION ROR - F923.4**				**Yes**			**1,693**	**—**	**—**	**—**	**1,693**	**2,065**	**2,127**	**2,191**	**2,257**	**2,065**
O&M	CORPORATE CENTER - GENERAL ADMINISTRATION	SECC OUTSIDE SERVICES EMPLOYED - F923.1	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	75,593	—	—	—	75,593	60,477	62,291	64,160	66,085	60,477
O&M	CORPORATE CENTER - GENERAL ADMINISTRATION	SECC OUTSIDE SERVICES EMPLOYED - F923.1	Physical Security	Planning, Awareness, Risk Management, and Incident Management	Planning, Awareness, Risk Management, and Incident Management	No	On-going	Annual	689	—	—	—	689	818	843	868	894	818
O&M	**CORPORATE CENTER - GENERAL ADMINISTRATION**	**SubTotal SECC OUTSIDE SERVICES EMPLOYED - F923.1**				**Yes**			**76,282**	**—**	**—**	**—**	**76,282**	**61,295**	**63,134**	**65,028**	**66,979**	**61,295**

9 of Callan CORPO HAIR CENTER - G (GENERAL ADMINISTRATION 1&1/8)

Year	Subject Area Primary Activity	WC Activity Description Primary Activity Description	BAMP Level 1 Process	BAMP Level 2 Process Activity	BAMP Level 3 Process Activity	Y or N	Annual Cost Driver Quantity - BAU	Annual Cost Driver Quantity - Future	Annual Cost Driver Growth %	Annual Cost Driver Change	Annual Cost Driver Quantity - BAU	Annual Cost Driver Quantity - Future	Annual Cost Driver Growth %	Annual Cost Driver Change	Annual Cost Driver Quantity - BAU	Annual Cost Driver Quantity - Future
2024	CORPORATE CENTRE - GENERAL ADMINISTRATION	2024 CHEMICAL SERVICE - TOUCH UP	Level 1 BAU	Level 2 BAU	Level 3 BAU	No	1,000	1,000	0.00%	0	1,000	1,000	0.00%	0	1,000	1,000
2024	CORPORATE CENTRE - GENERAL ADMINISTRATION	2024 CUT/SIDE SERVICE - FULL LOVED	Level 1 BAU	Level 2 BAU	Level 3 BAU	No	1,000	1,000	0.00%	0	1,000	1,000	0.00%	0	1,000	1,000
2024	CORPORATE CENTRE - GENERAL ADMINISTRATION	2024 CUT/SIDE SERVICE - TOUCH UP	Level 1 BAU	Level 2 BAU	Level 3 BAU	No	1,000	1,000	0.00%	0	1,000	1,000	0.00%	0	1,000	1,000
2024	CORPORATE CENTRE - GENERAL ADMINISTRATION	**Total 2024 CHEMICAL SERVICE - TOUCH UP**				**No**	**1,000**	**1,000**	**0.00%**	**0**	**1,000**	**1,000**	**0.00%**	**0**	**1,000**	**1,000**
2024	CORPORATE CENTRE - GENERAL ADMINISTRATION	**Total 2024 CUT/SIDE SERVICE - FULL LOVED**				**No**	**1,000**	**1,000**	**0.00%**	**0**	**1,000**	**1,000**	**0.00%**	**0**	**1,000**	**1,000**
2024	CORPORATE CENTRE - GENERAL ADMINISTRATION	**Total 2024 CUT/SIDE SERVICE - TOUCH UP**				**No**	**1,000**	**1,000**	**0.00%**	**0**	**1,000**	**1,000**	**0.00%**	**0**	**1,000**	**1,000**
2024	CORPORATE CENTRE - GENERAL ADMINISTRATION	2024 CUT/SIDE SERVICE - FULL LOVED	Level 1 BAU	Level 2 BAU	Level 3 BAU	No	1,000	1,000	0.00%	0	1,000	1,000	0.00%	0	1,000	1,000
2024	CORPORATE CENTRE - GENERAL ADMINISTRATION	**Total 2024 CHEMICAL SERVICE - FULL LOVED**				**No**	**1,000**	**1,000**	**0.00%**	**0**	**1,000**	**1,000**	**0.00%**	**0**	**1,000**	**1,000**
2025	CORPORATE CENTRE - GENERAL ADMINISTRATION	2025 CHEMICAL SERVICE - FULL LOVED	Level 1 BAU	Level 2 BAU	Level 3 BAU	No	1,000	1,000	0.00%	0	1,000	1,000	0.00%	0	1,000	1,000
2025	CORPORATE CENTRE - GENERAL ADMINISTRATION	2025 CHEMICAL SERVICE - TOUCH UP	Level 1 BAU	Level 2 BAU	Level 3 BAU	No	1,000	1,000	0.00%	0	1,000	1,000	0.00%	0	1,000	1,000
2025	CORPORATE CENTRE - GENERAL ADMINISTRATION	2025 CUT/SIDE SERVICE - FULL LOVED	Level 1 BAU	Level 2 BAU	Level 3 BAU	No	1,000	1,000	0.00%	0	1,000	1,000	0.00%	0	1,000	1,000
2025	CORPORATE CENTRE - GENERAL ADMINISTRATION	2025 CUT/SIDE SERVICE - TOUCH UP	Level 1 BAU	Level 2 BAU	Level 3 BAU	No	1,000	1,000	0.00%	0	1,000	1,000	0.00%	0	1,000	1,000
2025	CORPORATE CENTRE - GENERAL ADMINISTRATION	**Total 2025 CHEMICAL SERVICE - FULL LOVED**				**No**	**1,000**	**1,000**	**0.00%**	**0**	**1,000**	**1,000**	**0.00%**	**0**	**1,000**	**1,000**
2025	CORPORATE CENTRE - GENERAL ADMINISTRATION	**Total 2025 CHEMICAL SERVICE - TOUCH UP**				**No**	**1,000**	**1,000**	**0.00%**	**0**	**1,000**	**1,000**	**0.00%**	**0**	**1,000**	**1,000**
2025	CORPORATE CENTRE - GENERAL ADMINISTRATION	**Total 2025 CUT/SIDE SERVICE - FULL LOVED**				**No**	**1,000**	**1,000**	**0.00%**	**0**	**1,000**	**1,000**	**0.00%**	**0**	**1,000**	**1,000**
2025	CORPORATE CENTRE - GENERAL ADMINISTRATION	**Total 2025 CUT/SIDE SERVICE - TOUCH UP**				**No**	**1,000**	**1,000**	**0.00%**	**0**	**1,000**	**1,000**	**0.00%**	**0**	**1,000**	**1,000**
2024	CORPORATE CENTRE - GENERAL ADMINISTRATION	2024 CUT/SIDE SERVICE - FULL LOVED + IT BUL	Non-BAMP	Non-BAMP	Non-BAMP	No	15,216	462,294	2941.56%	494,630	494,846	29,118	0%	-1600%	-1486	-1600%	2%
2024	CORPORATE CENTRE - GENERAL ADMINISTRATION	2024 CUT/SIDE SERVICE - TOUCH UP + IT BUL	Physical Assets	Plumbing, Accessories, Risk Management, and Sundries Management	Plumbing, Accessories, Risk Management, and Sundries Management	No	1,126	1,803	60%	676	1,126	451	-150%	-1,688	-1,126	-150%	147%
2024	CORPORATE CENTRE - GENERAL ADMINISTRATION	**Total 2024 CUT/SIDE SERVICE - FULL LOVED + IT BUL**				**No**	**16,342**	**463,910**	**2838.00%**	**495,306**	**495,972**	**29,570**	**0%**	**-1600%**	**-1487**	**-1600%**	**2%**

SubCollection: CORPO HAUR CENTER - G (GENERAL ADMINISTRATION O&M)

Type	WBS Activity Description Activity Description	WBS Activity Description Activity Description	BAMP Risk Owner(s)	BAMP Risk Owner Action	BAMP Risk Owner Action	Risk ID	Total Allocated Risk Funds	Actual Date mm/dd/yy	Actual Units Number	Actual Units Number	Actual Units Number	Actual Units Number	Projected Authorized Units Number	Projected Authorized Units Number	Projected Authorized Units Number	Projected Authorized Units Number	Projected Authorized Units Number	Allocated Funds Used to Date Dollars	Allocated Funds Remaining Dollars	Allocated Funds Remaining Dollars	Allocated Funds Remaining Dollars	Allocated Funds Remaining Dollars	Allocated Funds Remaining Dollars	Allocated Funds Remaining Dollars	Allocated Funds Remaining Dollars	Allocated Funds Remaining Dollars	Allocated Funds Remaining Dollars	Allocated Funds Remaining Dollars	Allocated Funds Remaining Dollars
O&M	1200F-OLATA CENTRE - GENERAL ADMINISTRATION	1200-CUSTODIAL SERVICES-1200F-OLATA CENTRE	Client PMT	Client PMT																									
O&M	1200F-OLATA CENTRE - GENERAL ADMINISTRATION	1200-CUSTODIAL SERVICES-1200F-OLATA CENTRE	Client PMT	Client PMT																									
O&M	CORPO HAUR CENTRE - GENERAL ADMINISTRATION	Not Used for Activity Description																											
O&M	1200F-OLATA CENTRE - GENERAL ADMINISTRATION	1200-CUSTODIAL SERVICES-1200F-OLATA CENTRE - F ELL	Asset Staff	Asset BAMP	Asset BAMP	Asset BAMP	No	The costs in this collection item for following Scopes from gr. 4 report of Asset HE CC Structure: finance including audit/bank fees, human resources, legal and outside legal counsel, internal affairs, facilities, and employee benefits. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																			
O&M	1200F-OLATA CENTRE - GENERAL ADMINISTRATION	1200-CUSTODIAL SERVICES-1200F-OLATA CENTRE - F ELL	Physical Assets & Flooding, Awareness, Risk Management, and Analytical Management		Flooding, Awareness, Risk Management, and Analytical Management		No	The costs in this collection item for following Scopes from gr. 4 report of Asset HE CC Structure: finance including audit/bank fees, human resources, legal and outside legal counsel, internal affairs, facilities, and employee benefits. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																			
O&M	CORPO HAUR CENTRE - GENERAL ADMINISTRATION	Not Used for Activity Description					No																						

SoCalGas CORPORATE CENTER - GENERAL ADMINISTRATION O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Safety, Reliability, or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status	Status Variance Explanation Required?
O&M	**CORPORATE CENTER - GENERAL ADMINISTRATION**	**CORPORATE CENTER - GENERAL ADMINISTRATION**				**Yes**										
O&M	CORPORATE CENTER - GENERAL ADMINISTRATION	SECC DERPRECIATION ROR - F923.4	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
O&M	**CORPORATE CENTER - GENERAL ADMINISTRATION**	**SubTotal SECC DERPRECIATION ROR - F923.4**				**Yes**	**NO**	NO								NO
O&M	CORPORATE CENTER - GENERAL ADMINISTRATION	SECC OUTSIDE SERVICES EMPLOYED - F923.1	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	YES	NO	The variance in 2024 actuals is due to higher than authorized costs allocated to SoCalGas by Corporate Center due to spending over authorized on outside legal counsel, finance and bank fees incurred, outside services, and incentive compensation.		On Target (T)	On Target (T)	Over (O)	Proceeding as Planned	NO
O&M	CORPORATE CENTER - GENERAL ADMINISTRATION	SECC OUTSIDE SERVICES EMPLOYED - F923.1	Physical Security	Planning, Awareness, Risk Management, and Incident Management	Planning, Awareness, Risk Management, and Incident Management	No	YES	NO	NO			On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**CORPORATE CENTER - GENERAL ADMINISTRATION**	**SubTotal SECC OUTSIDE SERVICES EMPLOYED - F923.1**				**Yes**	**YES**	**YES**								**NO**

9 of Callan CORPO HAR CENTER - G GENERAL ADMINISTRATION 1&1 M

Type	WBS Code WBS Description	WP Activity Description Activity Description	RAMP Level Hours	RAMP Level Activity	RAMP Level Activity	Level of Effort	Work Category Description	Work Activity Description	Work Activity Assumptions
WBS	1.3 HP OFFICE CENTER - GENERAL ADMINISTRATION	1&1 CAT SERVICE SUPPORT 1 HP LOVED - T IT1.1	Non-RAMP	Non-RAMP	Non-RAMP	No			
WBS	CORPORATE CENTER - GENERAL ADMINISTRATION	Total CAT SERVICE SUPPORT 1 CENTER - IT1.1				No			
Task	1.3 HP OFFICE CENTER - GENERAL ADMINISTRATION	1&1 CAT SERVICE SUPPORT 1 HP LOVED - T IT1.1	Non-RAMP	Non-RAMP	Non-RAMP	No			
Task	1.3 HP OFFICE CENTER - GENERAL ADMINISTRATION	1&1 CAT SERVICE SUPPORT 1 HP LOVED - T IT1.1	Physical Security	Planning, Awareness, Risk Management, and Analytical Management	Planning, Awareness, Risk Management, and Analytical Management	No			
WBS	CORPORATE CENTER - GENERAL ADMINISTRATION	Total 1&1 CAT SERVICE SUPPORT 1 CENTER - IT1.1				No			

SoCalGas CORPORATE CENTER - INSURANCE O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date ($)
O&M	CORPORATE CENTER - INSURANCE	CORPORATE CENTER - INSURANCE				Yes			7,506	---	---	---	7,506	9,925	10,221	10,529	10,845	9,925
O&M	CORPORATE CENTER - INSURANCE	SECC PROPERTY INSURANCE NON-NUCLEAR - 924.0	Non-RAMP	Non-RAMP	Non-RAMP	No			7,444	---	---	---	7,444	9,852	10,148	10,452	10,766	9,852
O&M	**CORPORATE CENTER - INSURANCE**	**SubTotal SECC PROPERTY INSURANCE NON-NUCLEAR - 924.0**				**Yes**			**7,444**	**---**	**---**	**---**	**7,444**	**9,852**	**10,148**	**10,452**	**10,766**	**9,852**
O&M	CORPORATE CENTER - INSURANCE	SECC SURETY BONDS - F925.6	Non-RAMP	Non-RAMP	Non-RAMP	No			62	---	---	---	62	73	73	77	79	73
O&M	**CORPORATE CENTER - INSURANCE**	**SubTotal SECC SURETY BONDS - F925.6**				**Yes**			**62**	**---**	**---**	**---**	**62**	**73**	**75**	**77**	**79**	**73**

SoCalGas CORPORATE CENTER - INSURANCE O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference ($)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
O&M	CORPORATE CENTER - INSURANCE	CORPORATE CENTER - INSURANCE				Yes	(2,419)	(10,223)	(10,529)	(10,845)	(2,419)	-24%	-100%	-100%	-100%	-24%
O&M	CORPORATE CENTER - INSURANCE	SECC PROPERTY INSURANCE NON-NUCLEAR - 924.0	Non-RAMP	Non-RAMP	Non-RAMP	No	(2,408)	(10,140)	(10,452)	(10,766)	(2,408)	-24%	-100%	-100%	-100%	-24%
O&M	**CORPORATE CENTER - INSURANCE**	**SubTotal SECC PROPERTY INSURANCE NON-NUCLEAR - 924.0**				**Yes**	**(2,408)**	**(10,140)**	**(10,452)**	**(10,766)**	**(2,408)**	**-24%**	**-100%**	**-100%**	**-100%**	**-24%**
O&M	CORPORATE CENTER - INSURANCE	SECC SURETY BONDS - F925.6	Non-RAMP	Non-RAMP	Non-RAMP	No	(11)	(75)	(77)	(79)	(11)	-15%	-100%	-100%	-100%	-15%
O&M	**CORPORATE CENTER - INSURANCE**	**SubTotal SECC SURETY BONDS - F925.6**				**Yes**	**(11)**	**(75)**	**(77)**	**(79)**	**(11)**	**-15%**	**-100%**	**-100%**	**-100%**	**-15%**

SoCalGas CORPORATE CENTER - INSURANCE O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
O&M	CORPORATE CENTER - INSURANCE	CORPORATE CENTER - INSURANCE				Yes																					
O&M	CORPORATE CENTER - INSURANCE	SECC PROPERTY INSURANCE NON-NUCLEAR - 924.0	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	**CORPORATE CENTER - INSURANCE**	**SubTotal SECC PROPERTY INSURANCE NON-NUCLEAR - 924.0**				**Yes**																					
O&M	CORPORATE CENTER - INSURANCE	SECC SURETY BONDS - F925.6	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	**CORPORATE CENTER - INSURANCE**	**SubTotal SECC SURETY BONDS - F925.6**				**Yes**																					

SoCalGas CORPORATE CENTER - INSURANCE O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Safety, Reliability, or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status	Status Variance Explanation Required?
O&M	CORPORATE CENTER - INSURANCE	CORPORATE CENTER - INSURANCE				Yes										
O&M	CORPORATE CENTER - INSURANCE	SECC PROPERTY INSURANCE NON-NUCLEAR - 924.0	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
O&M	**CORPORATE CENTER - INSURANCE**	**SubTotal SECC PROPERTY INSURANCE NON-NUCLEAR - 924.0**				**Yes**	**NO**	NO								NO
O&M	CORPORATE CENTER - INSURANCE	SECC SURETY BONDS - F925.6	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
O&M	**CORPORATE CENTER - INSURANCE**	**SubTotal SECC SURETY BONDS - F925.6**				**Yes**	**NO**	NO								NO

SoCalGas CORPORATE CENTER - INSURANCE O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Status Variance Explanation	WP Activity Description	2024 GRC Testimony Location
O&M	CORPORATE CENTER - INSURANCE	CORPORATE CENTER - INSURANCE				Yes			
O&M	CORPORATE CENTER - INSURANCE	SECC PROPERTY INSURANCE NON-NUCLEAR - 924.0	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**CORPORATE CENTER - INSURANCE**	**SubTotal SECC PROPERTY INSURANCE NON-NUCLEAR - 924.0**				**Yes**			
O&M	CORPORATE CENTER - INSURANCE	SECC SURETY BONDS - F925.6	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**CORPORATE CENTER - INSURANCE**	**SubTotal SECC SURETY BONDS - F925.6**				**Yes**			

SoCalGas CYBERSECURITY O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date ($)
O&M	CYBERSECURITY	CYBERSECURITY				Yes			8,586	—	—	—	8,586	4,392	4,524	4,660	4,800	4,392
O&M	CYBERSECURITY	SHARED CYBERSECURITY	Cybersecurity	All Mitigations (C01 - C05)	Overall	No	On-going	Annual	8,586	—	—	—	8,586	4,392	4,524	4,660	4,800	4,392
O&M	**CYBERSECURITY**	**SubTotal SHARED CYBERSECURITY**				**Yes**			**8,586**	**—**	**—**	**—**	**8,586**	**4,392**	**4,524**	**4,660**	**4,800**	**4,392**

SoCalGas CYBERSECURITY O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference ($)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
O&M	CYBERSECURITY	CYBERSECURITY				Yes	4,194	(4,524)	(4,660)	(4,800)	4,194	95%	-100%	-100%	-100%	95%
O&M	CYBERSECURITY	SHARED CYBERSECURITY	Cybersecurity	All Mitigations (C01 - C05)	Overall	No	4,194	(4,524)	(4,660)	(4,800)	4,194	95%	-100%	-100%	-100%	95%
O&M	**CYBERSECURITY**	**SubTotal SHARED CYBERSECURITY**				**Yes**	**4,194**	**(4,524)**	**(4,660)**	**(4,800)**	**4,194**	**95%**	**-100%**	**-100%**	**-100%**	**95%**

SoCalGas CYBERSECURITY O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
O&M	CYBERSECURITY	CYBERSECURITY				Yes																					
O&M	CYBERSECURITY	SHARED CYBERSECURITY	Cybersecurity	All Mitigations (C01 - C05)	Overall	No	FTE	16				16	11				11	5	0	0	0	5	41 %	0 %	0 %	0 %	41 %
O&M	**CYBERSECURITY**	**SubTotal SHARED CYBERSECURITY**				**Yes**																					

SoCalGas CYBERSECURITY O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Safety, Reliability, or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status	Status Variance Explanation Required?
O&M	CYBERSECURITY	CYBERSECURITY				Yes										
O&M	CYBERSECURITY	SHARED CYBERSECURITY	Cybersecurity	All Mitigations (C01 - C05)	Overall	No	YES	YES	YES	The variance is due to higher computer hardware, software and maintenance costs to support the continuation of core cyber capabilities that were higher than forecasted, as well as having an increase in internal resources needed to mitigate cyber risks.	The variance is due to increased headcount to support the increasing number of projects and technologies being implemented as well as additional support being needed for engineering and architecture work on several core cybersecurity infrastructures.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**CYBERSECURITY**	**SubTotal SHARED CYBERSECURITY**				**Yes**	**YES**	**YES**								**NO**

SoCalGas CYBERSECURITY O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Status Variance Explanation	WP Activity Description	2024 GRC Testimony Location
O&M	CYBERSECURITY	CYBERSECURITY				Yes			
O&M	CYBERSECURITY	SHARED CYBERSECURITY	Cybersecurity	All Mitigations (C01 - C05)	Overall	No	N/A	The shared SCG cybersecurity costs represent labor and non-labor for five cybersecurity areas where costs are shared between multiple business units and support the objectives of operating and maintaining the company infrastructure systems safely and reliably. Cybersecurity supports the necessary resources and systems maintenance needs of the following functional cybersecurity areas: threat intelligence; monitoring, alerting and detection; systems operations; incident response; insider threat; vulnerability management; assessments; compliance; risk management; program office; consulting and engineering.	SCG-22-R LBM-12 to LM-18 WP 2200-0430.000
O&M	**CYBERSECURITY**	**SubTotal SHARED CYBERSECURITY**				**Yes**			

SoCalGas FLEET SERVICES O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date ($)
O&M	FLEET SERVICES	FLEET SERVICES				Yes			66,685	—	—	—	66,685	71,891	74,113	76,213	78,668	71,891
O&M	FLEET SERVICES	AUTOMOTIVE FUEL	Non-RAMP	Non-RAMP	Non-RAMP	No			11,674	—	—	—	11,674	12,706	13,087	13,480	13,884	12,706
O&M	**FLEET SERVICES**	**SubTotal AUTOMOTIVE FUEL**				**Yes**			**11,674**	**—**	**—**	**—**	**11,674**	**12,706**	**13,087**	**13,480**	**13,884**	**12,706**
O&M	FLEET SERVICES	DIRECTOR	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	405	—	—	—	405	414	426	439	452	414
O&M	**FLEET SERVICES**	**SubTotal DIRECTOR**				**Yes**			**405**	**—**	**—**	**—**	**405**	**414**	**426**	**439**	**452**	**414**
O&M	FLEET SERVICES	EXISTING FLEET LEASES & FEES	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	18,822	—	—	—	18,822	13,607	14,014	14,434	14,867	13,607
O&M	FLEET SERVICES	EXISTING FLEET LEASES & FEES	Energy Resilience	Renewable Natural Gas Vehicles	N/A	No	On-going	Annual	1,835	—	—	—	1,835	1,437	1,481	1,526	1,572	1,437
O&M	FLEET SERVICES	EXISTING FLEET LEASES & FEES	Energy Resilience	Hydrogen Vehicles	N/A	No	On-going	Annual	166	—	—	—	166	—	—	—	—	—
O&M	**FLEET SERVICES**	**SubTotal EXISTING FLEET LEASES & FEES**				**Yes**			**20,822**	**—**	**—**	**—**	**20,822**	**15,044**	**15,495**	**15,960**	**16,439**	**15,044**
O&M	FLEET SERVICES	FLEET MANAGEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No			3,044	—	—	—	3,044	2,599	2,677	2,757	2,840	2,599
O&M	**FLEET SERVICES**	**SubTotal FLEET MANAGEMENT**				**Yes**			**3,044**	**—**	**—**	**—**	**3,044**	**2,599**	**2,677**	**2,757**	**2,840**	**2,599**
O&M	FLEET SERVICES	MAINTENANCE OPERATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No			17,978	—	—	—	17,978	17,356	17,877	18,413	18,965	17,356
O&M	**FLEET SERVICES**	**SubTotal MAINTENANCE OPERATIONS**				**Yes**			**17,978**	**—**	**—**	**—**	**17,978**	**17,356**	**17,877**	**18,413**	**18,965**	**17,356**
O&M	FLEET SERVICES	SALVAGE & REPLACEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No			3,092	—	—	—	3,092	5,936	6,114	6,297	6,486	5,936
O&M	**FLEET SERVICES**	**SubTotal SALVAGE & REPLACEMENT**				**Yes**			**3,092**	**—**	**—**	**—**	**3,092**	**5,936**	**6,114**	**6,297**	**6,486**	**5,936**
O&M	FLEET SERVICES	TELEMATICS SERVICE FEES	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	942	—	—	—	942	2,960	3,049	3,140	3,234	2,960
O&M	**FLEET SERVICES**	**SubTotal TELEMATICS SERVICE FEES**				**Yes**			**942**	**—**	**—**	**—**	**942**	**2,960**	**3,049**	**3,140**	**3,234**	**2,960**
O&M	FLEET SERVICES	VEHICLE ADDITIONS	Non-RAMP	Non-RAMP	Non-RAMP	No			2,344	—	—	—	2,344	5,022	5,173	5,328	5,488	5,022
O&M	**FLEET SERVICES**	**SubTotal VEHICLE ADDITIONS**				**Yes**			**2,344**	**—**	**—**	**—**	**2,344**	**5,022**	**5,173**	**5,328**	**5,488**	**5,022**
O&M	FLEET SERVICES	ZERO EMISSION VEHICLES & RENEWABLE NATURAL GAS VEHICLES	Energy Resilience	Electric Vehicles	N/A	No	On-going	Annual	397	—	—	—	397	632	651	671	691	632
O&M	FLEET SERVICES	ZERO EMISSION VEHICLES & RENEWABLE NATURAL GAS VEHICLES	Energy Resilience	Hydrogen Vehicles	N/A	No	On-going	Annual	206	—	—	—	206	—	—	—	—	—
O&M	FLEET SERVICES	ZERO EMISSION VEHICLES & RENEWABLE NATURAL GAS VEHICLES	Energy Resilience	Zero Emission Vehicles & Renewable Natural Gas Vehicles	N/A	No	On-going	Annual	5,783	—	—	—	5,783	9,322	9,602	9,890	10,187	9,322
O&M	**FLEET SERVICES**	**SubTotal ZERO EMISSION VEHICLES & RENEWABLE NATURAL GAS VEHICLES**				**Yes**			**6,386**	**—**	**—**	**—**	**6,386**	**9,954**	**10,253**	**10,561**	**10,878**	**9,954**

SoCalGas FLEET SERVICES O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference ($)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
O&M	FLEET SERVICES	FLEET SERVICES				Yes	(5,303)	(14,151)	(14,378)	(14,664)	(5,303)	-2%	-100%	-100%	-100%	-72%
O&M	FLEET SERVICES	AUTOMOTIVE FUEL	Non-RAMP	Non-RAMP	Non-RAMP	No	(1,032)	(13,087)	(13,480)	(13,884)	(1,032)	-8%	-100%	-100%	-100%	-8%
O&M	**FLEET SERVICES**	**SubTotal AUTOMOTIVE FUEL**				**Yes**	**(1,032)**	**(13,087)**	**(13,480)**	**(13,884)**	**(1,032)**	**-8%**	**-100%**	**-100%**	**-100%**	**-8%**
O&M	FLEET SERVICES	DIRECTOR	Non-RAMP	Non-RAMP	Non-RAMP	No	(9)	(426)	(439)	(452)	(9)	-2%	-100%	-100%	-100%	-2%
O&M	**FLEET SERVICES**	**SubTotal DIRECTOR**				**Yes**	**(9)**	**(426)**	**(439)**	**(452)**	**(9)**	**-2%**	**-100%**	**-100%**	**-100%**	**-2%**
O&M	FLEET SERVICES	EXISTING FLEET LEASES & FEES	Non-RAMP	Non-RAMP	Non-RAMP	No	5,215	(14,014)	(14,434)	(14,867)	5,215	38%	-100%	-100%	-100%	38%
O&M	FLEET SERVICES	EXISTING FLEET LEASES & FEES	Energy Resilience	Renewable Natural Gas Vehicles	N/A	No	398	(1,481)	(1,526)	(1,572)	398	28%	-100%	-100%	-100%	28%
O&M	FLEET SERVICES	EXISTING FLEET LEASES & FEES	Energy Resilience	Hydrogen Vehicles	N/A	No	166	---	---	---	166	100%	---%	---%	---%	100%
O&M	**FLEET SERVICES**	**SubTotal EXISTING FLEET LEASES & FEES**				**Yes**	**5,778**	**(15,495)**	**(15,960)**	**(16,439)**	**5,778**	**38%**	**-100%**	**-100%**	**-100%**	**38%**
O&M	FLEET SERVICES	FLEET MANAGEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	445	(2,677)	(2,757)	(2,840)	445	17%	-100%	-100%	-100%	17%
O&M	**FLEET SERVICES**	**SubTotal FLEET MANAGEMENT**				**Yes**	**445**	**(2,677)**	**(2,757)**	**(2,840)**	**445**	**17%**	**-100%**	**-100%**	**-100%**	**17%**
O&M	FLEET SERVICES	MAINTENANCE OPERATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	622	(17,877)	(18,413)	(18,965)	622	4%	-100%	-100%	-100%	4%
O&M	**FLEET SERVICES**	**SubTotal MAINTENANCE OPERATIONS**				**Yes**	**622**	**(17,877)**	**(18,413)**	**(18,965)**	**622**	**4%**	**-100%**	**-100%**	**-100%**	**4%**
O&M	FLEET SERVICES	SALVAGE & REPLACEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	(2,844)	(6,114)	(6,297)	(6,486)	(2,844)	-48%	-100%	-100%	-100%	-48%
O&M	**FLEET SERVICES**	**SubTotal SALVAGE & REPLACEMENT**				**Yes**	**(2,844)**	**(6,114)**	**(6,297)**	**(6,486)**	**(2,844)**	**-48%**	**-100%**	**-100%**	**-100%**	**-48%**
O&M	FLEET SERVICES	TELEMATICS SERVICE FEES	Non-RAMP	Non-RAMP	Non-RAMP	No	(2,018)	(3,049)	(3,140)	(3,234)	(2,018)	-68%	-100%	-100%	-100%	-68%
O&M	**FLEET SERVICES**	**SubTotal TELEMATICS SERVICE FEES**				**Yes**	**(2,018)**	**(3,049)**	**(3,140)**	**(3,234)**	**(2,018)**	**-68%**	**-100%**	**-100%**	**-100%**	**-68%**
O&M	FLEET SERVICES	VEHICLE ADDITIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	(2,678)	(5,173)	(5,328)	(5,488)	(2,678)	-53%	-100%	-100%	-100%	-53%
O&M	**FLEET SERVICES**	**SubTotal VEHICLE ADDITIONS**				**Yes**	**(2,678)**	**(5,173)**	**(5,328)**	**(5,488)**	**(2,678)**	**-53%**	**-100%**	**-100%**	**-100%**	**-53%**
O&M	FLEET SERVICES	ZERO EMISSION VEHICLES & RENEWABLE NATURAL GAS VEHICLES	Energy Resilience	Electric Vehicles	N/A	No	(235)	(651)	(671)	(691)	(235)	-37%	-100%	-100%	-100%	-37%
O&M	FLEET SERVICES	ZERO EMISSION VEHICLES & RENEWABLE NATURAL GAS VEHICLES	Energy Resilience	Hydrogen Vehicles	N/A	No	206	---	---	---	206	100%	---%	---%	---%	100%
O&M	FLEET SERVICES	ZERO EMISSION VEHICLES & RENEWABLE NATURAL GAS VEHICLES	Energy Resilience	Zero Emission Vehicles & Renewable Natural Gas Vehicles	N/A	No	(3,539)	(9,602)	(9,890)	(10,187)	(3,539)	-38%	-100%	-100%	-100%	-38%
O&M	**FLEET SERVICES**	**SubTotal ZERO EMISSION VEHICLES & RENEWABLE NATURAL GAS VEHICLES**				**Yes**	**(3,568)**	**(10,253)**	**(10,561)**	**(10,878)**	**(3,568)**	**-36%**	**-100%**	**-100%**	**-100%**	**-36%**

SoCalGas FLEET SERVICES O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Units of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
O&M	FLEET SERVICES	FLEET SERVICES				Yes																					
O&M	FLEET SERVICES	AUTOMOTIVE FUEL	Non-RAMP	Non-RAMP	Non-RAMP	No												0	0	0	0	0	0%	0%	0%	0%	0%
O&M	FLEET SERVICES	SubTotal AUTOMOTIVE FUEL				Yes																					
O&M	FLEET SERVICES	DIRECTOR	Non-RAMP	Non-RAMP	Non-RAMP	No	FTE	2				2	2				2	(0)	0	0	0	(0)	(10)%	0%	0%	0%	(10)%
O&M	FLEET SERVICES	SubTotal DIRECTOR				Yes																					
O&M	FLEET SERVICES	EXISTING FLEET LEASES & FEES	Non-RAMP	Non-RAMP	Non-RAMP	No	This activity includes a variety of vehicle units and equipment at various classifications, pricing and volumes, which are needed to meet the business needs and requirements safely and reliably. The point in time quantity of units with lease payments does not adequately represent the total lease obligations as quantities will fluctuate throughout the operating year as units are added and or removed from the lease portfolio. Due to the variety of work activities in this category, it is infeasible to identify a single unit of measurement.																
O&M	FLEET SERVICES	EXISTING FLEET LEASES & FEES	Energy Resilience	Renewable Natural Gas Vehicles	N/A	No	This activity includes a variety of vehicle units and equipment at various classifications, pricing and volumes, which are needed to meet the business needs and requirements safely and reliably. The point in time quantity of units with lease payments does not adequately represent the total lease obligations as quantities will fluctuate throughout the operating year as units are added and or removed from the lease portfolio. Due to the variety of work activities in this category, it is infeasible to identify a single unit of measurement.																
O&M	FLEET SERVICES	EXISTING FLEET LEASES & FEES	Energy Resilience	Hydrogen Vehicles	N/A	No	This activity includes the acquisition of zero-emission hydrogen vehicles to meet business needs, aligning with CARBs sustainability and clean energy goals. Due to the delay of the 2024 GRC decision, vehicles orders were completed prior to the final decision, which denied funding for this grouping of units. The point in time quantity of units with lease payments does not adequately represent the total lease obligations as quantities will fluctuate throughout the operating year as units are added and or removed from the lease portfolio. Due to the variety of work activities in this category, it is infeasible to identify a single unit of measurement.																
O&M	FLEET SERVICES	SubTotal EXISTING FLEET LEASES & FEES				Yes																					
O&M	FLEET SERVICES	FLEET MANAGEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No												0	0	0	0	0	0%	0%	0%	0%	0%
O&M	FLEET SERVICES	SubTotal FLEET MANAGEMENT				Yes																					
O&M	FLEET SERVICES	MAINTENANCE OPERATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No												0	0	0	0	0	0%	0%	0%	0%	0%
O&M	FLEET SERVICES	SubTotal MAINTENANCE OPERATIONS				Yes																					
O&M	FLEET SERVICES	SALVAGE & REPLACEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No												0	0	0	0	0	0%	0%	0%	0%	0%
O&M	FLEET SERVICES	SubTotal SALVAGE & REPLACEMENT				Yes																					
O&M	FLEET SERVICES	TELEMATICS SERVICE FEES	Non-RAMP	Non-RAMP	Non-RAMP	No	Vehicles	4,591				4,591	4962				4,962	(371)	0	0	0	(371)	(7)%	0%	0%	0%	(7)%
O&M	FLEET SERVICES	SubTotal TELEMATICS SERVICE FEES				Yes																					
O&M	FLEET SERVICES	VEHICLE ADDITIONS	Non-RAMP	Non-RAMP	Non-RAMP	No												0	0	0	0	0	0%	0%	0%	0%	0%
O&M	FLEET SERVICES	SubTotal VEHICLE ADDITIONS				Yes																					
O&M	FLEET SERVICES	ZERO EMISSION VEHICLES & RENEWABLE NATURAL GAS VEHICLES	Energy Resilience	Electric Vehicles	N/A	No	This activity includes a variety of vehicle units and equipment at various classifications, pricing and volumes, which are needed to meet the business needs and requirements safely and reliably. The point in time quantity of units with lease payments does not adequately represent the total lease obligations as quantities will fluctuate throughout the operating year as units are added and or removed from the lease portfolio. Due to the variety of work activities in this category, it is infeasible to identify a single unit of measurement.																
O&M	FLEET SERVICES	ZERO EMISSION VEHICLES & RENEWABLE NATURAL GAS VEHICLES	Energy Resilience	Hydrogen Vehicles	N/A	No	This activity includes the acquisition of zero-emission hydrogen vehicles to meet business needs, aligning with CARBs sustainability and clean energy goals. Due to the delay of the 2024 GRC decision, vehicles orders were completed prior to the final decision, which denied funding for this grouping of units. The point in time quantity of units with lease payment does not adequately represent the total lease obligation as quantities will fluctuate throughout the operating year as units are added and or removed from the lease portfolio. Due to the variety of work activities in this category, it is infeasible to identify a single unit of measurement.																
O&M	FLEET SERVICES	ZERO EMISSION VEHICLES & RENEWABLE NATURAL GAS VEHICLES	Energy Resilience	Zero Emission Vehicles & Renewable Natural Gas Vehicles	N/A	No	This activity includes a variety of vehicle units and equipment at various classifications, pricing and volumes, which are needed to meet the business needs and requirements safely and reliably. The point in time quantity of units with lease payments does not adequately represent the total lease obligations as quantities will fluctuate throughout the operating year as units are added and or removed from the lease portfolio. Due to the variety of work activities in this category, it is infeasible to identify a single unit of measurement.																
O&M	FLEET SERVICES	SubTotal ZERO EMISSION VEHICLES & RENEWABLE NATURAL GAS VEHICLES				Yes																					

SoCalGas FLEET SERVICES O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Safety, Reliability, or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status	Status Variance Explanation Required?
O&M	FLEET SERVICES	FLEET SERVICES				Yes										
O&M	FLEET SERVICES	AUTOMOTIVE FUEL	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
O&M	FLEET SERVICES	SubTotal AUTOMOTIVE FUEL				Yes	NO									
O&M	FLEET SERVICES	DIRECTOR	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	FLEET SERVICES	SubTotal DIRECTOR				Yes	YES	NO								NO
O&M	FLEET SERVICES	EXISTING FLEET LEASES & FEES	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	YES	NO	The cost variance is due to higher costs of principal, interest, sales tax, and license fee for the existing fleet assets as compared to authorized which was based on an average methodology that allocated amounts across all workpapers for ownership costs. These costs were incurred before the GRC Decision was issued in December 2024 and the Decision ultimately did not authorize all forecasted costs.	N/A	On Target (T)	On Target (T)	Over (O)	Proceeding as Planned	NO
O&M	FLEET SERVICES	EXISTING FLEET LEASES & FEES	Energy Resilience	Renewable Natural Gas Vehicles	N/A	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	Over (O)	Proceeding as Planned	NO
O&M	FLEET SERVICES	EXISTING FLEET LEASES & FEES	Energy Resilience	Hydrogen Vehicles	N/A	No	YES	NO	NO	N/A	N/A	Over (O)	Over (O)	Over (O)	Other	NO
O&M	FLEET SERVICES	SubTotal EXISTING FLEET LEASES & FEES				Yes	YES	YES								NO
O&M	FLEET SERVICES	FLEET MANAGEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
O&M	FLEET SERVICES	SubTotal FLEET MANAGEMENT				Yes	NO									
O&M	FLEET SERVICES	MAINTENANCE OPERATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
O&M	FLEET SERVICES	SubTotal MAINTENANCE OPERATIONS				Yes	NO									
O&M	FLEET SERVICES	SALVAGE & REPLACEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
O&M	FLEET SERVICES	SubTotal SALVAGE & REPLACEMENT				Yes	NO									
O&M	FLEET SERVICES	TELEMATICS SERVICE FEES	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	YES	NO	Due to the delay of the 2024 GRC decision, SoCalGas postponed the piloting of equipment and software for vehicles. This equipment and software includes enhanced safety features. The cost variance is attributed to lower expenses for annual telematics services and software subscription than forecasted, including the enhanced safety technology, which is planned for implementation at a later date.	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	FLEET SERVICES	SubTotal TELEMATICS SERVICE FEES				Yes	YES	YES								NO
O&M	FLEET SERVICES	VEHICLE ADDITIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
O&M	FLEET SERVICES	SubTotal VEHICLE ADDITIONS				Yes	NO									
O&M	FLEET SERVICES	ZERO EMISSION VEHICLES & RENEWABLE NATURAL GAS VEHICLES	Energy Resilience	Electric Vehicles	N/A	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	FLEET SERVICES	ZERO EMISSION VEHICLES & RENEWABLE NATURAL GAS VEHICLES	Energy Resilience	Hydrogen Vehicles	N/A	No	YES	NO	NO	N/A	N/A	Over (O)	Over (O)	Over (O)	Other	NO
O&M	FLEET SERVICES	ZERO EMISSION VEHICLES & RENEWABLE NATURAL GAS VEHICLES	Energy Resilience	Zero Emission Vehicles & Renewable Natural Gas Vehicles	N/A	No	YES	YES	NO	The cost variance is due to lower than forecasted annual payments of principal, interest, and sales tax, resulting from fewer RNG vehicles acquired by year-end 2024. As of year-end 2024, there were 303 RNG vehicles.	N/A	On Target (T)	On Target (T)	On Target (T)	Deferred	NO
O&M	FLEET SERVICES	SubTotal ZERO EMISSION VEHICLES & RENEWABLE NATURAL GAS VEHICLES				Yes	YES	YES								NO

SoCalGas FLEET SERVICES O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Status Variance Explanation	WP Activity Description	2024 GRC Testimony Location
O&M	FLEET SERVICES	FLEET SERVICES				Yes			
O&M	FLEET SERVICES	AUTOMOTIVE FUEL	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**FLEET SERVICES**	**SubTotal AUTOMOTIVE FUEL**				**Yes**			
O&M	FLEET SERVICES	DIRECTOR	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
O&M	**FLEET SERVICES**	**SubTotal DIRECTOR**				**Yes**			
O&M	FLEET SERVICES	EXISTING FLEET LEASES & FEES	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A	Vehicle acquisitions are financed through a lease. This activity represents the annual repayment of principal, interest, sales tax, and license fee for the active assets. The annual repayment of principals and interest for each year is forecasted based on the lease financing obligations. Assets that become fully amortized will fall off a lease schedule. This category of expenses will decrease over time as more assets become fully amortized. This activity also includes the payment of sales tax on the existing fleet leases and Federal taxes related to heavy-duty trucks with a high gross vehicle weight and annual lease administrative fees. License and registration fees are payable to the State of California for operation of motor vehicles, trailers and specialized equipment on California streets and highways.	SCG-18R-E MF-13 to MF-16 WP 2.RF003.001
O&M	FLEET SERVICES	EXISTING FLEET LEASES & FEES	Energy Resilience	Renewable Natural Gas Vehicles	N/A	No	N/A		
O&M	FLEET SERVICES	EXISTING FLEET LEASES & FEES	Energy Resilience	Hydrogen Vehicles	N/A	No	The variance is associated with activities completed before the GRC Decision was issued in December 2024 and the Decision ultimately did not authorize all forecasted activities.		
O&M	**FLEET SERVICES**	**SubTotal EXISTING FLEET LEASES & FEES**				**Yes**			
O&M	FLEET SERVICES	FLEET MANAGEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**FLEET SERVICES**	**SubTotal FLEET MANAGEMENT**				**Yes**			
O&M	FLEET SERVICES	MAINTENANCE OPERATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**FLEET SERVICES**	**SubTotal MAINTENANCE OPERATIONS**				**Yes**			
O&M	FLEET SERVICES	SALVAGE & REPLACEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**FLEET SERVICES**	**SubTotal SALVAGE & REPLACEMENT**				**Yes**			
O&M	FLEET SERVICES	TELEMATICS SERVICE FEES	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A	This activity represents the recurring annual software subscription cost for fleet telematics system. The cost is based on the estimation of telematics with camera contract.	SCG-18R-E MF-30 to MF-31 WP 2.RF005.000
O&M	**FLEET SERVICES**	**SubTotal TELEMATICS SERVICE FEES**				**Yes**			
O&M	FLEET SERVICES	VEHICLE ADDITIONS	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**FLEET SERVICES**	**SubTotal VEHICLE ADDITIONS**				**Yes**			
O&M	FLEET SERVICES	ZERO EMISSION VEHICLES & RENEWABLE NATURAL GAS VEHICLES	Energy Resilience	Electric Vehicles	N/A	No	N/A		
O&M	FLEET SERVICES	ZERO EMISSION VEHICLES & RENEWABLE NATURAL GAS VEHICLES	Energy Resilience	Hydrogen Vehicles	N/A	No	The variance is associated with activities completed before the GRC Decision was issued in December 2024 and the Decision ultimately did not authorize all forecasted activities.		
O&M	FLEET SERVICES	ZERO EMISSION VEHICLES & RENEWABLE NATURAL GAS VEHICLES	Energy Resilience	Zero Emission Vehicles & Renewable Natural Gas Vehicles	N/A	No	N/A	This activity represents the annual payment of principal, interest, and sales tax for fleet lease obligations for the zero emission vehicles (electric vehicles and hydrogen vehicles) and the renewable natural gas vehicles. SoCalGas is committed to decarbonizing its fleet of vehicles and equipment to help reduce greenhouse gas emissions. SoCalGas plans to replace 50% of the OTR fleet with alternative fuel vehicles, including electric, renewable natural gas, and hydrogen fuel cell electric vehicles by 2025 and 100% zero-emissions vehicles and equipment by 2035. Fleet Services projects specified lease duration terms and expected in service date according to the best of our knowledge of vehicle availability and technology in the market. The amortization terms vary according to the economic life of each class of vehicles	SCG-18-R-E MF-20 to MF-23 WP 2.RF004.000
O&M	**FLEET SERVICES**	**SubTotal ZERO EMISSION VEHICLES & RENEWABLE NATURAL GAS VEHICLES**				**Yes**			

SoCalGas INFORMATION TECHNOLOGY O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date ($)
O&M	INFORMATION TECHNOLOGY	INFORMATION TECHNOLOGY				Yes			$0.000	—	—	—	$0.000	$0.000	$0.000	$0.000	$0.000	$0.000
O&M	INFORMATION TECHNOLOGY	SHARED OPERATIONAL SYSTEMS AND TECHNOLOGY/ GAS OPS	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	917	—	—	—	917	968	909	1,027	1,088	908
O&M	INFORMATION TECHNOLOGY	SHARED OPERATIONAL SYSTEMS AND TECHNOLOGY/ GAS OPS	Asset and Records Management	Information Mgt System	N/A	No	On-going	Annual	7,201	—	—	—	7,201	7,604	7,182	8,066	8,308	7,604
O&M	INFORMATION TECHNOLOGY	SHARED OPERATIONAL SYSTEMS AND TECHNOLOGY/ GAS OPS	Excavation Damage (Dig In) on the Gas System	Ticket Risk Assessment	MP	No	On-going	Annual	92	—	—	—	92	92	93	98	101	92
O&M	INFORMATION TECHNOLOGY	SHARED OPERATIONAL SYSTEMS AND TECHNOLOGY/ GAS OPS	Foundational Technology Systems	All Activities	Overall	No	On-going	Annual	917	—	—	—	917	924	952	981	1,010	924
O&M	**INFORMATION TECHNOLOGY**	**Sub Total SHARED OPERATIONAL SYSTEMS AND TECHNOLOGY/ GAS OPS**				**Yes**			**9,206**	**—**	**—**	**—**	**9,206**	**9,588**	**9,076**	**10,172**	**10,477**	**9,588**
O&M	INFORMATION TECHNOLOGY	SHARED OPERATIONAL SUPPORT	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	751	—	—	—	751	862	688	913	962	862
O&M	INFORMATION TECHNOLOGY	SHARED OPERATIONAL SUPPORT	Foundational Technology Systems	All Activities	Overall	No	On-going	Annual	782	—	—	—	782	913	980	968	997	913
O&M	**INFORMATION TECHNOLOGY**	**Sub Total SHARED OPERATIONAL SUPPORT**				**Yes**			**1,533**	**—**	**—**	**—**	**1,533**	**1,775**	**1,668**	**1,881**	**1,959**	**1,775**
O&M	INFORMATION TECHNOLOGY	SHARED SUPPORT	Non-RAMP	Non-RAMP	Non-RAMP	No			477	—	—	—	477	935	963	992	1,022	935
O&M	**INFORMATION TECHNOLOGY**	**Sub Total SHARED SUPPORT**				**Yes**			**477**	**—**	**—**	**—**	**477**	**935**	**963**	**992**	**1,022**	**935**
O&M	INFORMATION TECHNOLOGY	SHARED OPERATIONAL INFRASTRUCTURE	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	3,378	—	—	—	3,378	2,779	2,853	2,939	3,027	2,779
O&M	INFORMATION TECHNOLOGY	SHARED OPERATIONAL INFRASTRUCTURE	Foundational Technology Systems	All Activities	Overall	No	On-going	Annual	3,809	—	—	—	3,809	3,083	3,178	3,273	3,371	3,083
O&M	**INFORMATION TECHNOLOGY**	**Sub Total SHARED OPERATIONAL INFRASTRUCTURE**				**Yes**			**7,188**	**—**	**—**	**—**	**7,188**	**5,855**	**6,031**	**6,212**	**6,398**	**5,855**
O&M	INFORMATION TECHNOLOGY	NON-SHARED OPERATIONAL APPLICATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	5,669	—	—	—	5,669	6,661	6,861	7,067	7,279	6,661
O&M	**INFORMATION TECHNOLOGY**	**Sub Total NON-SHARED OPERATIONAL APPLICATIONS**				**Yes**			**5,669**	**—**	**—**	**—**	**5,669**	**6,661**	**6,861**	**7,067**	**7,279**	**6,661**
O&M	INFORMATION TECHNOLOGY	NON-SHARED OPERATIONAL INFRASTRUCTURE	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	6,145	—	—	—	6,145	10,453	10,767	11,090	11,423	10,453
O&M	INFORMATION TECHNOLOGY	NON-SHARED OPERATIONAL INFRASTRUCTURE	Foundational Technology Systems	All Activities	Overall	No	On-going	Annual	1,733	—	—	—	1,733	2,902	2,989	3,079	3,171	2,902
O&M	**INFORMATION TECHNOLOGY**	**Sub Total NON-SHARED OPERATIONAL INFRASTRUCTURE**				**Yes**			**7,878**	**—**	**—**	**—**	**7,878**	**13,355**	**13,756**	**14,169**	**14,594**	**13,355**
O&M	INFORMATION TECHNOLOGY	NON-SHARED OPERATIONAL IT - ASSET MANAGEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	1,366	—	—	—	1,366	1,685	1,736	1,788	1,841	1,685
O&M	INFORMATION TECHNOLOGY	NON-SHARED OPERATIONAL IT - ASSET MANAGEMENT	Asset and Records Management	Information Mgt System	N/A	No	On-going	Annual	3,676	—	—	—	3,676	3,758	3,870	3,986	4,106	3,758
O&M	INFORMATION TECHNOLOGY	NON-SHARED OPERATIONAL IT - ASSET MANAGEMENT	Foundational Technology Systems	All Activities	Overall	No	On-going	Annual	136	—	—	—	136	161	166	171	176	161
O&M	**INFORMATION TECHNOLOGY**	**Sub Total NON-SHARED OPERATIONAL IT - ASSET MANAGEMENT**				**Yes**			**5,176**	**—**	**—**	**—**	**5,176**	**5,604**	**5,772**	**5,946**	**6,123**	**5,604**

SoCalGas INFORMATION TECHNOLOGY O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date ($)
O&M	INFORMATION TECHNOLOGY	NON-SHARED OPERATIONAL IT - CUSTOMER SERVICES FIELD	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	3,766	---	---	---	3,766	2,246	2,331	2,382	2,494	2,246
O&M	INFORMATION TECHNOLOGY	NON-SHARED OPERATIONAL IT - CUSTOMER SERVICES FIELD	Foundational Technology Systems	All Activities	Overall	No	On-going	Annual	5,029	---	---	---	5,029	2,714	2,796	2,880	2,966	2,714
O&M	**INFORMATION TECHNOLOGY**	**Sub Total NON-SHARED OPERATIONAL IT - CUSTOMER SERVICES FIELD**				**Yes**			**8,795**	**---**	**---**	**---**	**8,795**	**4,960**	**5,109**	**5,262**	**5,420**	**4,960**
O&M	INFORMATION TECHNOLOGY	NON-SHARED OPERATIONAL MANAGER, PERFORMANCE AND ORGANIZATIONAL STRATEGY	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	1,204	---	---	---	1,204	1,782	1,835	1,890	1,947	1,782
O&M	**INFORMATION TECHNOLOGY**	**Sub Total NON-SHARED OPERATIONAL MANAGER, PERFORMANCE AND ORGANIZATIONAL STRATEGY**				**Yes**			**1,204**	**---**	**---**	**---**	**1,204**	**1,782**	**1,835**	**1,890**	**1,947**	**1,782**
O&M	INFORMATION TECHNOLOGY	NON-SHARED OPERATIONAL SUPPORT	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	1,682	---	---	---	1,682	684	705	726	748	684
O&M	**INFORMATION TECHNOLOGY**	**Sub Total NON-SHARED OPERATIONAL SUPPORT**				**Yes**			**1,682**	**---**	**---**	**---**	**1,682**	**684**	**705**	**726**	**748**	**684**
O&M	INFORMATION TECHNOLOGY	SHARED APPLICATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	7,404	---	---	---	7,404	5,469	5,633	5,802	5,976	5,469
O&M	INFORMATION TECHNOLOGY	SHARED APPLICATIONS	Foundational Technology Systems	All Activities	Overall	No	On-going	Annual	75	---	---	---	75	72	74	76	78	72
O&M	**INFORMATION TECHNOLOGY**	**Sub Total SHARED APPLICATIONS**				**Yes**			**7,479**	**---**	**---**	**---**	**7,479**	**5,541**	**5,707**	**5,878**	**6,054**	**5,541**
O&M	INFORMATION TECHNOLOGY	SHARED INFRASTRUCTURE	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	5,018	---	---	---	5,018	558	575	592	610	558
O&M	INFORMATION TECHNOLOGY	SHARED INFRASTRUCTURE	Foundational Technology Systems	All Activities	Overall	No	On-going	Annual	1,499	---	---	---	1,499	167	172	177	182	167
O&M	**INFORMATION TECHNOLOGY**	**Sub Total SHARED INFRASTRUCTURE**				**Yes**			**6,517**	**---**	**---**	**---**	**6,517**	**725**	**747**	**769**	**792**	**725**
O&M	INFORMATION TECHNOLOGY	SHARED OPERATIONAL ADVANCE ANALYTICS AND INNOVATION	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	2,020	---	---	---	2,020	3,446	3,549	3,655	3,765	3,446
O&M	**INFORMATION TECHNOLOGY**	**Sub Total SHARED OPERATIONAL ADVANCE ANALYTICS AND INNOVATION**				**Yes**			**2,020**	**---**	**---**	**---**	**2,020**	**3,446**	**3,549**	**3,655**	**3,765**	**3,446**
O&M	INFORMATION TECHNOLOGY	SHARED OPERATIONAL APPLICATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	2,625	---	---	---	2,625	2,298	2,367	2,438	2,511	2,298
O&M	**INFORMATION TECHNOLOGY**	**Sub Total SHARED OPERATIONAL APPLICATIONS**				**Yes**			**2,625**	**---**	**---**	**---**	**2,625**	**2,298**	**2,367**	**2,438**	**2,511**	**2,298**

SoCalGas INFORMATION TECHNOLOGY O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference ($)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
O&M	INFORMATION TECHNOLOGY	INFORMATION TECHNOLOGY				Yes	(238)	(1,614)	(1,866)	(1,866)	(238)	0%	100%	100%	100%	0%
O&M	INFORMATION TECHNOLOGY	SHARED OPERATIONAL SYSTEMS AND TECHNOLOGY GAS OPS	Non-RAMP	Non-RAMP	Non-RAMP	No	(51)	(997)	(1,027)	(1,058)	(51)	-8%	-100%	-100%	-100%	-8%
O&M	INFORMATION TECHNOLOGY	SHARED OPERATIONAL SYSTEMS AND TECHNOLOGY GAS OPS	Asset and Records Management	Information Mgt System	N/A	No	(323)	(7,832)	(8,066)	(8,308)	(323)	-4%	-100%	-100%	-100%	-4%
O&M	INFORMATION TECHNOLOGY	SHARED OPERATIONAL SYSTEMS AND TECHNOLOGY GAS OPS	Excavation Damage (Dig In) on the Gas System	Ticket Risk Assessment	MP	No	(0)	(93)	(98)	(101)	(0)	-0%	-100%	-100%	-100%	-0%
O&M	INFORMATION TECHNOLOGY	SHARED OPERATIONAL SYSTEMS AND TECHNOLOGY GAS OPS	Foundational Technology Systems	All Activities	Overall	No	(7)	(952)	(981)	(1,010)	(7)	-1%	-100%	-100%	-100%	-1%
O&M	**INFORMATION TECHNOLOGY**	**Sub Total SHARED OPERATIONAL SYSTEMS AND TECHNOLOGY GAS OPS**				**Yes**	**(382)**	**(9,876)**	**(10,172)**	**(10,477)**	**(382)**	**-4%**	**-100%**	**-100%**	**-100%**	**-4%**
O&M	INFORMATION TECHNOLOGY	SHARED OPERATIONAL SUPPORT	Non-RAMP	Non-RAMP	Non-RAMP	No	(111)	(886)	(915)	(942)	(111)	-1%	-100%	-100%	-100%	-1%
O&M	INFORMATION TECHNOLOGY	SHARED OPERATIONAL SUPPORT	Foundational Technology Systems	All Activities	Overall	No	(131)	(940)	(968)	(997)	(131)	-1%	-100%	-100%	-100%	-1%
O&M	**INFORMATION TECHNOLOGY**	**Sub Total SHARED OPERATIONAL SUPPORT**				**Yes**	**(242)**	**(1,826)**	**(1,883)**	**(1,939)**	**(242)**	**-1%**	**-100%**	**-100%**	**-100%**	**-1%**
O&M	INFORMATION TECHNOLOGY	SHARED SUPPORT	Non-RAMP	Non-RAMP	Non-RAMP	No	(458)	(963)	(992)	(1,022)	(458)	-9%	-100%	-100%	-100%	-9%
O&M	**INFORMATION TECHNOLOGY**	**Sub Total SHARED SUPPORT**				**Yes**	**(458)**	**(963)**	**(992)**	**(1,022)**	**(458)**	**-9%**	**-100%**	**-100%**	**-100%**	**-9%**
O&M	INFORMATION TECHNOLOGY	SHARED OPERATIONAL INFRASTRUCTURE	Non-RAMP	Non-RAMP	Non-RAMP	No	608	(2,853)	(2,939)	(3,027)	608	23%	-100%	-100%	-100%	23%
O&M	INFORMATION TECHNOLOGY	SHARED OPERATIONAL INFRASTRUCTURE	Foundational Technology Systems	All Activities	Overall	No	724	(3,178)	(3,273)	(3,371)	724	28%	-100%	-100%	-100%	28%
O&M	**INFORMATION TECHNOLOGY**	**Sub Total SHARED OPERATIONAL INFRASTRUCTURE**				**Yes**	**1,333**	**(6,031)**	**(6,212)**	**(6,398)**	**1,333**	**23%**	**-100%**	**-100%**	**-100%**	**23%**
O&M	INFORMATION TECHNOLOGY	NON-SHARED OPERATIONAL APPLICATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	(992)	(6,861)	(7,067)	(7,279)	(992)	-15%	-100%	-100%	-100%	-15%
O&M	**INFORMATION TECHNOLOGY**	**Sub Total NON-SHARED OPERATIONAL APPLICATIONS**				**Yes**	**(992)**	**(6,861)**	**(7,067)**	**(7,279)**	**(992)**	**-15%**	**-100%**	**-100%**	**-100%**	**-15%**
O&M	INFORMATION TECHNOLOGY	NON-SHARED OPERATIONAL INFRASTRUCTURE	Non-RAMP	Non-RAMP	Non-RAMP	No	(4,308)	(10,767)	(11,090)	(11,423)	(4,308)	-41%	-100%	-100%	-100%	-41%
O&M	INFORMATION TECHNOLOGY	NON-SHARED OPERATIONAL INFRASTRUCTURE	Foundational Technology Systems	All Activities	Overall	No	(1,169)	(2,989)	(3,079)	(3,171)	(1,169)	-40%	-100%	-100%	-100%	-40%
O&M	**INFORMATION TECHNOLOGY**	**Sub Total NON-SHARED OPERATIONAL INFRASTRUCTURE**				**Yes**	**(5,477)**	**(13,756)**	**(14,169)**	**(14,594)**	**(5,477)**	**-41%**	**-100%**	**-100%**	**-100%**	**-41%**
O&M	INFORMATION TECHNOLOGY	NON-SHARED OPERATIONAL IT - ASSET MANAGEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	(321)	(1,736)	(1,788)	(1,841)	(321)	-19%	-100%	-100%	-100%	-19%
O&M	INFORMATION TECHNOLOGY	NON-SHARED OPERATIONAL IT - ASSET MANAGEMENT	Asset and Records Management	Information Mgt System	N/A	No	(82)	(3,870)	(3,986)	(4,106)	(82)	-2%	-100%	-100%	-100%	-2%
O&M	INFORMATION TECHNOLOGY	NON-SHARED OPERATIONAL IT - ASSET MANAGEMENT	Foundational Technology Systems	All Activities	Overall	No	(25)	(166)	(171)	(176)	(25)	-15%	-100%	-100%	-100%	-15%
O&M	**INFORMATION TECHNOLOGY**	**Sub Total NON-SHARED OPERATIONAL IT - ASSET MANAGEMENT**				**Yes**	**(428)**	**(5,772)**	**(5,945)**	**(6,123)**	**(428)**	**-8%**	**-100%**	**-100%**	**-100%**	**-8%**

SoCalGas INFORMATION TECHNOLOGY O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference (Y	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
O&M	INFORMATION TECHNOLOGY	NON-SHARED OPERATIONAL IT - CUSTOMER SERVICES FIELD	Non-RAMP	Non-RAMP	Non-RAMP	No	1,518	(2,313)	(2,382)	(2,454)	1,518	68%	-100%	-100%	-100%	68%
O&M	INFORMATION TECHNOLOGY	NON-SHARED OPERATIONAL IT - CUSTOMER SERVICES FIELD	Foundational Technology Systems	All Activities	Overall	No	2,315	(2,796)	(2,880)	(2,966)	2,315	85%	-100%	-100%	-100%	85%
O&M	**INFORMATION TECHNOLOGY**	**Sub Total NON-SHARED OPERATIONAL IT - CUSTOMER SERVICES FIELD**				**Yes**	**3,833**	**(5,109)**	**(5,262)**	**(5,420)**	**3,833**	**77%**	**-100%**	**-100%**	**-100%**	**77%**
O&M	INFORMATION TECHNOLOGY	NON-SHARED OPERATIONAL MANAGER, PERFORMANCE AND ORGANIZATIONAL STRATEGY	Non-RAMP	Non-RAMP	Non-RAMP	No	(498)	(1,835)	(1,890)	(1,947)	(498)	-28%	-100%	-100%	-100%	-28%
O&M	**INFORMATION TECHNOLOGY**	**Sub Total NON-SHARED OPERATIONAL MANAGER, PERFORMANCE AND ORGANIZATIONAL STRATEGY**				**Yes**	**(498)**	**(1,835)**	**(1,890)**	**(1,947)**	**(498)**	**-28%**	**-100%**	**-100%**	**-100%**	**-28%**
O&M	INFORMATION TECHNOLOGY	NON-SHARED OPERATIONAL SUPPORT	Non-RAMP	Non-RAMP	Non-RAMP	No	998	(705)	(726)	(748)	998	140%	-100%	-100%	-100%	140%
O&M	**INFORMATION TECHNOLOGY**	**Sub Total NON-SHARED OPERATIONAL SUPPORT**				**Yes**	**998**	**(705)**	**(726)**	**(748)**	**998**	**140%**	**-100%**	**-100%**	**-100%**	**140%**
O&M	INFORMATION TECHNOLOGY	SHARED APPLICATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	1,935	(5,633)	(5,802)	(5,976)	1,935	35%	-100%	-100%	-100%	35%
O&M	INFORMATION TECHNOLOGY	SHARED APPLICATIONS	Foundational Technology Systems	All Activities	Overall	No	3	(74)	(76)	(78)	3	4%	-100%	-100%	-100%	4%
O&M	**INFORMATION TECHNOLOGY**	**Sub Total SHARED APPLICATIONS**				**Yes**	**1,938**	**(5,707)**	**(5,878)**	**(6,054)**	**1,938**	**35%**	**-100%**	**-100%**	**-100%**	**35%**
O&M	INFORMATION TECHNOLOGY	SHARED INFRASTRUCTURE	Non-RAMP	Non-RAMP	Non-RAMP	No	4,460	(575)	(592)	(610)	4,460	799%	-100%	-100%	-100%	799%
O&M	INFORMATION TECHNOLOGY	SHARED INFRASTRUCTURE	Foundational Technology Systems	All Activities	Overall	No	1,332	(172)	(177)	(182)	1,332	798%	-100%	-100%	-100%	798%
O&M	**INFORMATION TECHNOLOGY**	**Sub Total SHARED INFRASTRUCTURE**				**Yes**	**5,792**	**(747)**	**(769)**	**(792)**	**5,792**	**799%**	**-100%**	**-100%**	**-100%**	**799%**
O&M	INFORMATION TECHNOLOGY	SHARED OPERATIONAL ADVANCE ANALYTICS AND INNOVATION	Non-RAMP	Non-RAMP	Non-RAMP	No	(1,426)	(3,549)	(3,655)	(3,765)	(1,426)	-41%	-100%	-100%	-100%	-41%
O&M	**INFORMATION TECHNOLOGY**	**Sub Total SHARED OPERATIONAL ADVANCE ANALYTICS AND INNOVATION**				**Yes**	**(1,426)**	**(3,549)**	**(3,655)**	**(3,765)**	**(1,426)**	**-41%**	**-100%**	**-100%**	**-100%**	**-41%**
O&M	INFORMATION TECHNOLOGY	SHARED OPERATIONAL APPLICATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	327	(2,367)	(2,438)	(2,511)	327	14%	-100%	-100%	-100%	14%
O&M	**INFORMATION TECHNOLOGY**	**Sub Total SHARED OPERATIONAL APPLICATIONS**				**Yes**	**327**	**(2,367)**	**(2,438)**	**(2,511)**	**327**	**14%**	**-100%**	**-100%**	**-100%**	**14%**

SoCalGas INFORMATION TECHNOLOGY O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
O&M	INFORMATION TECHNOLOGY	INFORMATION TECHNOLOGY				Yes																					
O&M	INFORMATION TECHNOLOGY	SHARED OPERATIONAL SYSTEMS AND TECHNOLOGY GAS OPS	NonRAMP	Non-RAMP	Non-RAMP	No	FTE	3				3	3				3	0	0	0	0	—	0 %	0%	0 %	0%	0 %
O&M	INFORMATION TECHNOLOGY	SHARED OPERATIONAL SYSTEMS AND TECHNOLOGY GAS OPS	Asset and Records Management	Information Mgt System	N/A	No	FTE	27				27	20				20	7	0	0	0	7	35 %	0%	0 %	0%	35 %
O&M	INFORMATION TECHNOLOGY	SHARED OPERATIONAL SYSTEMS AND TECHNOLOGY GAS OPS	Excavation Damage (Dig In) on the Gas System	Ticket Risk Assessment	MP	No	FTE	—				—	—				—	0	0	0	0	—	0 %	0%	0 %	0%	0 %
O&M	INFORMATION TECHNOLOGY	SHARED OPERATIONAL SYSTEMS AND TECHNOLOGY GAS OPS	Foundational Technology Systems	All Activities	Overall	No	FTE	3				3	2				2	1	0	0	0	1	43 %	0%	0 %	0%	43 %
O&M	**INFORMATION TECHNOLOGY**	**Sub Total SHARED OPERATIONAL SYSTEMS AND TECHNOLOGY GAS OPS**				**Yes**																					
O&M	INFORMATION TECHNOLOGY	SHARED OPERATIONAL SUPPORT	NonRAMP	Non-RAMP	Non-RAMP	No	FTE	2				2	2				2	0	0	0	0	0	17 %	0%	0 %	0%	17 %
O&M	INFORMATION TECHNOLOGY	SHARED OPERATIONAL SUPPORT	Foundational Technology Systems	All Activities	Overall	No	FTE	2				2	2				2	0	0	0	0	0	16 %	0%	0 %	0%	16 %
O&M	**INFORMATION TECHNOLOGY**	**Sub Total SHARED OPERATIONAL SUPPORT**				**Yes**																					
O&M	INFORMATION TECHNOLOGY	SHARED SUPPORT	NonRAMP	Non-RAMP	Non-RAMP	No																					
O&M	**INFORMATION TECHNOLOGY**	**Sub Total SHARED SUPPORT**				**Yes**																					
O&M	INFORMATION TECHNOLOGY	SHARED OPERATIONAL INFRASTRUCTURE	NonRAMP	Non-RAMP	Non-RAMP	No	FTE	12				12	14				14	(2)	0	0	0	(2)	(15)%	0%	0 %	0%	(15)%
O&M	INFORMATION TECHNOLOGY	SHARED OPERATIONAL INFRASTRUCTURE	Foundational Technology Systems	All Activities	Overall	No	FTE	14				14	16				16	(2)	0	0	0	(2)	(15)%	0%	0 %	0%	(15)%
O&M	**INFORMATION TECHNOLOGY**	**Sub Total SHARED OPERATIONAL INFRASTRUCTURE**				**Yes**																					
O&M	INFORMATION TECHNOLOGY	NON-SHARED OPERATIONAL APPLICATIONS	NonRAMP	Non-RAMP	Non-RAMP	No	FTE	15				15	20				20	(5)	0	0	0	(5)	(24)%	0%	0 %	0%	(24)%
O&M	**INFORMATION TECHNOLOGY**	**Sub Total NON-SHARED OPERATIONAL APPLICATIONS**				**Yes**																					
O&M	INFORMATION TECHNOLOGY	NON-SHARED OPERATIONAL INFRASTRUCTURE	NonRAMP	Non-RAMP	Non-RAMP	No	Contracts	7				7	7				7	0	0	0	0	—	0 %	0%	0 %	0%	0 %
O&M	INFORMATION TECHNOLOGY	NON-SHARED OPERATIONAL INFRASTRUCTURE	Foundational Technology Systems	All Activities	Overall	No	Contracts	2				2	2				2	0	0	0	0	—	0 %	0%	0 %	0%	0 %
O&M	**INFORMATION TECHNOLOGY**	**Sub Total NON-SHARED OPERATIONAL INFRASTRUCTURE**				**Yes**																					
O&M	INFORMATION TECHNOLOGY	NON-SHARED OPERATIONAL IT - ASSET MANAGEMENT	NonRAMP	Non-RAMP	Non-RAMP	No	FTE	8				8	7				7	(1)	0	0	0	(1)	(13)%	0%	0 %	0%	(13)%
O&M	INFORMATION TECHNOLOGY	NON-SHARED OPERATIONAL IT - ASSET MANAGEMENT	Asset and Records Management	Information Mgt System	N/A	No	FTE	12				12	15				15	(3)	0	0	0	(3)	(17)%	0%	0 %	0%	(17)%
O&M	INFORMATION TECHNOLOGY	NON-SHARED OPERATIONAL IT - ASSET MANAGEMENT	Foundational Technology Systems	All Activities	Overall	No	FTE	1				1	1				1	(0)	0	0	0	(0)	(0)%	0%	0 %	0%	(0)%
O&M	**INFORMATION TECHNOLOGY**	**Sub Total NON-SHARED OPERATIONAL IT - ASSET MANAGEMENT**				**Yes**																					

SoCalGas INFORMATION TECHNOLOGY O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Inputted Authorized Units 2024	Inputted Authorized Units 2025	Inputted Authorized Units 2026	Inputted Authorized Units 2027	Inputted Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
O&M	INFORMATION TECHNOLOGY	NON-SHARED OPERATIONAL IT - CUSTOMER SERVICES FIELD	Non-RAMP	Non-RAMP	Non-RAMP	No	FTE	7				7	7				7	1	0	0	0	1	10 %	0%	0 %	0%	10 %
O&M	INFORMATION TECHNOLOGY	NON-SHARED OPERATIONAL IT - CUSTOMER SERVICES FIELD	Foundational Technology Systems	All Activities	Overall	No	FTE	10				10	8				9	6	0	0	0	6	73 %	0%	0 %	0%	73 %
O&M	**INFORMATION TECHNOLOGY**	**Sub Total NON-SHARED OPERATIONAL IT - CUSTOMER SERVICES FIELD**				**Yes**																					
O&M	INFORMATION TECHNOLOGY	NON-SHARED OPERATIONAL MANAGER, PERFORMANCE AND ORGANIZATIONAL STRATEGY	Non-RAMP	Non-RAMP	Non-RAMP	No	FTE	9				9	12				12	(2)	0	0	0	(2)	(19)%	0%	0 %	0%	(19)%
O&M	**INFORMATION TECHNOLOGY**	**Sub Total NON-SHARED OPERATIONAL MANAGER, PERFORMANCE AND ORGANIZATIONAL STRATEGY**				**Yes**																					
O&M	INFORMATION TECHNOLOGY	NON-SHARED OPERATIONAL SUPPORT	Non-RAMP	Non-RAMP	Non-RAMP	No	FTE	2				2	2				2	(1)	0	0	0	(1)	(37)%	0%	0 %	0%	(37)%
O&M	**INFORMATION TECHNOLOGY**	**Sub Total NON-SHARED OPERATIONAL SUPPORT**				**Yes**																					
O&M	INFORMATION TECHNOLOGY	SHARED APPLICATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	FTE	8				8	10				10	(3)	0	0	0	(3)	(27)%	0%	0 %	0%	(27)%
O&M	INFORMATION TECHNOLOGY	SHARED APPLICATIONS	Foundational Technology Systems	All Activities	Overall	No	FTE	0				0	0				0	(0)	0	0	0	(0)	(20)%	0%	0 %	0%	(20)%
O&M	**INFORMATION TECHNOLOGY**	**Sub Total SHARED APPLICATIONS**				**Yes**																					
O&M	INFORMATION TECHNOLOGY	SHARED INFRASTRUCTURE	Non-RAMP	Non-RAMP	Non-RAMP	No	Number of Contracts	7				7	7				7	0	0	0	0	---	0 %	0%	0 %	0%	0 %
O&M	INFORMATION TECHNOLOGY	SHARED INFRASTRUCTURE	Foundational Technology Systems	All Activities	Overall	No	Number of Contracts	2				2	2				2	0	0	0	0	---	0 %	0%	0 %	0%	0 %
O&M	**INFORMATION TECHNOLOGY**	**Sub Total SHARED INFRASTRUCTURE**				**Yes**																					
O&M	INFORMATION TECHNOLOGY	SHARED OPERATIONAL ADVANCE ANALYTICS AND INNOVATION	Non-RAMP	Non-RAMP	Non-RAMP	No	FTE	8				8	7				7	1	0	0	0	1	10 %	0%	0 %	0%	10 %
O&M	**INFORMATION TECHNOLOGY**	**Sub Total SHARED OPERATIONAL ADVANCE ANALYTICS AND INNOVATION**				**Yes**																					
O&M	INFORMATION TECHNOLOGY	SHARED OPERATIONAL APPLICATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	FTE	9				9	12				12	(2)	0	0	0	(2)	(18)%	0%	0 %	0%	(18)%
O&M	**INFORMATION TECHNOLOGY**	**Sub Total SHARED OPERATIONAL APPLICATIONS**				**Yes**																					

SoCalGas INFORMATION TECHNOLOGY O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Safety, Reliability, or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status	Status Variance Explanation Required?
O&M	INFORMATION TECHNOLOGY	INFORMATION TECHNOLOGY				Yes										
O&M	INFORMATION TECHNOLOGY	SHARED OPERATIONAL SYSTEMS AND TECHNOLOGY GAS OPS	NonRAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	INFORMATION TECHNOLOGY	SHARED OPERATIONAL SYSTEMS AND TECHNOLOGY GAS OPS	Asset and Records Management	Information Mgt System	N/A	No	YES	NO	YES	N/A	The variance is driven by additional FTEs needed to support key initiatives, such as the planning and blueprinting for the replacement of workforce management systems and field technology such as Work Management Program Next Generation Field Service Delivery.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	INFORMATION TECHNOLOGY	SHARED OPERATIONAL SYSTEMS AND TECHNOLOGY GAS OPS	Excavation Damage (Dig In) on the Gas System	Ticket Risk Assessment	MP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	INFORMATION TECHNOLOGY	SHARED OPERATIONAL SYSTEMS AND TECHNOLOGY GAS OPS	Foundational Technology Systems	All Activities	Overall	No	YES	NO	YES	N/A	The variance is driven by additional FTEs to support key initiatives, such as the planning and blueprinting for the replacement of workforce management systems and field technology such as Work Management Program: Next Generation Field Service Delivery.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**INFORMATION TECHNOLOGY**	**Sub Total SHARED OPERATIONAL SYSTEMS AND TECHNOLOGY GAS OPS**				**Yes**	**YES**	**NO**								**NO**
O&M	INFORMATION TECHNOLOGY	SHARED OPERATIONAL SUPPORT	NonRAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	INFORMATION TECHNOLOGY	SHARED OPERATIONAL SUPPORT	Foundational Technology Systems	All Activities	Overall	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**INFORMATION TECHNOLOGY**	**Sub Total SHARED OPERATIONAL SUPPORT**				**Yes**	**YES**	**NO**								**NO**
O&M	INFORMATION TECHNOLOGY	SHARED SUPPORT	NonRAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
O&M	**INFORMATION TECHNOLOGY**	**Sub Total SHARED SUPPORT**				**Yes**	**NO**	NO	NO							NO
O&M	INFORMATION TECHNOLOGY	SHARED OPERATIONAL INFRASTRUCTURE	NonRAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	INFORMATION TECHNOLOGY	SHARED OPERATIONAL INFRASTRUCTURE	Foundational Technology Systems	All Activities	Overall	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**INFORMATION TECHNOLOGY**	**Sub Total SHARED OPERATIONAL INFRASTRUCTURE**				**Yes**	**YES**	**YES**		**The variance is due to higher-than-anticipated ownsin software and hardware maintenance,as well as telecommunications equipment, within O&M. These increased costs were driven by elevated supplier pricing and were necessary to support the ongoing requirements of shared infrastructure. SoCalGas intends to manage this program overthe ention TY 2024 GRC cycle.**						**NO**
O&M	INFORMATION TECHNOLOGY	NON-SHARED OPERATIONAL APPLICATIONS	NonRAMP	Non-RAMP	Non-RAMP	No	YES	NO	YES	N/A	The variance is due to a transition of O&M labor to Capital to support the RAMP - IT ACOE, Workforce Management Replacement Project, Vista CIS, and RAMP - Customer Contact Center (CCC) Technology Modernization projects.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**INFORMATION TECHNOLOGY**	**Sub Total NON-SHARED OPERATIONAL APPLICATIONS**				**Yes**	**YES**	**NO**								**NO**
O&M	INFORMATION TECHNOLOGY	NON-SHARED OPERATIONAL INFRASTRUCTURE	NonRAMP	Non-RAMP	Non-RAMP	No	YES	YES	NO	Higher O&M costs were incurred in the Shared Infrastructure workpaper for contracts that were authorized in the non-shared Infrastructure workpaper due to IT reorganizations.	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	INFORMATION TECHNOLOGY	NON-SHARED OPERATIONAL INFRASTRUCTURE	Foundational Technology Systems	All Activities	Overall	No	YES	YES	NO	Higher O&M costs were incurred in the Shared Infrastructure workpaper for contracts that were authorized in the non-shared Infrastructure workpaper due to IT reorganizations.	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**INFORMATION TECHNOLOGY**	**Sub Total NON-SHARED OPERATIONAL INFRASTRUCTURE**				**Yes**	**YES**	**YES**								**NO**
O&M	INFORMATION TECHNOLOGY	NON-SHARED OPERATIONAL IT - ASSET MANAGEMENT	NonRAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	INFORMATION TECHNOLOGY	NON-SHARED OPERATIONAL IT - ASSET MANAGEMENT	Asset and Records Management	Information Mgt System	N/A	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	INFORMATION TECHNOLOGY	NON-SHARED OPERATIONAL IT - ASSET MANAGEMENT	Foundational Technology Systems	All Activities	Overall	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**INFORMATION TECHNOLOGY**	**Sub Total NON-SHARED OPERATIONAL IT - ASSET MANAGEMENT**				**Yes**	**YES**	**NO**								**NO**

So Cal Gas INFORMATION TECHNOLOGY O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Safety, Reliability, or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status	Status Variance Explanation Required?
O&M	INFORMATION TECHNOLOGY	NON-SHARED OPERATIONAL IT - CUSTOMER SERVICES FIELD	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	YES	NO	The variance is attributed to higher O&M expenses related to the RAMP - PACER Workforce Management Replacement Project executed in 2024. This was driven by increased staffing, as well as extensive training, change impacts, target operating models, and other organizational change management activities required for the transition to the new operating system. The O&M expenses primarily consisted of cloud and software subscriptions that did not qualify for capitalization, resulting in higher short-term contract costs. Additionally, the organizational change management activities were more complex than initially anticipated, necessitating thorough preparation for the company to understand and operate the new system.	N/A	On Target (T)	On Target (T)	Over (O)	Proceeding as Planned	NO
O&M	INFORMATION TECHNOLOGY	NON-SHARED OPERATIONAL IT - CUSTOMER SERVICES FIELD	Foundational Technology Systems	All Activities	Overall	No	YES	YES	YES	The variance is attributed to higher O&M expenses related to the RAMP - PACER Workforce Management Replacement Project executed in 2024. This was driven by increased staffing, as well as extensive training, change impacts, target operating models, and other organizational change management activities required for the transition to the new operating system. The O&M expenses primarily consisted of cloud and software subscriptions that did not qualify for capitalization, resulting in higher short-term contract costs. Additionally, the organizational change management activities were more complex than initially anticipated, necessitating thorough preparation for the company to understand and operate the new system.	The variance is attributed to higher staffing related to the RAMP - PACER Workforce Management Replacement Project executed in 2024. This was driven by increased staffing, as well as extensive training, change impacts, target operating models, and other organizational change management activities required for the transition to the new operating system. The organizational change management activities were more complex than initially anticipated, necessitating increased preparation for the company to understand and operate the new system.	On Target (T)	On Target (T)	Over (O)	Proceeding as Planned	NO
O&M	**INFORMATION TECHNOLOGY**	**Sub Total NON-SHARED OPERATIONAL IT - CUSTOMER SERVICES FIELD**				**Yes**	**YES**	**YES**								**NO**
O&M	INFORMATION TECHNOLOGY	NON-SHARED OPERATIONAL MANAGER, PERFORMANCE AND ORGANIZATIONAL STRATEGY	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**INFORMATION TECHNOLOGY**	**Sub Total NON-SHARED OPERATIONAL MANAGER, PERFORMANCE AND ORGANIZATIONAL STRATEGY**				**Yes**	**YES**	**NO**								**NO**
O&M	INFORMATION TECHNOLOGY	NON-SHARED OPERATIONAL SUPPORT	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	YES	N/A	The variance is due to a transition of O&M labor to Capital to support the RAMP - Application Monitoring Refresh project.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**INFORMATION TECHNOLOGY**	**Sub Total NON-SHARED OPERATIONAL SUPPORT**				**Yes**	**YES**	**NO**								**NO**
O&M	INFORMATION TECHNOLOGY	SHARED APPLICATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	YES	YES	The variance is due to additional contract labor resources to support the increased cloud environments, quality assurance, and development processes.	The variance is due to a transition of O&M labor to capital to support the App Modernization and Vulnerability Reduction Phase II, offset by deploying contract employees (non-FTEs) instead of internal employees (FTEs).	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	INFORMATION TECHNOLOGY	SHARED APPLICATIONS	Foundational Technology Systems	All Activities	Overall	No	YES	NO	YES	N/A	The variance is due to a transition of O&M labor to Capital to support the App Modernization and Vulnerability Reduction Phase II, as well as a headcount reduction that has not yet been backfilled.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**INFORMATION TECHNOLOGY**	**Sub Total SHARED APPLICATIONS**				**Yes**	**YES**	**YES**								**NO**
O&M	INFORMATION TECHNOLOGY	SHARED INFRASTRUCTURE	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	YES	NO	Higher O&M costs were incurred in the Shared Infrastructure workpaper for contracts that were authorized in the non-shared Infrastructure workpaper due to IT reorganizations.	N/A	On Target (T)	On Target (T)	Over (O)	Proceeding as Planned	NO
O&M	INFORMATION TECHNOLOGY	SHARED INFRASTRUCTURE	Foundational Technology Systems	All Activities	Overall	No	YES	YES	NO	Higher O&M costs were incurred in the Shared Infrastructure workpaper for contracts that were authorized in the non-shared Infrastructure workpaper due to IT reorganizations.	N/A	On Target (T)	On Target (T)	Over (O)	Proceeding as Planned	NO
O&M	**INFORMATION TECHNOLOGY**	**Sub Total SHARED INFRASTRUCTURE**				**Yes**	**YES**	**YES**								**NO**
O&M	INFORMATION TECHNOLOGY	SHARED OPERATIONAL ADVANCE ANALYTICS AND INNOVATION	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	YES	NO	The variance is due to transitioning O&M contract labor to Capital to support RAMP - Decision Analytics and Automation Project and Foundation Analytics Service Capital projects.	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**INFORMATION TECHNOLOGY**	**Sub Total SHARED OPERATIONAL ADVANCE ANALYTICS AND INNOVATION**				**Yes**	**YES**	**YES**								**NO**
O&M	INFORMATION TECHNOLOGY	SHARED OPERATIONAL APPLICATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**INFORMATION TECHNOLOGY**	**Sub Total SHARED OPERATIONAL APPLICATIONS**				**Yes**	**YES**	**NO**								**NO**

SoCalGas INFORMATION TECHNOLOGY O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Status Variance Explanation	WP Activity Description	2024 GRC Testimony Location
O&M	INFORMATION TECHNOLOGY	INFORMATION TECHNOLOGY				Yes			
O&M	INFORMATION TECHNOLOGY	SHARED OPERATIONAL SYSTEMS AND TECHNOLOGY GAS OPS	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
O&M	INFORMATION TECHNOLOGY	SHARED OPERATIONAL SYSTEMS AND TECHNOLOGY GAS OPS	Asset and Records Management	Information Mgt System	N/A	No	N/A	This activity includes shared systems and technology gas operations costs that represent labor and non-labor for technology systems where costs are shared between multiple business units and support the objectives of operating and maintaining the company infrastructure systems safely and reliably. This area includes GIS portal, work management field technology, project and records management, work management systems, and Records and Document Management System (RADIAS) support.	SCG-21-R-E TLB-16 to TLB-18 WP 2200-03G2.000
O&M	INFORMATION TECHNOLOGY	SHARED OPERATIONAL SYSTEMS AND TECHNOLOGY GAS OPS	Excavation Damage (Dig In) on the Gas System	Ticket Risk Assessment	MP	No	N/A		
O&M	INFORMATION TECHNOLOGY	SHARED OPERATIONAL SYSTEMS AND TECHNOLOGY GAS OPS	Foundational Technology Systems	All Activities	Overall	No	N/A	This activity includes shared systems and technology gas operations costs that represent labor and non-labor for technology systems where costs are shared between multiple business units and support the objectives of operating and maintaining the company infrastructure systems safely and reliably. This area includes GIS portal, work management field technology, project and records management, work management systems, and Records and Document Management System (RADIAS) support.	SCG-21-R-E TLB-16 to TLB-18 WP 2200-03G2.000
O&M	**INFORMATION TECHNOLOGY**	**Sub Total SHARED OPERATIONAL SYSTEMS AND TECHNOLOGY GAS OPS**				**Yes**			
O&M	INFORMATION TECHNOLOGY	SHARED OPERATIONAL SUPPORT	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
O&M	INFORMATION TECHNOLOGY	SHARED OPERATIONAL SUPPORT	Foundational Technology Systems	All Activities	Overall	No	N/A		
O&M	**INFORMATION TECHNOLOGY**	**Sub Total SHARED OPERATIONAL SUPPORT**				**Yes**			
O&M	INFORMATION TECHNOLOGY	SHARED SUPPORT	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**INFORMATION TECHNOLOGY**	**Sub Total SHARED SUPPORT**				**Yes**			
O&M	INFORMATION TECHNOLOGY	SHARED OPERATIONAL INFRASTRUCTURE	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
O&M	INFORMATION TECHNOLOGY	SHARED OPERATIONAL INFRASTRUCTURE	Foundational Technology Systems	All Activities	Overall	No	N/A		
O&M	**INFORMATION TECHNOLOGY**	**Sub Total SHARED OPERATIONAL INFRASTRUCTURE**				**Yes**		**This activity includes shared Information Technology (IT) infrastructure costs that represent labor and non-labor for technology systems where costs are shared between multiple business units and support the objectives of operating and maintaining the company infrastructure systems safely and reliably. The types of systems supported in this area include shared contracts, Cloud Office PaaS/SaaS, telecommunications, contract and managed services, database services, data protection and storage engineering, networks, portfolio management (PMO) and service continuity management.**	**SCG-21-R-E TLB-19 to TLB-20 WP 2200-06I19.00**
O&M	INFORMATION TECHNOLOGY	NON-SHARED OPERATIONAL APPLICATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A	This activity includes non-shared Information Technology (IT) applications costs that represent labor and non-labor for technology systems where 100% of the activities directly support the objectives of operating and maintaining SCG infrastructure systems safely and reliably. This area includes customer engagement and information systems operations, customer field operations, routing, scheduling and dispatching and system integration and architecture.	SCG-21-R-E TLB-12 to TLB-13 WP 2IT001.000
O&M	**INFORMATION TECHNOLOGY**	**Sub Total NON-SHARED OPERATIONAL APPLICATIONS**				**Yes**			
O&M	INFORMATION TECHNOLOGY	NON-SHARED OPERATIONAL INFRASTRUCTURE	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A	This activity includes non-shared Information Technology (IT) infrastructure costs that represent non-labor for technology systems where 100% of the activities directly support the objectives of operating and maintaining SCG infrastructure systems safely and reliably. The types of functions in this area include IT operations outsourced services and hardware and/or software maintenance agreements supporting non-shared SCG infrastructure.	SCG-21-R-E TLB-13 to TLB-15 WP 2IT004.000
O&M	INFORMATION TECHNOLOGY	NON-SHARED OPERATIONAL INFRASTRUCTURE	Foundational Technology Systems	All Activities	Overall	No	N/A	This activity includes non-shared Information Technology (IT) infrastructure costs that represent non-labor for technology systems where 100% of the activities directly support the objectives of operating and maintaining SCG infrastructure systems safely and reliably. The types of functions in this area include IT operations outsourced services and hardware and/or software maintenance agreements supporting non-shared SCG infrastructure.	SCG-21-R-E TLB-13 to TLB-15 WP 2IT004.000
O&M	**INFORMATION TECHNOLOGY**	**Sub Total NON-SHARED OPERATIONAL INFRASTRUCTURE**				**Yes**			
O&M	INFORMATION TECHNOLOGY	NON-SHARED OPERATIONAL IT - ASSET MANAGEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
O&M	INFORMATION TECHNOLOGY	NON-SHARED OPERATIONAL IT - ASSET MANAGEMENT	Asset and Records Management	Information Mgt System	N/A	No	N/A		
O&M	INFORMATION TECHNOLOGY	NON-SHARED OPERATIONAL IT - ASSET MANAGEMENT	Foundational Technology Systems	All Activities	Overall	No	N/A		
O&M	**INFORMATION TECHNOLOGY**	**Sub Total NON-SHARED OPERATIONAL IT - ASSET MANAGEMENT**				**Yes**			

SoCalGas INFORMATION TECHNOLOGY O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Status Variance Explanation	WP Activity Description	2024 GRC Testimony Location
O&M	INFORMATION TECHNOLOGY	NON-SHARED OPERATIONAL IT - CUSTOMER SERVICES FIELD	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A	This activity includes non-shared customer services field support costs that represent labor and non-labor for technology systems where 100% of the activities directly support the objectives of operating and maintaining SCG infrastructure systems safely and reliably. This area includes field technology for customer services technicians, and advanced meter data management, technology, and operations.	SCG-21-R-E TLB-12 to TLB-13 WP 2IT002.000
O&M	INFORMATION TECHNOLOGY	NON-SHARED OPERATIONAL IT - CUSTOMER SERVICES FIELD	Foundational Technology Systems	All Activities	Overall	No	N/A	This activity includes non-shared customer services field support costs that represent labor and non-labor for technology systems where 100% of the activities directly support the objectives of operating and maintaining SCG infrastructure systems safely and reliably. This area includes field technology for customer services technicians, and advanced meter data management, technology, and operations.	SCG-21-R-E TLB-12 to TLB-13 WP 2IT002.000
O&M	**INFORMATION TECHNOLOGY**	**Sub Total NON-SHARED OPERATIONAL IT - CUSTOMER SERVICES FIELD**				**Yes**			
O&M	INFORMATION TECHNOLOGY	NON-SHARED OPERATIONAL MANAGER, PERFORMANCE AND ORGANIZATIONAL STRATEGY	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
O&M	**INFORMATION TECHNOLOGY**	**Sub Total NON-SHARED OPERATIONAL MANAGER, PERFORMANCE AND ORGANIZATIONAL STRATEGY**				**Yes**			
O&M	INFORMATION TECHNOLOGY	NON-SHARED OPERATIONAL SUPPORT	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A	This activity includes non-shared Information Technology (IT) support costs that represent labor and non-labor for technology systems where 100% of the activities directly support the objectives of operating and maintaining SCG infrastructure systems safely and reliably. This area includes IT quality assurance services, end user devices, service management and engineering support.	SCG-21-R-E TLB-15 WP 2IT006.000
O&M	**INFORMATION TECHNOLOGY**	**Sub Total NON-SHARED OPERATIONAL SUPPORT**				**Yes**			
O&M	INFORMATION TECHNOLOGY	SHARED APPLICATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A	This activity includes shared Information Technology (IT) applications costs that represent labor and non-labor for technology systems where costs are shared between multiple business units and support all other company-specific activities. The types of systems supported in this area include SCG financial and human resource systems, portfolio management services, communications and digital operations, and cloud services.	SCG-21-R-E TLB-16 to TLB-18 WP 2200-2272.000
O&M	INFORMATION TECHNOLOGY	SHARED APPLICATIONS	Foundational Technology Systems	All Activities	Overall	No	N/A	This activity includes shared Information Technology (IT) applications costs that represent labor and non-labor for technology systems where costs are shared between multiple business units and support all other company-specific activities. The types of systems supported in this area include SCG financial and human resource systems, portfolio management services, communications and digital operations, and cloud services.	SCG-21-R-E TLB-16 to TLB-18 WP 2200-2272.000
O&M	**INFORMATION TECHNOLOGY**	**Sub Total SHARED APPLICATIONS**				**Yes**			
O&M	INFORMATION TECHNOLOGY	SHARED INFRASTRUCTURE	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A	This activity includes shared Information Technology (IT) infrastructure costs that represent labor and non-labor for technology systems where costs are shared between multiple business units and support all other company-specific activities. The types of systems supported in this area are relevant to end user computing (EUC) engineering, shared contracts for contract and maintenance renewals, conference and collaboration.	SCG-21-R-E TLB-19 to TLB-20 WP 2200-2453.000
O&M	INFORMATION TECHNOLOGY	SHARED INFRASTRUCTURE	Foundational Technology Systems	All Activities	Overall	No	N/A	This activity includes shared Information Technology (IT) infrastructure costs that represent labor and non-labor for technology systems where costs are shared between multiple business units and support all other company-specific activities. The types of systems supported in this area are relevant to end user computing (EUC) engineering, shared contracts for contract and maintenance renewals, conference and collaboration.	SCG-21-R-E TLB-19 to TLB-20 WP 2200-2453.000
O&M	**INFORMATION TECHNOLOGY**	**Sub Total SHARED INFRASTRUCTURE**				**Yes**			
O&M	INFORMATION TECHNOLOGY	SHARED OPERATIONAL ADVANCE ANALYTICS AND INNOVATION	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A	This activity includes shared advance analytics and innovation costs that represent all labor and non-labor for technology systems where costs are shared between multiple business units and support the objectives of operating and maintaining the company infrastructure systems safely and reliably. This area supports business intelligence analysis including data science capabilities across the enterprise, through data, software, and platform engineering.	SCG-21-R-E TLB-16 to TLB-18 WP 2200-2690.000
O&M	**INFORMATION TECHNOLOGY**	**Sub Total SHARED OPERATIONAL ADVANCE ANALYTICS AND INNOVATION**				**Yes**			
O&M	INFORMATION TECHNOLOGY	SHARED OPERATIONAL APPLICATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
O&M	**INFORMATION TECHNOLOGY**	**Sub Total SHARED OPERATIONAL APPLICATIONS**				**Yes**			

SoCalGas PEOPLE AND CULTURE DEPARTMENT O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Project Life (Years)	Project Type	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date ($)
O&M	PEOPLE AND CULTURE DEPARTMENT	PEOPLE AND CULTURE DEPARTMENT				Yes			45,145	---	---	---	45,145	52,484	54,248	55,893	57,569	52,484
O&M	PEOPLE AND CULTURE DEPARTMENT	ECS SYSTEM REPORTING	Non-RAMP	Non-RAMP	Non-RAMP	No			637	---	---	---	637	359	370	381	392	359
O&M	**PEOPLE AND CULTURE DEPARTMENT**	**SubTotal ECS SYSTEM REPORTING**				**Yes**			**637**	**---**	**---**	**---**	**637**	**359**	**370**	**381**	**392**	**359**
O&M	PEOPLE AND CULTURE DEPARTMENT	EXECUTIVE OFFICES	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	1,748	---	---	---	1,748	2,456	2,530	2,606	2,684	2,456
O&M	**PEOPLE AND CULTURE DEPARTMENT**	**SubTotal EXECUTIVE OFFICES**				**Yes**			**1,748**	**---**	**---**	**---**	**1,748**	**2,456**	**2,530**	**2,606**	**2,684**	**2,456**
O&M	PEOPLE AND CULTURE DEPARTMENT	SCG BUSINESS PARTNERS	Non-RAMP	Non-RAMP	Non-RAMP	No			628	---	---	---	628	---	---	---	---	---
O&M	**PEOPLE AND CULTURE DEPARTMENT**	**SubTotal SCG BUSINESS PARTNERS**				**Yes**			**628**	**---**	**---**	**---**	**628**	**---**	**---**	**---**	**---**	**---**
O&M	PEOPLE AND CULTURE DEPARTMENT	SCG DIRECTOR HR SERVICES	Non-RAMP	Non-RAMP	Non-RAMP	No			8,578	---	---	---	8,578	13,510	13,936	14,354	14,785	13,510
O&M	**PEOPLE AND CULTURE DEPARTMENT**	**SubTotal SCG DIRECTOR HR SERVICES**				**Yes**			**8,578**	**---**	**---**	**---**	**8,578**	**13,510**	**13,936**	**14,354**	**14,785**	**13,510**
O&M	PEOPLE AND CULTURE DEPARTMENT	SCG DIRECTOR LABOR RELATIONS & WELLNESS	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	2,262	---	---	---	2,262	2,681	2,762	2,845	2,930	2,681
O&M	PEOPLE AND CULTURE DEPARTMENT	SCG DIRECTOR LABOR RELATIONS & WELLNESS	Incident Involving an Employee	Drug and Alcohol Testing Programs	Overall	No	On-going	Annual	414	---	---	---	414	341	351	362	373	341
O&M	PEOPLE AND CULTURE DEPARTMENT	SCG DIRECTOR LABOR RELATIONS & WELLNESS	Incident Involving an Employee	Employee Wellness Programs	Overall	No	On-going	Annual	868	---	---	---	868	749	771	794	818	749
O&M	**PEOPLE AND CULTURE DEPARTMENT**	**SubTotal SCG DIRECTOR LABOR RELATIONS & WELLNESS**				**Yes**			**3,544**	**---**	**---**	**---**	**3,544**	**3,771**	**3,884**	**4,001**	**4,121**	**3,771**
O&M	PEOPLE AND CULTURE DEPARTMENT	SCG DIRECTOR ORG EFFECTIVENESS	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	2,201	---	---	---	2,201	1,718	1,770	1,823	1,877	1,718
O&M	PEOPLE AND CULTURE DEPARTMENT	SCG DIRECTOR ORG EFFECTIVENESS	Workforce Planning / Qualified Workforce	Knowledge Transfer	Overall	No	On-going	Annual	97	---	---	---	97	212	218	225	232	212
O&M	PEOPLE AND CULTURE DEPARTMENT	SCG DIRECTOR ORG EFFECTIVENESS	Workforce Planning / Qualified Workforce	Training	Overall	No	On-going	Annual	701	---	---	---	701	1,242	1,279	1,317	1,357	1,242
O&M	PEOPLE AND CULTURE DEPARTMENT	SCG DIRECTOR ORG EFFECTIVENESS	Workforce Planning / Qualified Workforce	Training - Technical non-HR	Overall	No	On-going	Annual	31	---	---	---	31	329	339	349	359	329
O&M	**PEOPLE AND CULTURE DEPARTMENT**	**SubTotal SCG DIRECTOR ORG EFFECTIVENESS**				**Yes**			**3,129**	**---**	**---**	**---**	**3,129**	**3,501**	**3,606**	**3,714**	**3,825**	**3,501**
O&M	PEOPLE AND CULTURE DEPARTMENT	SCG DIRECTOR PERF & ORGNL STRATEGY	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	1,280	---	---	---	1,280	839	864	890	917	839
O&M	PEOPLE AND CULTURE DEPARTMENT	SCG DIRECTOR PERF & ORGNL STRATEGY	Workforce Planning / Qualified Workforce	Workforce Planning	Overall	No	On-going	Annual	756	---	---	---	756	882	909	936	964	882
O&M	**PEOPLE AND CULTURE DEPARTMENT**	**SubTotal SCG DIRECTOR PERF & ORGNL STRATEGY**				**Yes**			**2,036**	**---**	**---**	**---**	**2,036**	**1,721**	**1,773**	**1,826**	**1,881**	**1,721**
O&M	PEOPLE AND CULTURE DEPARTMENT	SCG DIVERSITY, EQUITY AND INCLUSION DIRECTOR	Non-RAMP	Non-RAMP	Non-RAMP	No			692	---	---	---	692	977	1,006	1,036	1,067	977
O&M	**PEOPLE AND CULTURE DEPARTMENT**	**SubTotal SCG DIVERSITY, EQUITY AND INCLUSION DIRECTOR**				**Yes**			**692**	**---**	**---**	**---**	**692**	**977**	**1,006**	**1,036**	**1,067**	**977**
O&M	PEOPLE AND CULTURE DEPARTMENT	WORKERS COMP AND LONGTERM DISABILITY	Non-RAMP	Non-RAMP	Non-RAMP	No			24,153	---	---	---	24,153	26,369	27,160	27,975	28,814	26,369
O&M	**PEOPLE AND CULTURE DEPARTMENT**	**SubTotal WORKERS COMP AND LONG TERM DISABILITY**				**Yes**			**24,153**	**---**	**---**	**---**	**24,153**	**26,369**	**27,160**	**27,975**	**28,814**	**26,369**

SoCalGas PEOPLE AND CULTURE DEPARTMENT O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference ($)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
O&M	PEOPLE AND CULTURE DEPARTMENT	PEOPLE AND CULTURE DEPARTMENT				Yes	(7,539)	(54,268)	(55,893)	(57,569)	(7,539)	-1.4%	-100%	-100%	-100%	-1.4%
O&M	PEOPLE AND CULTURE DEPARTMENT	ECS SYSTEM REPORTING	Non-RAMP	Non-RAMP	Non-RAMP	No	278	(370)	(381)	(392)	278	78%	-100%	-100%	-100%	78%
O&M	**PEOPLE AND CULTURE DEPARTMENT**	**SubTotal ECS SYSTEM REPORTING**				**Yes**	**278**	**(370)**	**(381)**	**(392)**	**278**	**78%**	**-100%**	**-100%**	**-100%**	**78%**
O&M	PEOPLE AND CULTURE DEPARTMENT	EXECUTIVE OFFICES	Non-RAMP	Non-RAMP	Non-RAMP	No	(708)	(2,530)	(2,606)	(2,684)	(708)	-29%	-100%	-100%	-100%	-29%
O&M	**PEOPLE AND CULTURE DEPARTMENT**	**SubTotal EXECUTIVE OFFICES**				**Yes**	**(708)**	**(2,530)**	**(2,606)**	**(2,684)**	**(708)**	**-29%**	**-100%**	**-100%**	**-100%**	**-29%**
O&M	PEOPLE AND CULTURE DEPARTMENT	SCG BUSINESS PARTNERS	Non-RAMP	Non-RAMP	Non-RAMP	No	628	—	—	—	628	100%	—%	—%	—%	100%
O&M	**PEOPLE AND CULTURE DEPARTMENT**	**SubTotal SCG BUSINESS PARTNERS**				**Yes**	**628**	**—**	**—**	**—**	**628**	**100%**	**—%**	**—%**	**—%**	**100%**
O&M	PEOPLE AND CULTURE DEPARTMENT	SCG DIRECTOR HR SERVICES	Non-RAMP	Non-RAMP	Non-RAMP	No	(4,952)	(13,936)	(14,354)	(14,785)	(4,952)	-37%	-100%	-100%	-100%	-37%
O&M	**PEOPLE AND CULTURE DEPARTMENT**	**SubTotal SCG DIRECTOR HR SERVICES**				**Yes**	**(4,952)**	**(13,936)**	**(14,354)**	**(14,785)**	**(4,952)**	**-37%**	**-100%**	**-100%**	**-100%**	**-37%**
O&M	PEOPLE AND CULTURE DEPARTMENT	SCG DIRECTOR LABOR RELATIONS & WELLNESS	Non-RAMP	Non-RAMP	Non-RAMP	No	(419)	(2,762)	(2,845)	(2,930)	(419)	-16%	-100%	-100%	-100%	-16%
O&M	PEOPLE AND CULTURE DEPARTMENT	SCG DIRECTOR LABOR RELATIONS & WELLNESS	Incident Involving an Employee	Drug and Alcohol Testing Programs	Overall	No	73	(351)	(362)	(373)	73	21%	-100%	-100%	-100%	21%
O&M	PEOPLE AND CULTURE DEPARTMENT	SCG DIRECTOR LABOR RELATIONS & WELLNESS	Incident Involving an Employee	Employee Wellness Programs	Overall	No	119	(771)	(794)	(818)	119	16%	-100%	-100%	-100%	16%
O&M	**PEOPLE AND CULTURE DEPARTMENT**	**SubTotal SCG DIRECTOR LABOR RELATIONS & WELLNESS**				**Yes**	**(227)**	**(3,884)**	**(4,001)**	**(4,121)**	**(227)**	**-6%**	**-100%**	**-100%**	**-100%**	**-6%**
O&M	PEOPLE AND CULTURE DEPARTMENT	SCG DIRECTOR ORG EFFECTIVENESS	Non-RAMP	Non-RAMP	Non-RAMP	No	583	(1,730)	(1,823)	(1,877)	583	34%	-100%	-100%	-100%	34%
O&M	PEOPLE AND CULTURE DEPARTMENT	SCG DIRECTOR ORG EFFECTIVENESS	Workforce Planning / Qualified Workforce	Knowledge Transfer	Overall	No	(115)	(218)	(225)	(232)	(115)	-54%	-100%	-100%	-100%	-54%
O&M	PEOPLE AND CULTURE DEPARTMENT	SCG DIRECTOR ORG EFFECTIVENESS	Workforce Planning / Qualified Workforce	Training	Overall	No	(541)	(1,279)	(1,317)	(1,357)	(541)	-44%	-100%	-100%	-100%	-44%
O&M	PEOPLE AND CULTURE DEPARTMENT	SCG DIRECTOR ORG EFFECTIVENESS	Workforce Planning / Qualified Workforce	Training - Technical non-HR	Overall	No	(298)	(339)	(349)	(359)	(298)	-91%	-100%	-100%	-100%	-91%
O&M	**PEOPLE AND CULTURE DEPARTMENT**	**SubTotal SCG DIRECTOR ORG EFFECTIVENESS**				**Yes**	**(372)**	**(3,606)**	**(3,714)**	**(3,825)**	**(372)**	**-11%**	**-100%**	**-100%**	**-100%**	**-11%**
O&M	PEOPLE AND CULTURE DEPARTMENT	SCG DIRECTOR PERF & ORGNL STRATEGY	Non-RAMP	Non-RAMP	Non-RAMP	No	441	(864)	(890)	(917)	441	53%	-100%	-100%	-100%	53%
O&M	PEOPLE AND CULTURE DEPARTMENT	SCG DIRECTOR PERF & ORGNL STRATEGY	Workforce Planning / Qualified Workforce	Workforce Planning	Overall	No	(126)	(909)	(936)	(964)	(126)	-14%	-100%	-100%	-100%	-14%
O&M	**PEOPLE AND CULTURE DEPARTMENT**	**SubTotal SCG DIRECTOR PERF & ORGNL STRATEGY**				**Yes**	**315**	**(1,773)**	**(1,826)**	**(1,881)**	**315**	**18%**	**-100%**	**-100%**	**-100%**	**18%**
O&M	PEOPLE AND CULTURE DEPARTMENT	SCG DIVERSITY, EQUITY AND INCLUSION DIRECTOR	Non-RAMP	Non-RAMP	Non-RAMP	No	(285)	(1,006)	(1,036)	(1,067)	(285)	-29%	-100%	-100%	-100%	-29%
O&M	**PEOPLE AND CULTURE DEPARTMENT**	**SubTotal SCG DIVERSITY, EQUITY AND INCLUSION DIRECTOR**				**Yes**	**(285)**	**(1,006)**	**(1,036)**	**(1,067)**	**(285)**	**-29%**	**-100%**	**-100%**	**-100%**	**-29%**
O&M	PEOPLE AND CULTURE DEPARTMENT	WORKERS COMP AND LONGTERM DISABILITY	Non-RAMP	Non-RAMP	Non-RAMP	No	(2,216)	(27,160)	(27,975)	(28,814)	(2,216)	-8%	-100%	-100%	-100%	-8%
O&M	**PEOPLE AND CULTURE DEPARTMENT**	**SubTotal WORKERS COMP AND LONG TERM DISABILITY**				**Yes**	**(2,216)**	**(27,160)**	**(27,975)**	**(28,814)**	**(2,216)**	**-8%**	**-100%**	**-100%**	**-100%**	**-8%**

SoCalGas PEOPLE AND CULTURE DEPARTMENT O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
O&M	**PEOPLE AND CULTURE DEPARTMENT**	**PEOPLE AND CULTURE DEPARTMENT**				Yes																					
O&M	PEOPLE AND CULTURE DEPARTMENT	ECS SYSTEM REPORTING	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	**PEOPLE AND CULTURE DEPARTMENT**	**SubTotal ECS SYSTEM REPORTING**				Yes																					
O&M	PEOPLE AND CULTURE DEPARTMENT	EXECUTIVE OFFICES	Non-RAMP	Non-RAMP	Non-RAMP	No	FTE	6				6	5				5	2	0	0	0	2	35 %	0 %	0 %	0 %	35 %
O&M	**PEOPLE AND CULTURE DEPARTMENT**	**SubTotal EXECUTIVE OFFICES**				Yes																					
O&M	PEOPLE AND CULTURE DEPARTMENT	SCG BUSINESS PARTNERS	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	**PEOPLE AND CULTURE DEPARTMENT**	**SubTotal SCG BUSINESS PARTNERS**				Yes																					
O&M	PEOPLE AND CULTURE DEPARTMENT	SCG DIRECTOR HR SERVICES	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	**PEOPLE AND CULTURE DEPARTMENT**	**SubTotal SCG DIRECTOR HR SERVICES**				Yes																					
O&M	PEOPLE AND CULTURE DEPARTMENT	SCG DIRECTOR LABOR RELATIONS & WELLNESS	Non-RAMP	Non-RAMP	Non-RAMP	No	FTE	15				15	15				15	1	0	0	0	1	4 %	0 %	0 %	0 %	4 %
O&M	PEOPLE AND CULTURE DEPARTMENT	SCG DIRECTOR LABOR RELATIONS & WELLNESS	Incident Involving an Employee	Drug and Alcohol Testing Programs	Overall	No	Drug tests	2,339				2,339	5,345				5,345	(3,006)	0	0	0	(3,006)	(56)%	0 %	0 %	0 %	(56)%
O&M	PEOPLE AND CULTURE DEPARTMENT	SCG DIRECTOR LABOR RELATIONS & WELLNESS	Incident Involving an Employee	Employee Wellness Programs	Overall	No	FTE	8				8	7				7	1	0	0	0	1	12 %	0 %	0 %	0 %	12 %
O&M	**PEOPLE AND CULTURE DEPARTMENT**	**SubTotal SCG DIRECTOR LABOR RELATIONS & WELLNESS**				Yes																					
O&M	PEOPLE AND CULTURE DEPARTMENT	SCG DIRECTOR ORG EFFECTIVENESS	Non-RAMP	Non-RAMP	Non-RAMP	No	FTE	17				17	17				17	(1)	0	0	0	(1)	(3)%	0 %	0 %	0 %	(3)%
O&M	PEOPLE AND CULTURE DEPARTMENT	SCG DIRECTOR ORG EFFECTIVENESS	Workforce Planning / Qualified Workforce	Knowledge Transfer	Overall	No	FTE	1				1	1				1	0	0	0	0	0	17 %	0 %	0 %	0 %	17 %
O&M	PEOPLE AND CULTURE DEPARTMENT	SCG DIRECTOR ORG EFFECTIVENESS	Workforce Planning / Qualified Workforce	Training	Overall	No	FTE	7				7	5				5	2	0	0	0	2	33 %	0 %	0 %	0 %	33 %
O&M	PEOPLE AND CULTURE DEPARTMENT	SCG DIRECTOR ORG EFFECTIVENESS	Workforce Planning / Qualified Workforce	Training - Technical non-HR	Overall	No	FTE	0				0	0				0	(0)	0	0	0	(0)	(57)%	0 %	0 %	0 %	(57)%
O&M	**PEOPLE AND CULTURE DEPARTMENT**	**SubTotal SCG DIRECTOR ORG EFFECTIVENESS**				Yes																					
O&M	PEOPLE AND CULTURE DEPARTMENT	SCG DIRECTOR PERF & ORGNL STRATEGY	Non-RAMP	Non-RAMP	Non-RAMP	No	FTE	6				6	8				8	(2)	0	0	0	(2)	(20)%	0 %	0 %	0 %	(20)%
O&M	PEOPLE AND CULTURE DEPARTMENT	SCG DIRECTOR PERF & ORGNL STRATEGY	Workforce Planning / Qualified Workforce	Workforce Planning	Overall	No	FTE	3				3	5				5	(2)	0	0	0	(2)	(44)%	0 %	0 %	0 %	(44)%
O&M	**PEOPLE AND CULTURE DEPARTMENT**	**SubTotal SCG DIRECTOR PERF & ORGNL STRATEGY**				Yes																					
O&M	PEOPLE AND CULTURE DEPARTMENT	SCG DIVERSITY, EQUITY AND INCLUSION DIRECTOR	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	**PEOPLE AND CULTURE DEPARTMENT**	**SubTotal SCG DIVERSITY, EQUITY AND INCLUSION DIRECTOR**				Yes																					
O&M	PEOPLE AND CULTURE DEPARTMENT	WORKERS COMP AND LONG TERM DISABILITY	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	**PEOPLE AND CULTURE DEPARTMENT**	**SubTotal WORKERS COMP AND LONG TERM DISABILITY**				Yes																					

SoCalGas PEOPLE AND CULTURE DEPARTMENT O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Safety, Reliability, or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status	Status Variance Explanation Required?
O&M	**PEOPLE AND CULTURE DEPARTMENT**	**PEOPLE AND CULTURE DEPARTMENT**				Yes										
O&M	PEOPLE AND CULTURE DEPARTMENT	ECS SYSTEM REPORTING	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
O&M	**PEOPLE AND CULTURE DEPARTMENT**	**SubTotal ECS SYSTEM REPORTING**				**Yes**	**NO**	NO	NO							NO
O&M	PEOPLE AND CULTURE DEPARTMENT	EXECUTIVE OFFICES	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	YES	N/A	The unit variance is due to the final GRC decision excluding the compensation for the Vice President of Human Resources, Chief Talent & Culture Officer consistent with Resolution E-4963.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**PEOPLE AND CULTURE DEPARTMENT**	**SubTotal EXECUTIVE OFFICES**				**Yes**	**YES**	**NO**								**NO**
O&M	PEOPLE AND CULTURE DEPARTMENT	SCG BUSINESS PARTNERS	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
O&M	**PEOPLE AND CULTURE DEPARTMENT**	**SubTotal SCG BUSINESS PARTNERS**				**Yes**	**NO**	NO	NO							NO
O&M	PEOPLE AND CULTURE DEPARTMENT	SCG DIRECTOR HR SERVICES	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
O&M	**PEOPLE AND CULTURE DEPARTMENT**	**SubTotal SCG DIRECTOR HR SERVICES**				**Yes**	**NO**	NO	NO							NO
O&M	PEOPLE AND CULTURE DEPARTMENT	SCG DIRECTOR LABOR RELATIONS & WELLNESS	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	PEOPLE AND CULTURE DEPARTMENT	SCG DIRECTOR LABOR RELATIONS & WELLNESS	Incident Involving an Employee	Drug and Alcohol Testing Programs	Overall	No	YES	NO	YES	N/A	The unit variance is due to lower than forecasted headcount and Department of Transportation regulations reducing the annual rate of random drug testing from 50% to 25% in 2024 for employees who perform operation, maintenance, or emergency-response functions.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	PEOPLE AND CULTURE DEPARTMENT	SCG DIRECTOR LABOR RELATIONS & WELLNESS	Incident Involving an Employee	Employee Wellness Programs	Overall	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**PEOPLE AND CULTURE DEPARTMENT**	**SubTotal SCG DIRECTOR LABOR RELATIONS & WELLNESS**				**Yes**	**YES**	**NO**								**NO**
O&M	PEOPLE AND CULTURE DEPARTMENT	SCG DIRECTOR ORG EFFECTIVENESS	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	PEOPLE AND CULTURE DEPARTMENT	SCG DIRECTOR ORG EFFECTIVENESS	Workforce Planning / Qualified Workforce	Knowledge Transfer	Overall	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	PEOPLE AND CULTURE DEPARTMENT	SCG DIRECTOR ORG EFFECTIVENESS	Workforce Planning / Qualified Workforce	Training	Overall	No	YES	NO	YES	N/A	The unit variance is due to a shift from external resources to internal labor.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	PEOPLE AND CULTURE DEPARTMENT	SCG DIRECTOR ORG EFFECTIVENESS	Workforce Planning / Qualified Workforce	Training - Technical non-HR	Overall	No	YES	NO	YES	N/A	The unit variance is due to a shift from external resources to internal labor.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**PEOPLE AND CULTURE DEPARTMENT**	**SubTotal SCG DIRECTOR ORG EFFECTIVENESS**				**Yes**	**YES**	**NO**								**NO**
O&M	PEOPLE AND CULTURE DEPARTMENT	SCG DIRECTOR PERF & ORGNL STRATEGY	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	YES	N/A	Lower actual unit count driven by one FTE that was on leave for a portion of the year and one FTE charged more labor to various capital projects than forecasted.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	PEOPLE AND CULTURE DEPARTMENT	SCG DIRECTOR PERF & ORGNL STRATEGY	Workforce Planning / Qualified Workforce	Workforce Planning	Overall	No	YES	NO	YES	N/A	The unit variance is lower than forecasted FTE due to one FTE transfer to Gas Distribution (workpaper 2GD009.000) and another resource whose work fell under the Information Technology workpaper 2IT013.000.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**PEOPLE AND CULTURE DEPARTMENT**	**SubTotal SCG DIRECTOR PERF & ORGNL STRATEGY**				**Yes**	**YES**	**NO**								**NO**
O&M	PEOPLE AND CULTURE DEPARTMENT	SCG DIVERSITY, EQUITY AND INCLUSION DIRECTOR	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
O&M	**PEOPLE AND CULTURE DEPARTMENT**	**SubTotal SCG DIVERSITY, EQUITY AND INCLUSION DIRECTOR**				**Yes**	**NO**	NO	NO							NO
O&M	PEOPLE AND CULTURE DEPARTMENT	WORKERS COMP AND LONG TERM DISABILITY	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
O&M	**PEOPLE AND CULTURE DEPARTMENT**	**SubTotal WORKERS COMP AND LONG TERM DISABILITY**				**Yes**	**NO**	NO	NO							NO

SoCalGas PEOPLE AND CULTURE DEPARTMENT O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Status Variance Explanation	WP Activity Description	2024 GRC Testimony Location
O&M	**PEOPLE AND CULTURE DEPARTMENT**	**PEOPLE AND CULTURE DEPARTMENT**				Yes			
O&M	PEOPLE AND CULTURE DEPARTMENT	ECS SYSTEM REPORTING	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**PEOPLE AND CULTURE DEPARTMENT**	**SubTotal ECS SYSTEM REPORTING**				**Yes**			
O&M	PEOPLE AND CULTURE DEPARTMENT	EXECUTIVE OFFICES	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A	The Chief Executive Officer, President, Chief Operating Officer, and Chief Administrative & Diversity Officer provide executive leadership within SoCalGas. These officers are ultimately responsible and accountable for the performance of SoCalGas. Executive Leadership executes the direction utility employees follow in providing safe, reliable and equitable service to customers.	SCG-28-WP-R-E AMN-34 to AMN-36 WP 28R001.000
O&M	**PEOPLE AND CULTURE DEPARTMENT**	**SubTotal EXECUTIVE OFFICES**				**Yes**			
O&M	PEOPLE AND CULTURE DEPARTMENT	SCG BUSINESS PARTNERS	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**PEOPLE AND CULTURE DEPARTMENT**	**SubTotal SCG BUSINESS PARTNERS**				**Yes**			
O&M	PEOPLE AND CULTURE DEPARTMENT	SCG DIRECTOR HR SERVICES	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**PEOPLE AND CULTURE DEPARTMENT**	**SubTotal SCG DIRECTOR HR SERVICES**				**Yes**			
O&M	PEOPLE AND CULTURE DEPARTMENT	SCG DIRECTOR LABOR RELATIONS & WELLNESS	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
O&M	PEOPLE AND CULTURE DEPARTMENT	SCG DIRECTOR LABOR RELATIONS & WELLNESS	Incident Involving an Employee	Drug and Alcohol Testing Programs	Overall	No	N/A	Labor Relations is responsible for Company-Union relations including Collective Bargaining Agreement (CBA) negotiations, contract administration, grievances, mediations, arbitrations and National Labor Relations Board (NLRB) actions. Employee Assistance Program (EAP) & Wellness is responsible for compliance with all required health and safety regulations (DOT, OSHA, etc.) with the goal of creating an incident-free workplace. EAP & Wellness also manages and administers the Company's drug and alcohol testing programs , employee assistance program, and wellness programs and activities.	SCG-28-WP-R-E AMN-16 to AMN-21 WP 28R005.000
O&M	PEOPLE AND CULTURE DEPARTMENT	SCG DIRECTOR LABOR RELATIONS & WELLNESS	Incident Involving an Employee	Employee Wellness Programs	Overall	No	N/A		
O&M	**PEOPLE AND CULTURE DEPARTMENT**	**SubTotal SCG DIRECTOR LABOR RELATIONS & WELLNESS**				**Yes**			
O&M	PEOPLE AND CULTURE DEPARTMENT	SCG DIRECTOR ORG EFFECTIVENESS	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
O&M	PEOPLE AND CULTURE DEPARTMENT	SCG DIRECTOR ORG EFFECTIVENESS	Workforce Planning / Qualified Workforce	Knowledge Transfer	Overall	No	N/A		
O&M	PEOPLE AND CULTURE DEPARTMENT	SCG DIRECTOR ORG EFFECTIVENESS	Workforce Planning / Qualified Workforce	Training	Overall	No	N/A	The Organizational Effectiveness (OE) department provides leadership, organizational, and employee development programs, instructional design services, and knowledge transfer and management programs for SoCalGas. OE consists of three groups providing services to SoCalGas: Organizational Development & Talent Management, Knowledge Management, and Learning & Development.	SCG-28-R-E AMN-22 to AMN-26 28R007.000
O&M	PEOPLE AND CULTURE DEPARTMENT	SCG DIRECTOR ORG EFFECTIVENESS	Workforce Planning / Qualified Workforce	Training - Technical non-HR	Overall	No	N/A	The Organizational Effectiveness (OE) department provides leadership, organizational, and employee development programs, instructional design services, and knowledge transfer and management programs for SoCalGas. OE consists of three groups providing services to SoCalGas: Organizational Development & Talent Management, Knowledge Management, and Learning & Development.	SCG-28-R-E AMN-22 to AMN-26 28R007.000
O&M	**PEOPLE AND CULTURE DEPARTMENT**	**SubTotal SCG DIRECTOR ORG EFFECTIVENESS**				**Yes**			
O&M	PEOPLE AND CULTURE DEPARTMENT	SCG DIRECTOR PERF & ORGNL STRATEGY	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A	The Performance Management and Organizational Strategy (PMOS) department acts as an internal consultancy at SoCalGas, developing systems and processes to effectively measure and monitor workforce performance, improve operational productivity, quality, efficiency and effectiveness.	SCG-28-R-E AMN-30 to AMN-34 28R003.000
O&M	PEOPLE AND CULTURE DEPARTMENT	SCG DIRECTOR PERF & ORGNL STRATEGY	Workforce Planning / Qualified Workforce	Workforce Planning	Overall	No	N/A	The Performance Management and Organizational Strategy (PMOS) department acts as an internal consultancy at SoCalGas, developing systems and processes to effectively measure and monitor workforce performance, improve operational productivity, quality, efficiency and effectiveness.	SCG-28-R-E AMN-30 to AMN-34 28R003.000
O&M	**PEOPLE AND CULTURE DEPARTMENT**	**SubTotal SCG DIRECTOR PERF & ORGNL STRATEGY**				**Yes**			
O&M	PEOPLE AND CULTURE DEPARTMENT	SCG DIVERSITY, EQUITY AND INCLUSION DIRECTOR	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**PEOPLE AND CULTURE DEPARTMENT**	**SubTotal SCG DIVERSITY, EQUITY AND INCLUSION DIRECTOR**				**Yes**			
O&M	PEOPLE AND CULTURE DEPARTMENT	WORKERS COMP AND LONG TERM DISABILITY	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**PEOPLE AND CULTURE DEPARTMENT**	**SubTotal WORKERS COMP AND LONG TERM DISABILITY**				**Yes**			

SoCalGas REAL ESTATE, LAND SERVICES & FACILITY OPERATIONS O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date ($)
O&M	REAL ESTATE, LAND SERVICES & FACILITY OPERATIONS	REAL ESTATE, LAND SERVICES & FACILITY OPERATIONS				Yes			58,021	—	—	—	58,021	51,648	53,198	54,793	56,436	51,648
O&M	REAL ESTATE & FACILITIES	FACILITIES - MONTEREY PARK MGR	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	2,602	—	—	—	2,602	2,766	2,849	2,934	3,022	2,766
O&M	**REAL ESTATE & FACILITIES**	**SubTotal FACILITIES - MONTEREY PARK MGR**				**Yes**			**2,602**	**—**	**—**	**—**	**2,602**	**2,766**	**2,849**	**2,934**	**3,022**	**2,766**
O&M	REAL ESTATE & FACILITIES	FACILITIES GCT	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	2,609	—	—	—	2,609	1,395	1,437	1,480	1,524	1,395
O&M	**REAL ESTATE & FACILITIES**	**SubTotal FACILITIES GCT**				**Yes**			**2,609**	**—**	**—**	**—**	**2,609**	**1,395**	**1,437**	**1,480**	**1,524**	**1,395**
O&M	REAL ESTATE & FACILITIES	FACILITIES MGR - PICO RIVERA	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	—	—	—	—	—	452	466	480	494	452
O&M	**REAL ESTATE & FACILITIES**	**SubTotal FACILITIES MGR - PICO RIVERA**				**Yes**			**—**	**—**	**—**	**—**	**—**	**452**	**466**	**480**	**494**	**452**
O&M	REAL ESTATE & FACILITIES	FACILITY OPERATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	24,981	—	—	—	24,981	22,110	22,773	23,456	24,159	22,110
O&M	REAL ESTATE & FACILITIES	FACILITY OPERATIONS	Physical Security	Contract Security	Non vehicle	No	On-going	Annual	2,841	—	—	—	2,841	462	476	490	505	462
O&M	REAL ESTATE & FACILITIES	FACILITY OPERATIONS	Incident Involving an Employee	Workplace Violence Prevention Programs	Non vehicle	No	On-going	Annual	1,536	—	—	—	1,536	1,710	1,761	1,814	1,869	1,710
O&M	**REAL ESTATE & FACILITIES**	**SubTotal FACILITY OPERATIONS**				**Yes**			**29,358**	**—**	**—**	**—**	**29,358**	**24,282**	**25,010**	**25,760**	**26,533**	**24,282**
O&M	REAL ESTATE & FACILITIES	GCT RENTS	Non-RAMP	Non-RAMP	Non-RAMP	No			17,594	—	—	—	17,594	17,345	17,865	18,401	18,953	17,345
O&M	**REAL ESTATE & FACILITIES**	**SubTotal GCT RENTS**				**Yes**			**17,594**	**—**	**—**	**—**	**17,594**	**17,345**	**17,865**	**18,401**	**18,953**	**17,345**
O&M	REAL ESTATE & FACILITIES	SCG MICROWAVE RENTS	Non-RAMP	Non-RAMP	Non-RAMP	No			2,529	—	—	—	2,529	2,274	2,342	2,412	2,484	2,274
O&M	**REAL ESTATE & FACILITIES**	**SubTotal SCG MICROWAVE RENTS**				**Yes**			**2,529**	**—**	**—**	**—**	**2,529**	**2,274**	**2,342**	**2,412**	**2,484**	**2,274**
O&M	REAL ESTATE & FACILITIES	SCG REAL ESTATE	Non-RAMP	Non-RAMP	Non-RAMP	No			671	—	—	—	671	633	652	672	692	633
O&M	**REAL ESTATE & FACILITIES**	**SubTotal SCG REAL ESTATE**				**Yes**			**671**	**—**	**—**	**—**	**671**	**633**	**652**	**672**	**692**	**633**
O&M	REAL ESTATE & FACILITIES	SCG RENTS	Non-RAMP	Non-RAMP	Non-RAMP	No			2,659	—	—	—	2,659	2,902	2,577	2,654	2,734	2,902
O&M	**REAL ESTATE & FACILITIES**	**SubTotal SCG RENTS**				**Yes**			**2,659**	**—**	**—**	**—**	**2,659**	**2,902**	**2,577**	**2,654**	**2,734**	**2,902**

SoCalGas REAL ESTATE, LAND SERVICES & FACILITY OPERATIONS O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference ($)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
O&M	REAL ESTATE, LAND SERVICES & FACILITY OPERATIONS	REAL ESTATE, LAND SERVICES & FACILITY OPERATIONS				Yes	6,372	(53,139)	(54,793)	(54,436)	6,372	12%	-100%	-100%	-100%	12%
O&M	REAL ESTATE & FACILITIES	FACILITIES - MONTEREY PARK MGR	Non-RAMP	Non-RAMP	Non-RAMP	No	(164)	(2,849)	(2,934)	(3,022)	(164)	-6%	-100%	-100%	-100%	-6%
O&M	**REAL ESTATE & FACILITIES**	**SubTotal FACILITIES - MONTEREY PARK MGR**				**Yes**	**(164)**	**(2,849)**	**(2,934)**	**(3,022)**	**(164)**	**-6%**	**-100%**	**-100%**	**-100%**	**-6%**
O&M	REAL ESTATE & FACILITIES	FACILITIES GCT	Non-RAMP	Non-RAMP	Non-RAMP	No	1,214	(1,437)	(1,480)	(1,524)	1,214	87%	-100%	-100%	-100%	87%
O&M	**REAL ESTATE & FACILITIES**	**SubTotal FACILITIES GCT**				**Yes**	**1,214**	**(1,437)**	**(1,480)**	**(1,524)**	**1,214**	**87%**	**-100%**	**-100%**	**-100%**	**87%**
O&M	REAL ESTATE & FACILITIES	FACILITIES MGR - PICO RIVERA	Non-RAMP	Non-RAMP	Non-RAMP	No	(452)	(466)	(480)	(494)	(452)	-100%	-100%	-100%	-100%	-100%
O&M	**REAL ESTATE & FACILITIES**	**SubTotal FACILITIES MGR - PICO RIVERA**				**Yes**	**(452)**	**(466)**	**(480)**	**(494)**	**(452)**	**-100%**	**-100%**	**-100%**	**-100%**	**-100%**
O&M	REAL ESTATE & FACILITIES	FACILITY OPERATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	2,871	(22,773)	(23,456)	(24,159)	2,871	13%	-100%	-100%	-100%	13%
O&M	REAL ESTATE & FACILITIES	FACILITY OPERATIONS	Physical Security	Contract Security	Non vehicle	No	2,379	(476)	(490)	(505)	2,379	515%	-100%	-100%	-100%	515%
O&M	REAL ESTATE & FACILITIES	FACILITY OPERATIONS	Incident Involving an Employee	Workplace Violence Prevention Programs	Non vehicle	No	(174)	(1,761)	(1,814)	(1,869)	(174)	-10%	-100%	-100%	-100%	-10%
O&M	**REAL ESTATE & FACILITIES**	**SubTotal FACILITY OPERATIONS**				**Yes**	**5,076**	**(25,010)**	**(25,760)**	**(26,533)**	**5,076**	**21%**	**-100%**	**-100%**	**-100%**	**21%**
O&M	REAL ESTATE & FACILITIES	GCT RENTS	Non-RAMP	Non-RAMP	Non-RAMP	No	249	(17,865)	(18,401)	(18,953)	249	1%	-100%	-100%	-100%	1%
O&M	**REAL ESTATE & FACILITIES**	**SubTotal GCT RENTS**				**Yes**	**249**	**(17,865)**	**(18,401)**	**(18,953)**	**249**	**1%**	**-100%**	**-100%**	**-100%**	**1%**
O&M	REAL ESTATE & FACILITIES	SCG MICROWAVE RENTS	Non-RAMP	Non-RAMP	Non-RAMP	No	255	(2,342)	(2,412)	(2,484)	255	11%	-100%	-100%	-100%	11%
O&M	**REAL ESTATE & FACILITIES**	**SubTotal SCG MICROWAVE RENTS**				**Yes**	**255**	**(2,342)**	**(2,412)**	**(2,484)**	**255**	**11%**	**-100%**	**-100%**	**-100%**	**11%**
O&M	REAL ESTATE & FACILITIES	SCG REAL ESTATE	Non-RAMP	Non-RAMP	Non-RAMP	No	38	(652)	(672)	(692)	38	6%	-100%	-100%	-100%	6%
O&M	**REAL ESTATE & FACILITIES**	**SubTotal SCG REAL ESTATE**				**Yes**	**38**	**(652)**	**(672)**	**(692)**	**38**	**6%**	**-100%**	**-100%**	**-100%**	**6%**
O&M	REAL ESTATE & FACILITIES	SCG RENTS	Non-RAMP	Non-RAMP	Non-RAMP	No	157	(2,577)	(2,654)	(2,734)	157	6%	-100%	-100%	-100%	6%
O&M	**REAL ESTATE & FACILITIES**	**SubTotal SCG RENTS**				**Yes**	**157**	**(2,577)**	**(2,654)**	**(2,734)**	**157**	**6%**	**-100%**	**-100%**	**-100%**	**6%**

SoCalGas REAL ESTATE, LAND SERVICES & FACILITY OPERATIONS O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
O&M	**REAL ESTATE, LAND SERVICES & FACILITY OPERATIONS**	**REAL ESTATE, LAND SERVICES & FACILITY OPERATIONS**				Yes																					
O&M	REAL ESTATE & FACILITIES	FACILITIES - MONTEREY PARK MGR	Non-RAMP	Non-RAMP	Non-RAMP	No	FTE	5				5	4				4	1	0	0	0	1	26 %	0 %	0 %	0 %	26 %
O&M	**REAL ESTATE & FACILITIES**	**SubTotal FACILITIES - MONTEREY PARK MGR**				**Yes**																					
O&M	REAL ESTATE & FACILITIES	FACILITIES GCT	Non-RAMP	Non-RAMP	Non-RAMP	No	FTE	4				4	7				7	(3)	0	0	0	(3)	(43) %	0 %	0 %	0 %	(43) %
O&M	**REAL ESTATE & FACILITIES**	**SubTotal FACILITIES GCT**				**Yes**																					
O&M	REAL ESTATE & FACILITIES	FACILITIES MGR - PICO RIVERA	Non-RAMP	Non-RAMP	Non-RAMP	No	FTE	—				—	1				1	(1)	0	0	0	(1)	(100) %	0 %	0 %	0 %	(100) %
O&M	**REAL ESTATE & FACILITIES**	**SubTotal FACILITIES MGR - PICO RIVERA**				**Yes**																					
O&M	REAL ESTATE & FACILITIES	FACILITY OPERATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	FTE	44				44	51				51	(7)	0	0	0	(7)	(13) %	0 %	0 %	0 %	(13) %
O&M	REAL ESTATE & FACILITIES	FACILITY OPERATIONS	Physical Security	Contract Security	Non vehicle	No	Security guards	39				39	6				6	33	0	0	0	33	515 %	0 %	0 %	0 %	515 %
O&M	REAL ESTATE & FACILITIES	FACILITY OPERATIONS	Incident Involving an Employee	Workplace Violence Prevention Programs	Non vehicle	No	Work orders	1,022				1,022	1,138				1,138	(116)	0	0	0	(116)	(10) %	0 %	0 %	0 %	(10) %
O&M	**REAL ESTATE & FACILITIES**	**SubTotal FACILITY OPERATIONS**				**Yes**																					
O&M	REAL ESTATE & FACILITIES	GCT RENTS	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	**REAL ESTATE & FACILITIES**	**SubTotal GCT RENTS**				**Yes**																					
O&M	REAL ESTATE & FACILITIES	SCG MICROWAVE RENTS	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	**REAL ESTATE & FACILITIES**	**SubTotal SCG MICROWAVE RENTS**				**Yes**																					
O&M	REAL ESTATE & FACILITIES	SCG REAL ESTATE	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	**REAL ESTATE & FACILITIES**	**SubTotal SCG REAL ESTATE**				**Yes**																					
O&M	REAL ESTATE & FACILITIES	SCG RENTS	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	**REAL ESTATE & FACILITIES**	**SubTotal SCG RENTS**				**Yes**																					

SoCalGas REAL ESTATE, LAND SERVICES & FACILITY OPERATIONS O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Safety, Reliability, or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status	Status Variance Explanation Required?
O&M	REAL ESTATE, LAND SERVICES & FACILITY OPERATIONS	REAL ESTATE, LAND SERVICES & FACILITY OPERATIONS				Yes										
O&M	REAL ESTATE & FACILITIES	FACILITIES - MONTEREY PARK MGR	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	YES	N/A	The variance is due to higher than forecasted staffing levels due to an FTE transfer from workpaper FACILITIES GCT.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**REAL ESTATE & FACILITIES**	**SubTotal FACILITIES - MONTEREY PARK MGR**				**Yes**	**YES**	**NO**								**NO**
O&M	REAL ESTATE & FACILITIES	FACILITIES GCT	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	YES	YES	The variance is primarily related to costs associated with vacating floors, moving expenses, security changes, and unexpected maintenance and repairs.	The variance is due to lower than forecasted mechanic and operator staffing levels attributed to repurposing employees to support work at other locations.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**REAL ESTATE & FACILITIES**	**SubTotal FACILITIES GCT**				**Yes**	**YES**	**YES**								**NO**
O&M	REAL ESTATE & FACILITIES	FACILITIES MGR - PICO RIVERA	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	YES	N/A	The variance is due to delays in project completion of the building.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	YES
O&M	**REAL ESTATE & FACILITIES**	**SubTotal FACILITIES MGR - PICO RIVERA**				**Yes**	**YES**	**NO**								**YES**
O&M	REAL ESTATE & FACILITIES	FACILITY OPERATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	REAL ESTATE & FACILITIES	FACILITY OPERATIONS	Physical Security	Contract Security	Non vehicle	No	YES	YES	YES	The variance is primarily due to additional contracted security services/devices and repairs as a response to security threats to assets, theft, break-ins, and vandalism at multiple sites.	The variance is primarily due to additional contracted security services/devices and repairs as a response to security threats to assets, theft, break-ins, and vandalism at multiple sites.	Over (O)	On Target (T)	Over (O)	Proceeding as Planned	NO
O&M	REAL ESTATE & FACILITIES	FACILITY OPERATIONS	Incident Involving an Employee	Workplace Violence Prevention Programs	Non vehicle	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**REAL ESTATE & FACILITIES**	**SubTotal FACILITY OPERATIONS**				**Yes**	**YES**	**YES**								**NO**
O&M	REAL ESTATE & FACILITIES	GCT RENTS	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
O&M	**REAL ESTATE & FACILITIES**	**SubTotal GCT RENTS**				**Yes**	**NO**	NO								NO
O&M	REAL ESTATE & FACILITIES	SCG MICROWAVE RENTS	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
O&M	**REAL ESTATE & FACILITIES**	**SubTotal SCG MICROWAVE RENTS**				**Yes**	**NO**	NO								NO
O&M	REAL ESTATE & FACILITIES	SCG REAL ESTATE	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
O&M	**REAL ESTATE & FACILITIES**	**SubTotal SCG REAL ESTATE**				**Yes**	**NO**	NO								NO
O&M	REAL ESTATE & FACILITIES	SCG RENTS	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
O&M	**REAL ESTATE & FACILITIES**	**SubTotal SCG RENTS**				**Yes**	**NO**	NO								NO

SoCalGas REAL ESTATE, LAND SERVICES & FACILITY OPERATIONS O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Status Variance Explanation	WP Activity Description	2024 GRC Testimony Location
O&M	REAL ESTATE, LAND SERVICES & FACILITY OPERATIONS	REAL ESTATE, LAND SERVICES & FACILITY OPERATIONS				Yes			
O&M	REAL ESTATE & FACILITIES	FACILITIES - MONTEREY PARK MGR	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A	This cost center contains the labor and nonlabor costs needed to operate the Monterey Park facility. This facility accommodates over 450 workstations and houses various business units, including Customer Services, Human Resources, and Information Technology. The labor costs include facility mechanics and facility manager labor. Non-labor cots include facility maintenance expenses, such as security, landscaping, HVAC, utilities and janitorial.	SCG-19-R-2E BKG-21 to BKG-23 2200-0696.000
O&M	**REAL ESTATE & FACILITIES**	**SubTotal FACILITIES - MONTEREY PARK MGR**				Yes			
O&M	REAL ESTATE & FACILITIES	FACILITIES GCT	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A	This cost center contains the labor and non-labor costs needed to operate the Gas Company Tower, the corporate headquarters. This facility encompasses over 350,000 square feet of office space and houses various corporate business units, such as accounting and finance, human resources, regulatory and legal departments. The labor costs include facility mechanic and facility manager costs. Non-labor costs include facility maintenance expenses, such as security, HVAC, utilities, janitorial.	SCG-19-R-2E BKG-27 to BKG-28 WP 2200-0735.000
O&M	**REAL ESTATE & FACILITIES**	**SubTotal FACILITIES GCT**				Yes			
O&M	REAL ESTATE & FACILITIES	FACILITIES MGR - PICO RIVERA	Non-RAMP	Non-RAMP	Non-RAMP	No	The variance is due to delays in project completion of the building.	This cost center includes the facility maintenance labor and non-labor costs expected to be incurred upon completion of a new 68,000 SF building on the Pico Rivera facility in July 2024.	SCG-19-R-2E BKG-28 to BKG-29 WP 2200-0766.000
O&M	**REAL ESTATE & FACILITIES**	**SubTotal FACILITIES MGR - PICO RIVERA**				Yes			
O&M	REAL ESTATE & FACILITIES	FACILITY OPERATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
O&M	REAL ESTATE & FACILITIES	FACILITY OPERATIONS	Physical Security	Contract Security	Non vehicle	No	N/A	SoCalGas plans to expand physical security upgrades to replace end-of-life equipment, improve integration, reduce nuisance alarms, and incorporate recent industry security technology enhancements.	SCG-19-R-2E BKG-13 WP 2RE004.000
O&M	REAL ESTATE & FACILITIES	FACILITY OPERATIONS	Incident Involving an Employee	Workplace Violence Prevention Programs	Non vehicle	No	N/A		
O&M	**REAL ESTATE & FACILITIES**	**SubTotal FACILITY OPERATIONS**				Yes			
O&M	REAL ESTATE & FACILITIES	GCT RENTS	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**REAL ESTATE & FACILITIES**	**SubTotal GCT RENTS**				Yes			
O&M	REAL ESTATE & FACILITIES	SCG MICROWAVE RENTS	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**REAL ESTATE & FACILITIES**	**SubTotal SCG MICROWAVE RENTS**				Yes			
O&M	REAL ESTATE & FACILITIES	SCG REAL ESTATE	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**REAL ESTATE & FACILITIES**	**SubTotal SCG REAL ESTATE**				Yes			
O&M	REAL ESTATE & FACILITIES	SCG RENTS	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**REAL ESTATE & FACILITIES**	**SubTotal SCG RENTS**				Yes			

SoCalGas SAFETY, RISK & ASSET MANAGEMENT SYSTEMS O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date (I)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date (L)
O&M	SAFETY, RISK & ASSET MANAGEMENT SYSTEMS	SAFETY, RISK & ASSET MANAGEMENT SYSTEMS				Yes			17,755	—	—	—	17,755	22,790	23,409	24,153	24,879	22,765
O&M	SAFETY MANAGEMENT SYSTEMS	RISK MANAGEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	2,039	—	—	—	2,039	5,237	5,394	5,556	5,723	5,237
O&M	**SAFETY MANAGEMENT SYSTEMS**	**SubTotal RISK MANAGEMENT**				**Yes**			**2,039**	**—**	**—**	**—**	**2,039**	**5,237**	**5,394**	**5,556**	**5,723**	**5,237**
O&M	SAFETY MANAGEMENT SYSTEMS	COMPLIANCE ASSURANCE	Safety Management System	Expand Compliance Assurance Program	N/A	No	On-going	Annual	619	—	—	—	619	586	604	622	641	586
O&M	**SAFETY MANAGEMENT SYSTEMS**	**SubTotal CONTINUOUS IMPROVEMENT**				**Yes**			**599**	**—**	**—**	**—**	**599**	**1,348**	**1,383**	**1,424**	**1,467**	**1,342**
O&M	SAFETY MANAGEMENT SYSTEMS	PIPELINE SAFETY & COMPLIANCE	Safety Management System	Pipeline Safety & Compliance Oversight	N/A	No	On-going	Annual	929	—	—	—	929	598	609	628	647	591
O&M	SAFETY MANAGEMENT SYSTEMS	PIPELINE SAFETY & COMPLIANCE	Safety Management System	Pipeline Safety Self-Assessment	N/A	No	On-going	Annual	39	—	—	—	39	520	542	558	575	526
O&M	**SAFETY MANAGEMENT SYSTEMS**	**SubTotal PIPELINE SAFETY & COMPLIANCE**				**Yes**			**968**	**—**	**—**	**—**	**968**	**1,117**	**1,151**	**1,186**	**1,222**	**1,117**
O&M	SAFETY MANAGEMENT SYSTEMS	EMERGENCY SERVICES	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	456	—	—	—	456	99	102	105	108	99
O&M	SAFETY MANAGEMENT SYSTEMS	EMERGENCY SERVICES	Emergency Preparedness and Response and Pandemic	After Action Review Program	N/A	No	On-going	Annual	138	—	—	—	138	458	468	482	496	458
O&M	SAFETY MANAGEMENT SYSTEMS	EMERGENCY SERVICES	Emergency Preparedness and Response and Pandemic	Crisis Communication Technologies	N/A	No	On-going	Annual	141	—	—	—	141	346	354	365	376	344
O&M	SAFETY MANAGEMENT SYSTEMS	EMERGENCY SERVICES	Emergency Preparedness and Response and Pandemic	Expert Advisory Support	N/A	No	On-going	Annual	43	—	—	—	43	75	79	81	83	75
O&M	SAFETY MANAGEMENT SYSTEMS	EMERGENCY SERVICES	Emergency Preparedness and Response and Pandemic	Incident Command Structure	N/A	No	On-going	Annual	381	—	—	—	381	417	430	443	456	417
O&M	SAFETY MANAGEMENT SYSTEMS	EMERGENCY SERVICES	Emergency Preparedness and Response and Pandemic	Mutual Assistance	N/A	No	On-going	Annual	76	—	—	—	76	37	38	39	40	37
O&M	SAFETY MANAGEMENT SYSTEMS	EMERGENCY SERVICES	Emergency Preparedness and Response and Pandemic	Policies & Procedures	N/A	No	On-going	Annual	669	—	—	—	669	138	159	164	169	154
O&M	SAFETY MANAGEMENT SYSTEMS	EMERGENCY SERVICES	Emergency Preparedness and Response and Pandemic	Response- Watch Desk	N/A	No	On-going	Annual	427	—	—	—	427	485	501	516	534	487
O&M	SAFETY MANAGEMENT SYSTEMS	EMERGENCY SERVICES	Emergency Preparedness and Response and Pandemic	Stakeholder Outreach	N/A	No	On-going	Annual	138	—	—	—	138	268	273	281	289	265
O&M	SAFETY MANAGEMENT SYSTEMS	EMERGENCY SERVICES	Emergency Preparedness and Response and Pandemic	Training Exercises and Drills	N/A	No	On-going	Annual	374	—	—	—	374	268	273	281	289	265
O&M	**SAFETY MANAGEMENT SYSTEMS**	**SubTotal EMERGENCY SERVICES**				**Yes**			**2,042**	**—**	**—**	**—**	**2,042**	**2,359**	**2,677**	**2,757**	**2,840**	**2,359**
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY MANAGEMENT SYSTEMS	Incident Involving an Employee	Expanded Safety Culture Assessments	Overall	No	On-going	Annual	—	—	—	—	—	168	168	173	178	163
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY MANAGEMENT SYSTEMS	Safety Management System	SMS Framework	N/A	No	On-going	Annual	2,584	—	—	—	2,584	2,460	2,539	2,615	2,694	2,465
O&M	**SAFETY MANAGEMENT SYSTEMS**	**Sub Total SAFETY MANAGEMENT SYSTEMS**				**Yes**			**2,584**	**—**	**—**	**—**	**2,584**	**2,628**	**2,707**	**2,788**	**2,872**	**2,628**
O&M	SAFETY MANAGEMENT SYSTEMS	TECHNOLOGY & ANALYTICS	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	(0)	—	—	—	(0)	9	9	9	9	9
O&M	SAFETY MANAGEMENT SYSTEMS	TECHNOLOGY & ANALYTICS	Emergency Preparedness and Response and Pandemic	Emergency Management Technology	N/A	No	On-going	Annual	—	—	—	—	—	61	65	67	69	63
O&M	SAFETY MANAGEMENT SYSTEMS	TECHNOLOGY & ANALYTICS	Incident Involving an Employee	Safe Driving Programs	Vehicle	No	On-going	Annual	172	—	—	—	172	61	66	68	70	64
O&M	SAFETY MANAGEMENT SYSTEMS	TECHNOLOGY & ANALYTICS	Safety Management System	Continuous Improvement and Quality Assurance	N/A	No	On-going	Annual	—	—	—	—	—	228	242	249	256	235
O&M	SAFETY MANAGEMENT SYSTEMS	TECHNOLOGY & ANALYTICS	Safety Management System	Pipeline Safety & Compliance Oversight	N/A	No	On-going	Annual	73	—	—	—	73	66	66	68	70	66

SoCalGas SAFETY, RISK & ASSET MANAGEMENT SYSTEMS O&M

Type	Witness Area (Line of Business)	WP Activity Description (Operating Category)	RAMP Risk Cluster	RAMP Mitigation Activity	RAMP Tranche	Rollup	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date ($)
O&M	SAFETY MANAGEMENT SYSTEMS	TECHNOLOGY & ANALYTICS	Safety Management Systems	Technology & Analytics	N/A	No	On-going	Annual	1,070	—	—	—	1,070	1,298	1,337	1,378	1,420	1,298
O&M	**SAFETY MANAGEMENT SYSTEMS**	**SubTotal PIPELINE SAFETY OVERSIGHT**				**Yes**			**856**	**—**	**—**	**—**	**856**	**938**	**963**	**992**	**1,022**	**938**
O&M	SAFETY MANAGEMENT SYSTEMS	STRATEGY	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	—	—	—	—	—	56	58	60	62	56
O&M	SAFETY MANAGEMENT SYSTEMS	STRATEGY	Safety Management Systems	SMS Framework	N/A	No	On-going	Annual	967	—	—	—	967	1,179	1,214	1,250	1,287	1,179
O&M	**SAFETY MANAGEMENT SYSTEMS**	**SubTotal STRATEGY**				**Yes**			**967**	**—**	**—**	**—**	**967**	**1,235**	**1,272**	**1,310**	**1,349**	**1,235**
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY MANAGEMENT	Incident Involving a Contractor	Contractor Engagement	Overall	No	On-going	Annual	2	—	—	—	2	78	80	82	84	78
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY MANAGEMENT	Incident Involving a Contractor	Contractor Safety Oversight	Overall	No	On-going	Annual	198	—	—	—	198	231	238	245	252	231
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY MANAGEMENT	Incident Involving a Contractor	Third Party Administration Tools	Non-Vehicle	No	On-going	Annual	126	—	—	—	126	277	285	294	303	277
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY MANAGEMENT	Incident Involving an Employee	Creation of a Safety Video Library	Overall	No	On-going	Annual	120	—	—	—	120	41	42	43	44	41
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY MANAGEMENT	Incident Involving an Employee	Employee Health and Safety Programs and Standardized Policies	Overall	No	On-going	Annual	816	—	—	—	816	718	735	757	780	718
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY MANAGEMENT	Incident Involving an Employee	Employee Safety Training and awareness program	Overall	No	On-going	Annual	130	—	—	—	130	595	605	623	642	595
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY MANAGEMENT	Incident Involving an Employee	Employee Wellness Programs	Overall	No	On-going	Annual	1,186	—	—	—	1,186	448	461	475	489	448
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY MANAGEMENT	Incident Involving an Employee	Industrial Hygiene Program Expansion	Non-Vehicle	No	On-going	Annual	223	—	—	—	223	127	131	135	139	127
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY MANAGEMENT	Incident Involving an Employee	Industrial Hygiene Program Refresh	Non-Vehicle	No	On-going	Annual	220	—	—	—	220	808	833	858	884	808
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY MANAGEMENT	Incident Involving an Employee	Near Miss, Stop the Job and Jobsite Safety Program	Overall	No	On-going	Annual	265	—	—	—	265	269	277	285	294	269
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY MANAGEMENT	Incident Involving an Employee	Personal Protective Equipment (PPE)	Non-vehicle Incident	No	On-going	Annual	—	—	—	—	—	253	261	269	277	253
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY MANAGEMENT	Incident Involving an Employee	Proactive monitoring for indoor air quality and chemicals of concern	Non-Vehicle	No	On-going	Annual	47	—	—	—	47	61	63	65	67	61
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY MANAGEMENT	Incident Involving an Employee	Skill Driving Programs	Vehicle	No	On-going	Annual	622	—	—	—	622	758	781	804	828	758
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY MANAGEMENT	Incident Involving an Employee	Safety Culture Programs	Overall	No	On-going	Annual	211	—	—	—	211	548	557	574	591	548
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY MANAGEMENT	Incident Involving an Employee	Utilizing Industry Best Practices and Benchmarking	Overall	No	On-going	Annual	0	—	—	—	0	159	164	169	174	159
O&M	**SAFETY MANAGEMENT SYSTEMS**	**SubTotal SAFETY MANAGEMENT**				**Yes**			**4,167**	**—**	**—**	**—**	**4,167**	**5,352**	**5,513**	**5,678**	**5,848**	**5,352**

SoCalGas SAFETY, RISK & ASSET MANAGEMENT SYSTEMS O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference (E)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
O&M	SAFETY, RISK & ASSET MANAGEMENT SYSTEMS	SAFETY, RISK & ASSET MANAGEMENT SYSTEMS				Yes	(9,418)	(23,649)	(24,192)	(24,879)	(9,418)	-22%	-100%	-100%	-100%	-22%
O&M	SAFETY MANAGEMENTS YSTEMS	RISK MANAGEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	(2,300)	(5,394)	(5,556)	(5,723)	(2,300)	-46%	-100%	-100%	-100%	-46%
O&M	**SAFETY MANAGEMENT SYSTEMS**	**SubTotal RISK MANAGEMENT**				**Yes**	**(2,300)**	**(5,394)**	**(5,556)**	**(5,723)**	**(2,300)**	**-46%**	**-100%**	**-100%**	**-100%**	**-46%**
O&M	SAFETY MANAGEMENTS YSTEMS	COMPLIANCE ASSURANCE	Safety Management System	Expand Compliance Assurance Program	N/A	No	33	(604)	(622)	(641)	33	6%	-100%	-100%	-100%	6%
O&M	**SAFETY MANAGEMENT SYSTEMS**	**SubTotal CONTINUOUS IMPROVEMENT**				**Yes**	**(740)**	**(1,863)**	**(1,434)**	**(1,467)**	**(704)**	**-95%**	**-100%**	**-100%**	**-100%**	**-55%**
O&M	SAFETY MANAGEMENTS YSTEMS	PIPELINE SAFETY & COMPLIANCE	Safety Management System	Pipeline Safety & Compliance Oversight	N/A	No	338	(609)	(628)	(647)	338	57%	-100%	-100%	-100%	57%
O&M	SAFETY MANAGEMENTS YSTEMS	PIPELINE SAFETY & COMPLIANCE	Safety Management System	Pipeline Safety Self-Assessment	N/A	No	(487)	(542)	(558)	(573)	(487)	-93%	-100%	-100%	-100%	-93%
O&M	**SAFETY MANAGEMENT SYSTEMS**	**SubTotal PIPELINE SAFETY & COMPLIANCE**				**Yes**	**(149)**	**(1,151)**	**(1,186)**	**(1,222)**	**(149)**	**-13%**	**-100%**	**-100%**	**-100%**	**-12%**
O&M	SAFETY MANAGEMENTS YSTEMS	EMERGENCY SERVICES	Non-RAMP	Non-RAMP	Non-RAMP	No	355	(102)	(105)	(108)	355	359%	-100%	-100%	-100%	359%
O&M	SAFETY MANAGEMENTS YSTEMS	EMERGENCY SERVICES	Emergency Preparedness and Response and Pandemic	After Action Review Program	N/A	No	(316)	(608)	(682)	(696)	(316)	-70%	-100%	-100%	-100%	-70%
O&M	SAFETY MANAGEMENTS YSTEMS	EMERGENCY SERVICES	Emergency Preparedness and Response and Pandemic	Crisis Communication Technologies	N/A	No	(208)	(534)	(565)	(576)	(203)	-59%	-100%	-100%	-100%	-59%
O&M	SAFETY MANAGEMENTS YSTEMS	EMERGENCY SERVICES	Emergency Preparedness and Response and Pandemic	Expert Advisory Support	N/A	No	(36)	(79)	(81)	(83)	(34)	-44%	-100%	-100%	-100%	-44%
O&M	SAFETY MANAGEMENTS YSTEMS	EMERGENCY SERVICES	Emergency Preparedness and Response and Pandemic	Incident Command Structure	N/A	No	(30)	(430)	(443)	(456)	(56)	-9%	-100%	-100%	-100%	-9%
O&M	SAFETY MANAGEMENTS YSTEMS	EMERGENCY SERVICES	Emergency Preparedness and Response and Pandemic	Mutual Assistance	N/A	No	39	(58)	(59)	(60)	39	106%	-100%	-100%	-100%	106%
O&M	SAFETY MANAGEMENTS YSTEMS	EMERGENCY SERVICES	Emergency Preparedness and Response and Pandemic	Policies & Procedures	N/A	No	515	(159)	(164)	(169)	515	334%	-100%	-100%	-100%	334%
O&M	SAFETY MANAGEMENTS YSTEMS	EMERGENCY SERVICES	Emergency Preparedness and Response and Pandemic	Response- Watch/Desk	N/A	No	(80)	(501)	(516)	(534)	(60)	-12%	-100%	-100%	-100%	-12%
O&M	SAFETY MANAGEMENTS YSTEMS	EMERGENCY SERVICES	Emergency Preparedness and Response and Pandemic	Stakeholder Outreach	N/A	No	(127)	(273)	(281)	(289)	(127)	-68%	-100%	-100%	-100%	-68%
O&M	SAFETY MANAGEMENTS YSTEMS	EMERGENCY SERVICES	Emergency Preparedness and Response and Pandemic	Training Exercises and Drills	N/A	No	109	(273)	(281)	(289)	109	41%	-100%	-100%	-100%	41%
O&M	**SAFETY MANAGEMENT SYSTEMS**	**SubTotal EMERGENCY SERVICES**				**Yes**	**243**	**(2,677)**	**(2,757)**	**(2,840)**	**243**	**9%**	**-100%**	**-100%**	**-100%**	**9%**
O&M	SAFETY MANAGEMENTS YSTEMS	SAFETY MANAGEMENT SYSTEMS	Incident Involving an Employee	Expanded Safety Culture Assessments	Overall	No	(168)	(168)	(173)	(178)	(163)	-100%	-100%	-100%	-100%	-100%
O&M	SAFETY MANAGEMENTS YSTEMS	SAFETY MANAGEMENT SYSTEMS	Safety Management System	SMS Framework	N/A	No	119	(2,539)	(2,615)	(2,694)	119	5%	-100%	-100%	-100%	5%
O&M	**SAFETY MANAGEMENT SYSTEMS**	**Sub Total SAFETY MANAGEMENT SYSTEMS**				**Yes**	**(48)**	**(2,707)**	**(2,788)**	**(2,872)**	**(44)**	**-2%**	**-100%**	**-100%**	**-100%**	**-2%**
O&M	SAFETY MANAGEMENTS YSTEMS	TECHNOLOGY & ANALYTICS	Non-RAMP	Non-RAMP	Non-RAMP	No	(9)	(9)	(9)	(9)	(9)	-100%	-100%	-100%	-100%	-100%
O&M	SAFETY MANAGEMENTS YSTEMS	TECHNOLOGY & ANALYTICS	Emergency Preparedness and Response and Pandemic	Emergency Management Technology	N/A	No	(60)	(65)	(67)	(69)	(63)	-100%	-100%	-100%	-100%	-100%
O&M	SAFETY MANAGEMENT SYSTEMS	TECHNOLOGY & ANALYTICS	Incident Involving an Employee	Safe Driving Programs	Vehicle	No	108	(66)	(68)	(70)	108	169%	-100%	-100%	-100%	169%
O&M	SAFETY MANAGEMENT SYSTEMS	TECHNOLOGY & ANALYTICS	Safety Management System	Continuous Improvement and Quality Assurance	N/A	No	(239)	(242)	(249)	(256)	(255)	-100%	-100%	-100%	-100%	-100%
O&M	SAFETY MANAGEMENT SYSTEMS	TECHNOLOGY & ANALYTICS	Safety Management System	Pipeline Safety & Compliance Oversight	N/A	No	9	(66)	(68)	(70)	9	14%	-100%	-100%	-100%	14%

SoCalGas SAFETY, RISK & ASSET MANAGEMENT SYSTEMS O&M

Type	Witness Area (Line of Business)	WP Activity Description (Operating Category)	RAMP Risk Cluster	RAMP Mitigation Activity	RAMP Tranche	Roll-on	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference ($)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
O&M	SAFETY MANAGEMENT SYSTEMS	TECHNOLOGY & ANALYTICS	Safety Management Systems	Technology & Analytics	N/A	No	(220)	(1,337)	(1,378)	(1,420)	(220)	-18%	-100%	-100%	-100%	-18%
O&M	**SAFETY MANAGEMENT SYSTEMS**	**SubTotal PIPELINE SAFETY OVERSIGHT**				**Yes**	**(8)**	**(963)**	**(992)**	**(1,022)**	**(8)**	**0%**	**-100%**	**-100%**	**-100%**	**-9%**
O&M	SAFETY MANAGEMENT SYSTEMS	STRATEGY	Non-RAMP	Non-RAMP	Non-RAMP	No	(50)	(50)	(60)	(62)	(56)	-100%	-100%	-100%	-100%	-100%
O&M	SAFETY MANAGEMENT SYSTEMS	STRATEGY	Safety Management Systems	SMS Framework	N/A	No	(212)	(1,214)	(1,250)	(1,287)	(212)	-18%	-100%	-100%	-100%	-18%
O&M	**SAFETY MANAGEMENT SYSTEMS**	**SubTotal STRATEGY**				**Yes**	**(260)**	**(1,272)**	**(1,310)**	**(1,349)**	**(268)**	**-22%**	**-100%**	**-100%**	**-100%**	**-22%**
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY MANAGEMENT	Incident Involving a Contractor	Contractor Engagement	Overall	No	(70)	(80)	(82)	(84)	(76)	-98%	-100%	-100%	-100%	-98%
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY MANAGEMENT	Incident Involving a Contractor	Contractor Safety Oversight	Overall	No	(35)	(238)	(245)	(252)	(53)	-14%	-100%	-100%	-100%	-14%
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY MANAGEMENT	Incident Involving a Contractor	Third Party Administration Tools	Non-Vehicle	No	(151)	(285)	(294)	(303)	(151)	-54%	-100%	-100%	-100%	-54%
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY MANAGEMENT	Incident Involving an Employee	Creation of a Safety Value Library	Overall	No	79	(82)	(43)	(44)	79	192%	-100%	-100%	-100%	192%
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY MANAGEMENT	Incident Involving an Employee	Employee Health and Safety Programs and Standardized Policies	Overall	No	102	(735)	(757)	(780)	102	14%	-100%	-100%	-100%	14%
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY MANAGEMENT	Incident Involving an Employee	Employee Safety Training and awareness program	Overall	No	(457)	(605)	(623)	(642)	(457)	-78%	-100%	-100%	-100%	-78%
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY MANAGEMENT	Incident Involving an Employee	Employee Wellness Programs	Overall	No	738	(661)	(475)	(489)	738	165%	-100%	-100%	-100%	165%
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY MANAGEMENT	Incident Involving an Employee	Industrial Hygiene Program/Expansion	Non-Vehicle	No	96	(131)	(135)	(139)	96	75%	-100%	-100%	-100%	75%
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY MANAGEMENT	Incident Involving an Employee	Industrial Hygiene Program/Refresh	Non-Vehicle	No	(588)	(633)	(858)	(884)	(588)	-73%	-100%	-100%	-100%	-73%
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY MANAGEMENT	Incident Involving an Employee	Near Miss, Stop the Job and Jobsite Safety Program	Overall	No	(6)	(277)	(285)	(294)	(6)	-1%	-100%	-100%	-100%	-1%
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY MANAGEMENT	Incident Involving an Employee	Personal Protective Equipment (PPE)	Non-vehicle Incident	No	(259)	(261)	(269)	(277)	(253)	-100%	-100%	-100%	-100%	-100%
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY MANAGEMENT	Incident Involving an Employee	Proactive monitoring for indoor air quality and chemicals of concern	Non-Vehicle	No	(16)	(63)	(65)	(67)	(14)	-22%	-100%	-100%	-100%	-22%
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY MANAGEMENT	Incident Involving an Employee	Skill Driving Programs	Vehicle	No	(130)	(781)	(804)	(828)	(106)	-18%	-100%	-100%	-100%	-18%
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY MANAGEMENT	Incident Involving an Employee	Safety Culture Programs	Overall	No	(330)	(557)	(574)	(591)	(330)	-61%	-100%	-100%	-100%	-61%
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY MANAGEMENT	Incident Involving an Employee	Utilizing Industry Best Practices and Benchmarking	Overall	No	(159)	(164)	(169)	(174)	(159)	-100%	-100%	-100%	-100%	-100%
O&M	**SAFETY MANAGEMENT SYSTEMS**	**SubTotal SAFETY MANAGEMENT**				**Yes**	**(1,105)**	**(5,513)**	**(5,678)**	**(5,848)**	**(1,185)**	**-22%**	**-100%**	**-100%**	**-100%**	**-22%**

SoCalGas SAFETY, RISK & ASSET MANAGEMENT SYSTEMS O&M

Type	Witness Area (Unit of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
O&M	SAFETY, RISK & ASSET MANAGEMENT SYSTEMS	SAFETY, RISK & ASSET MANAGEMENT SYSTEMS				Yes																					
O&M	SAFETY MANAGEMENT SYSTEMS	RISK MANAGEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	This activity area consists of programmatic risk management efforts across various organizations and projects. Cross-functional coordination and alignment activities performed by the Enterprise Risk Management team include training and communication of employees to promote consistent understanding of risk management as it relates to regulatory directives and internal and external coordination with subject matter experts and stakeholders to align substantively and procedurally across organizations. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																				
O&M	**SAFETY MANAGEMENT SYSTEMS**	**SubTotal RISK MANAGEMENT**				**Yes**																					
O&M	SAFETY MANAGEMENT SYSTEMS	COMPLIANCE ASSURANCE	Safety Management System	Expand Compliance Assurance Program	N/A	No	FTE	5	5	5	5	5	5	5	5	5	5	0	0	0	0	—	0%	0%	0%	0%	0%
O&M	**SAFETY MANAGEMENT SYSTEMS**	**SubTotal CONTINUOUS IMPROVEMENT**				**Yes**																					
O&M	SAFETY MANAGEMENT SYSTEMS	PIPELINE SAFETY & COMPLIANCE	Safety Management System	Pipeline Safety & Compliance Oversight	N/A	No	FTE	7	7	7	7	7	4	4	4	4	4	3	3	3	3	3	75%	75%	75%	75%	75%
O&M	SAFETY MANAGEMENT SYSTEMS	PIPELINE SAFETY & COMPLIANCE	Safety Management System	Pipeline Safety Self-Assessment	N/A	No	FTE	—	—	—	—	—	4	4	4	4	4	(4)	(4)	(4)	(4)	(4)	(100)%	(100)%	(100)%	(100)%	(100)%
O&M	**SAFETY MANAGEMENT SYSTEMS**	**SubTotal PIPELINE SAFETY & COMPLIANCE**				**Yes**																					
O&M	SAFETY MANAGEMENT SYSTEMS	EMERGENCY SERVICES	Non-RAMP	Non-RAMP	Non-RAMP	No	This activity area consists of centralized programmatic management of emergency management efforts. This cross-functional coordination and alignment across emergency management activities includes change management activities; major engagement efforts to promote consistent emergency response direction; internal and external reporting. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																		
O&M	SAFETY MANAGEMENT SYSTEMS	EMERGENCY SERVICES	Emergency Preparedness and Response and Pandemic	After Action Review Program	N/A	No	This activity area consists of programmatic efforts across various organizations and projects in support of the After Action Review process. This cross-functional coordination and alignment includes major engagement efforts to evaluate emergency response and related continuous improvement efforts; internal and external coordination and alignment meetings. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																		
O&M	SAFETY MANAGEMENT SYSTEMS	EMERGENCY SERVICES	Emergency Preparedness and Response and Pandemic	Crisis Communication Technologies	N/A	No	This activity area consists of centralized programmatic management of major emergency services efforts. This cross-functional coordination and alignment across emergency management activities includes activities related to mobile command trailers and technology (such as satellite phones) to support operational needs during emerging events. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																		
O&M	SAFETY MANAGEMENT SYSTEMS	EMERGENCY SERVICES	Emergency Preparedness and Response and Pandemic	Expert Advisory Support	N/A	No	Vendor - advisory services	3	3	3	3	3	4	4	4	4	4	(1)	(1)	(1)	(1)	(1)	(25)%	(25)%	(25)%	(25)%	(25)%
O&M	SAFETY MANAGEMENT SYSTEMS	EMERGENCY SERVICES	Emergency Preparedness and Response and Pandemic	Incident Command Structure	N/A	No	FTE	4	4	4	4	4	4	4	4	4	4	0	0	0	0	—	0%	0%	0%	0%	0%
O&M	SAFETY MANAGEMENT SYSTEMS	EMERGENCY SERVICES	Emergency Preparedness and Response and Pandemic	Mutual Assistance	N/A	No	Membership fee	1	1	1	1	1	1	1	1	1	1	0	0	0	0	—	0%	0%	0%	0%	0%
O&M	SAFETY MANAGEMENT SYSTEMS	EMERGENCY SERVICES	Emergency Preparedness and Response and Pandemic	Policies & Procedures	N/A	No	This activity area consists of centralized programmatic management of major emergency services efforts to track and improve policies and procedures. This cross-functional coordination and alignment across emergency management activities includes activities related to policy/procedure drafting and technology to support operational needs during emergency events. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																		
O&M	SAFETY MANAGEMENT SYSTEMS	EMERGENCY SERVICES	Emergency Preparedness and Response and Pandemic	Response- Watch/Desk	N/A	No	FTE	5	5	5	5	5	5	5	5	5	5	0	0	0	0	—	0%	0%	0%	0%	0%
O&M	SAFETY MANAGEMENT SYSTEMS	EMERGENCY SERVICES	Emergency Preparedness and Response and Pandemic	Stakeholder Outreach	N/A	No	FTE	1	1	1	1	1	1	1	1	1	1	0	0	0	0	—	0%	0%	0%	0%	0%
O&M	SAFETY MANAGEMENT SYSTEMS	EMERGENCY SERVICES	Emergency Preparedness and Response and Pandemic	Training Exercises and Drills	N/A	No	FTE	2	2	2	2	2	2	2	2	2	2	0	0	0	0	—	0%	0%	0%	0%	0%
O&M	**SAFETY MANAGEMENT SYSTEMS**	**SubTotal EMERGENCY SERVICES**				**Yes**																					
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY MANAGEMENT SYSTEMS	Incident Involving an Employee	Expanded Safety Culture Assessments	Overall	No	Surveys	—				—	1				1	(1)	0	0	0	(1)	(100)%	0%	0%	0%	(100)%
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY MANAGEMENT SYSTEMS	Safety Management System	SMS Framework	N/A	No	This activity area consists of centralized programmatic leadership and management of major safety efforts. This includes program, change, and liaison activities across safety activities, which require cross-functional coordination and alignment. This includes change management activities; major engagement efforts to promote consistent understanding of safety direction; internal and external reporting; and coordination and alignment meetings and efforts (e.g., SoCalGas's Advisory Safety Council). The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																		
O&M	**SAFETY MANAGEMENT SYSTEMS**	**Sub Total SAFETY MANAGEMENT SYSTEMS**				**Yes**																					
O&M	SAFETY MANAGEMENT SYSTEMS	TECHNOLOGY & ANALYTICS	Non-RAMP	Non-RAMP	Non-RAMP	No	This activity area consists of programmatic Technology & Analytics efforts across various organizations and projects. This cross-functional coordination and alignment related to Technology & Analytics includes major engagement efforts to advance technology support across safety organization; internal and external coordination; and alignment meetings and efforts. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																				
O&M	SAFETY MANAGEMENT SYSTEMS	TECHNOLOGY & ANALYTICS	Emergency Preparedness and Response and Pandemic	Emergency Management Technology	N/A	No	Technologies maintained	1				1	1				1	0	0	0	0	—	0%	0%	0%	0%	0%
O&M	SAFETY MANAGEMENT SYSTEMS	TECHNOLOGY & ANALYTICS	Incident Involving an Employee	Safe Driving Programs	Vehicle	No	Safe driving programs maintained	1				1	1				1	0	0	0	0	—	0%	0%	0%	0%	0%
O&M	SAFETY MANAGEMENT SYSTEMS	TECHNOLOGY & ANALYTICS	Safety Management System	Continuous Improvement and Quality Assurance	N/A	No	This activity area consists of programmatic Technology & Analytics efforts across various Continuous Improvement & Quality Management programs. This cross-functional coordination and alignment is related to supporting data collection and data sharing capabilities. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																				
O&M	SAFETY MANAGEMENT SYSTEMS	TECHNOLOGY & ANALYTICS	Safety Management System	Pipeline Safety & Compliance Oversight	N/A	No	FTE	—	1			—	1				1	0	0	0	0	—	0%	0%	0%	0%	0%

SoCalGas SAFETY, RISK & ASSET MANAGEMENT SYSTEMS O&M

Type	Witness Area (Line of Business)	WP Activity Description (Operating Company)	RAMP Risk Cluster	RAMP Mitigation Activity	RAMP Tranche	Rollup	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
O&M	SAFETY MANAGEMENT SYSTEMS	TECHNOLOGY & ANALYTICS	Safety Management System	Technology & Analytics	N/A	No	FTE	5				5	5				5	0	0	0	0	0	---	0%	0%	0 %	0%	0 %
O&M	**SAFETY MANAGEMENT SYSTEMS**	**SubTotal PIPELINE SAFETY OVERSIGHT**				**Yes**																					
O&M	SAFETY MANAGEMENT SYSTEMS	STRATEGY	Non-RAMP	Non-RAMP	Non-RAMP	No	This activity area consists of programmatic safety strategy efforts across various organizations and projects. This cross-functional coordination and alignment related to safety strategy and engagement includes major efforts across safety organization and company; internal and external coordination; and alignment meetings and efforts. The variety of work activities in this category makes it infeasible to identify a single unit of measurement																		
O&M	SAFETY MANAGEMENT SYSTEMS	STRATEGY	Safety Management System	SMS Framework	N/A	No	FTE	6				6	7				7	(1)	0	0	0	(1)	(14)%	0%	0 %	0%	(14)%
O&M	**SAFETY MANAGEMENT SYSTEMS**	**SubTotal STRATEGY**				**Yes**																					
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY MANAGEMENT	Incident Involving a Contractor	Contractor Engagement	Overall	No	Events	4				4	4				4	0	0	0	0	---	0%	0%	0 %	0%	0 %
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY MANAGEMENT	Incident Involving a Contractor	Contractor Safety Oversight	Overall	No	FTE	1				1	1				1	0	0	0	0	---	0%	0%	0 %	0%	0 %
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY MANAGEMENT	Incident Involving a Contractor	Third Party Administration Tools	Non-Vehicle	No	Verifi ree and BN licenses	1				1	1				1	0	0	0	0	---	0%	0%	0 %	0%	0 %
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY MANAGEMENT	Incident Involving an Employee	Creation of a Safety Video Library	Overall	No	Videos/libraries	1				1	1				1	0	0	0	0	---	0%	0%	0 %	0%	0 %
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY MANAGEMENT	Incident Involving an Employee	Employee Health and Safety Programs and Standardized Policies	Overall	No	Policies & standards	29				29	29				29	0	0	0	0	---	0%	0%	0 %	0%	0 %
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY MANAGEMENT	Incident Involving an Employee	Employee Safety Training and awareness program	Overall	No	Training programs	80				80	160				160	(80)	0	0	0	(80)	(50)%	0%	0 %	0%	(50)%
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY MANAGEMENT	Incident Involving an Employee	Employee Wellness Programs	Overall	No	Occupational health nurses	5				5	2				2	3	0	0	0	3	150%	0%	0 %	0%	150 %
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY MANAGEMENT	Incident Involving an Employee	Industrial Hygiene Program Expansion	Non-Vehicle	No	FTE	2				2	1				1	1	0	0	0	1	100%	0%	0 %	0%	100 %
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY MANAGEMENT	Incident Involving an Employee	Industrial Hygiene Program Refresh	Non-Vehicle	No	FTE	---				---	4				4	(4)	0	0	0	(4)	(100)%	0%	0 %	0%	(100)%
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY MANAGEMENT	Incident Involving an Employee	Near Miss, Stop the Job and Jobsite Safety Program	Overall	No	Programs	3				3	3				3	0	0	0	0	---	0%	0%	0 %	0%	0 %
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY MANAGEMENT	Incident Involving an Employee	Personal Protective Equipment (PPE)	Non-vehicle Incident	No	Personal Protection Equipment (PPE) materials include clothing and equipment designed to protect employees while performing their job (e.g., flame resistant clothing gloves, protective eyewear). The variety of materials in this category makes it infeasible to identify a single unit of measurement.																		
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY MANAGEMENT	Incident Involving an Employee	Proactive monitoring for indoor air quality and chemicals of concern	Non-Vehicle	No	Assessments	50				50	50				50	0	0	0	0	---	0%	0%	0 %	0%	0 %
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY MANAGEMENT	Incident Involving an Employee	Skill Driving Programs	Vehicle	No	Programs	1				1	1				1	0	0	0	0	---	0%	0%	0 %	0%	0 %
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY MANAGEMENT	Incident Involving an Employee	Safety Culture Programs	Overall	No	Safety events	2				2	2				2	0	0	0	0	---	0%	0%	0 %	0%	0 %
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY MANAGEMENT	Incident Involving an Employee	Utilizing Industry Best Practices and Benchmarking	Overall	No	Benchmarking activities include time spent meeting with external parties to gather information on best practices for a variety of safety related programs. Given this work is cross-functional and not quantifiable, it is infeasible to identify a single unit of measurement.																		
O&M	**SAFETY MANAGEMENT SYSTEMS**	**SubTotal SAFETY MANAGEMENT**				**Yes**																					

SoCalGas SAFETY, RISK & ASSET MANAGEMENT SYSTEMS O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Safety, Reliability, or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status	Status Variance Explanation Required?
O&M	SAFETY, RISK & ASSET MANAGEMENT SYSTEMS	SAFETY, RISK & ASSET MANAGEMENT SYSTEMS				Yes										
O&M	SAFETY MANAGEMENT SYSTEMS	RISK MANAGEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	YES	NO	The variance in this activity is attributed to a reduction in non-labor expenses. This is primarily due to the reduced utilization of third-party resources in support of Risk Management activities. SoCalGas had included forecasted costs associated with anticipated expenditures to develop and implement an Activity Cost Mapping and Reporting tool for purposes of enabling automation of components of CPUC accountability reporting. The project plan was modified to reduce the utilization of third-party resources to support change management efforts, by training employees to performances of the change management activities in-house. Additionally, the forecast included additional resources to support preparation of the 2025 Risk Assessment Mitigation Phase filing, and the activities performed by these third-party resources were deferred until late 2024 and into 2025.	N/A	On Target (T)	On Target (T)	Under (U)	Proceeding as Planned	NO
O&M	**SAFETY MANAGEMENT SYSTEMS**	**SubTotal RISK MANAGEMENT**				**Yes**	**YES**	**YES**								**NO**
O&M	SAFETY MANAGEMENT SYSTEMS	COMPLIANCE ASSURANCE	Safety Management System	Expand Compliance Assurance Program	N/A	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**SAFETY MANAGEMENT SYSTEMS**	**SubTotal CONTINUOUS IMPROVEMENT**				**Yes**	**YES**	**NO**								**NO**
O&M	SAFETY MANAGEMENT SYSTEMS	PIPELINE SAFETY & COMPLIANCE	Safety Management System	Pipeline Safety & Compliance Oversight	N/A	No	YES	NO	YES	N/A	SoCalGas now believes that Pipeline Safety Self-Assessment should have been only a small portion of what is shown as Inputed Authorized for that activity in the TY 2024 GRC submission. The remainder of the activity should have been coupled with the broader Pipeline Safety & Compliance Oversight activity. The FTEs for Pipeline Safety & Compliance Oversight are shown as over authorized, due to authorized FTEs being spread evenly across the two activities in this workpaper.	Over (O)	On Target (T)	Over (O)	Expanded	NO
O&M	SAFETY MANAGEMENT SYSTEMS	PIPELINE SAFETY & COMPLIANCE	Safety Management System	Pipeline Safety Self-Assessment	N/A	No	YES	NO	YES	N/A	Pipeline Safety Self-Assessment should have been only a small portion of what is shown as Inputed Authorized for that activity in the TY 2024 GRC submission. The remainder of the activity should have been coupled with the broader Pipeline Safety & Compliance Oversight activity above. The FTEs for Pipeline Safety Self-Assessment are shown as under authorized, due to authorized FTEs being spread evenly across the two activities in this workpaper.	Under (U)	On Target (T)	Under (U)	Other	NO
O&M	**SAFETY MANAGEMENT SYSTEMS**	**SubTotal PIPELINE SAFETY & COMPLIANCE**				**Yes**	**YES**	**NO**								**NO**
O&M	SAFETY MANAGEMENT SYSTEMS	EMERGENCY SERVICES	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	Under (U)	Under (U)	Under (U)	Proceeding as Planned	NO
O&M	SAFETY MANAGEMENT SYSTEMS	EMERGENCY SERVICES	Emergency Preparedness and Response and Pandemic	After Action Review Program	N/A	No	YES	NO	NO	N/A	N/A	Under (U)	Under (U)	Under (U)	Proceeding as Planned	NO
O&M	SAFETY MANAGEMENT SYSTEMS	EMERGENCY SERVICES	Emergency Preparedness and Response and Pandemic	Crisis Communication Technologies	N/A	No	YES	NO	NO	N/A	N/A	Under (U)	Under (U)	Under (U)	Proceeding as Planned	NO
O&M	SAFETY MANAGEMENT SYSTEMS	EMERGENCY SERVICES	Emergency Preparedness and Response and Pandemic	Expert Advisory Support	N/A	No	YES	NO	YES	N/A	Compared to the base year forecast, there was less need for professional services. This resulted in less units associated with this activity compared to authorized.	Under (U)	Under (U)	Under (U)	Proceeding as Planned	NO
O&M	SAFETY MANAGEMENT SYSTEMS	EMERGENCY SERVICES	Emergency Preparedness and Response and Pandemic	Incident Command Structure	N/A	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	SAFETY MANAGEMENT SYSTEMS	EMERGENCY SERVICES	Emergency Preparedness and Response and Pandemic	Mutual Assistance	N/A	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	SAFETY MANAGEMENT SYSTEMS	EMERGENCY SERVICES	Emergency Preparedness and Response and Pandemic	Policies & Procedures	N/A	No	YES	NO	NO	N/A	N/A	Over (O)	Over (O)	Over (O)	Proceeding as Planned	NO
O&M	SAFETY MANAGEMENT SYSTEMS	EMERGENCY SERVICES	Emergency Preparedness and Response and Pandemic	Response Watch Desk	N/A	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	SAFETY MANAGEMENT SYSTEMS	EMERGENCY SERVICES	Emergency Preparedness and Response and Pandemic	Stakeholder Outreach	N/A	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	SAFETY MANAGEMENT SYSTEMS	EMERGENCY SERVICES	Emergency Preparedness and Response and Pandemic	Training Exercises and Drills	N/A	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**SAFETY MANAGEMENT SYSTEMS**	**SubTotal EMERGENCY SERVICES**				**Yes**	**YES**	**NO**								**NO**
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY MANAGEMENT SYSTEMS	Incident Involving an Employee	Expanded Safety Culture Assessments	Overall	No	YES	NO	YES	N/A	SoCalGas included costs related to implementing and assessing culture as part of the then-in-process Commission Order Instituting Rulemaking (OIR) R.21-03-001. Subsequent to the GRC filing the Commission issued a Decision in the OIR which determined that SoCalGas would not be subject to the expanded and more comprehensive safety culture assessment until 2029. Although SoCalGas's assessment is not required until 2029, SoCalGas anticipates being active and engaged in learning from other utility culture assessments.	Under (U)	Under (U)	Under (U)	Deferred	NO
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY MANAGEMENT SYSTEMS	Safety Management System	SMS Framework	N/A	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**SAFETY MANAGEMENT SYSTEMS**	**Sub Total SAFETY MANAGEMENT SYSTEMS**				**Yes**	**YES**	**NO**								**NO**
O&M	SAFETY MANAGEMENT SYSTEMS	TECHNOLOGY & ANALYTICS	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	Under (U)	Under (U)	Under (U)	Other	YES
O&M	SAFETY MANAGEMENT SYSTEMS	TECHNOLOGY & ANALYTICS	Emergency Preparedness and Response and Pandemic	Emergency Management Technology	N/A	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	Under (U)	Other	YES
O&M	SAFETY MANAGEMENT SYSTEMS	TECHNOLOGY & ANALYTICS	Incident Involving an Employee	Safe Driving Programs	Vehicle	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	SAFETY MANAGEMENT SYSTEMS	TECHNOLOGY & ANALYTICS	Safety Management System	Continuous Improvement and Quality Assurance	N/A	No	YES	NO	NO	N/A	N/A	On Target (T)	Under (U)	Under (U)	Other	YES
O&M	SAFETY MANAGEMENT SYSTEMS	TECHNOLOGY & ANALYTICS	Safety Management System	Pipeline Safety & Compliance Oversight	N/A	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO

SoCalGas SAFETY, RISK & ASSET MANAGEMENT SYSTEMS O&M

Type	Witness Area (Line of Business)	WP Activity Description (Ownership Category)	RAMP Risk Cluster	RAMP Mitigation Activity	RAMP Tranche	Rollup	Safety Reliability or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status	Status Variance Explanation Required?
O&M	SAFETY MANAGEMENT SYSTEMS	TECHNOLOGY & ANALYTICS	Safety Management System	Technology & Analytics	N/A	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	Under (U)	Proceeding as Planned	NO
O&M	**SAFETY MANAGEMENT SYSTEMS**	**SubTotal PIPELINE SAFETY OVERSIGHT**				**Yes**	**YES**	**NO**								**NO**
O&M	SAFETY MANAGEMENTSYSTEMS	STRATEGY	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	Under (U)	Under (U)	Under (U)	Other	YES
O&M	SAFETY MANAGEMENTSYSTEMS	STRATEGY	Safety Management System	SMS Framework	N/A	No	YES	NO	NO	N/A	N/A	Under (U)	Under (U)	Under (U)	Proceeding as Planned	NO
O&M	**SAFETY MANAGEMENT SYSTEMS**	**SubTotal STRATEGY**				**Yes**	**YES**	**NO**								**NO**
O&M	SAFETY MANAGEMENTSYSTEMS	SAFETY MANAGEMENT	Incident Involving a Contractor	Contractor Engagement	Overall	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	YES
O&M	SAFETY MANAGEMENTSYSTEMS	SAFETY MANAGEMENT	Incident Involving a Contractor	Contractor Safety Oversight	Overall	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	SAFETY MANAGEMENTSYSTEMS	SAFETY MANAGEMENT	Incident Involving a Contractor	Third Party Administration Tools	Non-Vehicle	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	SAFETY MANAGEMENTSYSTEMS	SAFETY MANAGEMENT	Incident Involving an Employee	Creation of a Safety Value Library	Overall	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	SAFETY MANAGEMENTSYSTEMS	SAFETY MANAGEMENT	Incident Involving an Employee	Employee Health and Safety Programs and Standardized Policies	Overall	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	SAFETY MANAGEMENTSYSTEMS	SAFETY MANAGEMENT	Incident Involving an Employee	Employee Safety Training and awareness program	Overall	No	YES	NO	YES	N/A	SoCalGas planned to initiate refresher training for Employee Safety training and awareness, but due to the delayed ORC decision, SoCalGas was unable to proceed as forecasted with this activity in 2024.	Under (U)	Under (U)	Under (U)	Proceeding as Planned	NO
O&M	SAFETY MANAGEMENTSYSTEMS	SAFETY MANAGEMENT	Incident Involving an Employee	Employee Wellness Programs	Overall	No	YES	NO	YES	N/A	SoCalGas expanded its Occupational Health Nurse (OHN) program due to a recognized need to support employees at local districts. This promoted services, such as health & wellness and support of respirator protection and hearing conservation program.	Over (O)	Over (O)	Over (O)	Expanded	NO
O&M	SAFETY MANAGEMENTSYSTEMS	SAFETY MANAGEMENT	Incident Involving an Employee	Industrial Hygiene Program Expansion	Non-Vehicle	No	YES	NO	YES	N/A	SoCalGas expanded its Industrial Hygiene and Safety program in compliance with new Cal-OSHA Title 8 requirements.	Over (O)	Over (O)	Over (O)	Expanded	NO
O&M	SAFETY MANAGEMENTSYSTEMS	SAFETY MANAGEMENT	Incident Involving an Employee	Industrial Hygiene Program Refresh	Non-Vehicle	No	YES	NO	YES	N/A	SoCalGas now believes that Industrial Hygiene Program Refresh should have been coupled with the broader Industrial Hygiene Program Expansion activity in the TY 2024 GRC request. While SoCalGas expanded its program, due to the delayed GRC decision, SoCalGas did not engage in a program refresh as planned.	Under (U)	Under (U)	Under (U)	Proceeding as Planned	NO
O&M	SAFETY MANAGEMENTSYSTEMS	SAFETY MANAGEMENT	Incident Involving an Employee	Near Miss, Stop the Job and Jobsite Safety Program	Overall	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	SAFETY MANAGEMENTSYSTEMS	SAFETY MANAGEMENT	Incident Involving an Employee	Personal Protective Equipment (PPE)	Non-vehicle Incident	No	YES	NO	NO	N/A	N/A	Under (U)	Under (U)	Under (U)	Other	YES
O&M	SAFETY MANAGEMENTSYSTEMS	SAFETY MANAGEMENT	Incident Involving an Employee	Proactive monitoring for indoor air quality and chemicals of concern	Non-Vehicle	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	Under (U)	Proceeding as Planned	NO
O&M	SAFETY MANAGEMENTSYSTEMS	SAFETY MANAGEMENT	Incident Involving an Employee	Safe Driving Programs	Vehicle	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	Under (U)	Proceeding as Planned	NO
O&M	SAFETY MANAGEMENTSYSTEMS	SAFETY MANAGEMENT	Incident Involving an Employee	Safety Culture Program	Overall	No	YES	NO	NO			On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	SAFETY MANAGEMENTSYSTEMS	SAFETY MANAGEMENT	Incident Involving an Employee	Utilizing Industry Best Practices and Benchmarking	Overall	No	YES	NO	NO	N/A	N/A	Under (U)	Under (U)	Under (U)	Other	YES
O&M	**SAFETY MANAGEMENT SYSTEMS**	**SubTotal SAFETY MANAGEMENT**				**Yes**	**YES**	**YES**								**NO**

SoCalGas SAFETY, RISK & ASSET MANAGEMENT SYSTEMS O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Status Variance Explanation	WP Activity Description	2024 GRC Testimony Location
O&M	SAFETY, RISK & ASSET MANAGEMENT SYSTEMS	**SAFETY, RISK & ASSET MANAGEMENT SYSTEMS**				Yes			
O&M	SAFETY MANAGEMENT SYSTEMS	RISK MANAGEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A	The Risk Management department is organized into three functional activities: (1) Risk Management (RM); (2) Regulatory Compliance (RC); and (3) Risk & Accountability Department (R&D). Since 2019, the RM department is no longer a shared service between SoCalGas and SDG&E. The division is led by the Vice President of Risk Management and Chief Risk Officer, whose role is to oversee the continued development, implementation, and application of risk management best practices. This includes promoting the integration of risk concepts and analysis in asset management and investment processes to support the strengthening of SoCalGas's safety culture. This role is also responsible for developing and setting risk management policy to assist SoCalGas in managing it's risks through a structured, increasingly data-driven approach that identifies threats and hazards, assesses and prioritizes risks, implements mitigation efforts, and engages in assessments and reviews to understand risk mitigation effectiveness.	SCG-27-2R-E NNM-31 to NNM-36 WP 2000000.000
O&M	**SAFETY MANAGEMENT SYSTEMS**	**SubTotal RISK MANAGEMENT**				**Yes**			
O&M	SAFETY MANAGEMENT SYSTEMS	COMPLIANCE ASSURANCE	Safety Management System	Expand Compliance Assurance Program	N/A	No	N/A	The Compliance Assurance team supports the data accuracy of maintenance and inspection records for SoCalGas Gas Distribution, who has no contribution to records management. Specifically, this group creates data validation tools to identify missing or incorrect information.	SCG-27-2R-E NNM-77 to NNM-80 WP 2200.2409
O&M	**SAFETY MANAGEMENT SYSTEMS**	**SubTotal CONTINUOUS IMPROVEMENT**				**Yes**			
O&M	SAFETY MANAGEMENT SYSTEMS	PIPELINE SAFETY & COMPLIANCE	Safety Management System	Pipeline Safety & Compliance Oversight	N/A	No	N/A	Pipeline Safety and Compliance (PS&C) is responsible for supporting the company to meet and exceed compliance in regulatory and safety regulations. PS&C oversees a robust compliance system that demonstrates SoCalGas' commitment to pipeline safety and shapes incentral enhancements for our employees, processes, and technologies. PS&C consists of multiple interconnected departments and sort sections including Pipeline Safety & Compliance Director; Pipeline Safety and Compliance Group; Major Projects Regulatory Compliance and Controls; Operator Qualifications.	SCG-27-2R-E NNM-68 to NNM-72 WP 2200.2473
O&M	SAFETY MANAGEMENT SYSTEMS	PIPELINE SAFETY & COMPLIANCE	Safety Management System	Pipeline Safety Self-Assessment	N/A	No	As explained in the Unit Variance Explanation, the Pipeline Safety Self-Assessment activity should only have represented a small portion of the work included in the Pipeline Safety & Compliance workpaper.	Pipeline Safety and Compliance (PS&C) is responsible for supporting the company to meet and exceed compliance in regulatory and safety regulations. PS&C oversees a robust compliance system that demonstrates SoCalGas' commitment to pipeline safety and shapes incentral enhancements for our employees, processes, and technologies. PS&C consists of multiple interconnected departments and sort sections including Pipeline Safety & Compliance Director; Pipeline Safety and Compliance Group; Major Projects Regulatory Compliance and Controls; Operator Qualifications.	SCG-27-2R-E NNM-68 to NNM-72 WP 2200.2473
O&M	**SAFETY MANAGEMENT SYSTEMS**	**SubTotal PIPELINE SAFETY & COMPLIANCE**				**Yes**			
O&M	SAFETY MANAGEMENT SYSTEMS	EMERGENCY SERVICES	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
O&M	SAFETY MANAGEMENT SYSTEMS	EMERGENCY SERVICES	Emergency Preparedness and Response and Pandemic	After Action Review Program	N/A	No	N/A		
O&M	SAFETY MANAGEMENT SYSTEMS	EMERGENCY SERVICES	Emergency Preparedness and Response and Pandemic	Crisis Communication Technologies	N/A	No	N/A		
O&M	SAFETY MANAGEMENT SYSTEMS	EMERGENCY SERVICES	Emergency Preparedness and Response and Pandemic	Expert Advisory Support	N/A	No	N/A	The activities completed within this workgroup is dedicated to support the business operations with first responder outreach and emergency response, preparedness and recovery. The activities focus in the area of Emergency Response Training, Emergency Response Exercises and Drills, Stakeholder Outreach, Incident Command System, Mutual Assistance, Crisis Communications Technologies, Watch Desk, and Expert Advisory Services.	SCG-27-2R-E NNM-54 to NNM-62 WP 2500001
O&M	SAFETY MANAGEMENT SYSTEMS	EMERGENCY SERVICES	Emergency Preparedness and Response and Pandemic	Incident Command Structure	N/A	No	N/A		
O&M	SAFETY MANAGEMENT SYSTEMS	EMERGENCY SERVICES	Emergency Preparedness and Response and Pandemic	Mutual Assistance	N/A	No	N/A		
O&M	SAFETY MANAGEMENT SYSTEMS	EMERGENCY SERVICES	Emergency Preparedness and Response and Pandemic	Policies & Procedures	N/A	No	N/A		
O&M	SAFETY MANAGEMENT SYSTEMS	EMERGENCY SERVICES	Emergency Preparedness and Response and Pandemic	Response: Watch Desk	N/A	No	N/A		
O&M	SAFETY MANAGEMENT SYSTEMS	EMERGENCY SERVICES	Emergency Preparedness and Response and Pandemic	Stakeholder Outreach	N/A	No	N/A		
O&M	SAFETY MANAGEMENT SYSTEMS	EMERGENCY SERVICES	Emergency Preparedness and Response and Pandemic	Training Exercises and Drills	N/A	No	N/A		
O&M	**SAFETY MANAGEMENT SYSTEMS**	**SubTotal EMERGENCY SERVICES**				**Yes**			
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY MANAGEMENT SYSTEMS	Incident Involving an Employee	Expanded Safety Culture Assessments	Overall	No	N/A	The activities completed within this workgroup is to provide a greater focus and concentration in the area of Safety. SMS introduced the role of Chief Safety Officer to provide executive level, safety leadership and strategic direction within SoCalGas. This officer is ultimately responsible and accountable for safety performance of SoCalGas. This includes establishing safety policy, developing, and implementing safety programs and procedures, integrating newreinforced methods into SoCalGas' safety culture, and guiding short-term and long-term safety performance management. Reporting to the CSO is the Senior Director who provides leadership and guidance to the entire Safety Management organization, which includes Safety Management, Pipeline Safety & Compliance, Technology & Analytics, Continuous Improvement, Strategy, and Emergency Management. These departments oversee all safety programs, policies, technologies, and initiatives, impacting all SoCalGas employees whether working in a remote, at-home environment or working in an operations capacity in the field.	SCG-27-2R-E NNM-21 to NNM-24 WP 2500000
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY MANAGEMENT SYSTEMS	Safety Management System	SMS Framework	N/A	No	N/A		
O&M	**SAFETY MANAGEMENT SYSTEMS**	**Sub Total SAFETY MANAGEMENT SYSTEMS**				**Yes**			
O&M	SAFETY MANAGEMENT SYSTEMS	TECHNOLOGY & ANALYTICS	Non-RAMP	Non-RAMP	Non-RAMP	No	This component of Technology & Analytics had not been compiled with the broader RAMP Technology & Analytics activity below. SoCalGas does not anticipate having a "non-RAMP" component of its Technology & Analytics activity in this General Rate Case cycle.	The Safety Management System Technology and Analytics Group (SMS TAG) consist of two groups under one asset center, the SMS Technology Advancement and the Metrics and Analytics groups. These groups are responsible for supporting the SMS organization by using data and technology to identify key performance indicators and associated risk factors from various data sources to maintain, promote and enhance the efficiency and effectiveness of SMS programs and initiatives. Additionally, these groups focus on establishing and maintaining data integrity and record-keeping programs and systems for the SMS organization.	SCG-27-2R-E NNM-62 to NNM-68 WP 2500005
O&M	SAFETY MANAGEMENT SYSTEMS	TECHNOLOGY & ANALYTICS	Emergency Preparedness and Response and Pandemic	Emergency Management Technology	N/A	No	This component of Technology & Analytics had not been compiled with the broader RAMP Technology & Analytics activity below. Although the activity occurred (maintenance on EM technology), costs related to Emergency Management Technology are a subset of the actual costs in the Technology & Analytics activity in this General Rate Case cycle.	The Safety Management System Technology and Analytics Group (SMS TAG) consist of two groups under one asset center, the SMS Technology Advancement and the Metrics and Analytics groups. These groups are responsible for supporting the SMS organization by using data and technology to identify key performance indicators and associated risk factors from various data sources to maintain, promote and enhance the efficiency and effectiveness of SMS programs and initiatives. Additionally, these groups focus on establishing and maintaining data integrity and record-keeping programs and systems for the SMS organization.	SCG-27-2R-E NNM-62 to NNM-68 WP 2500005
O&M	SAFETY MANAGEMENT SYSTEMS	TECHNOLOGY & ANALYTICS	Incident Involving an Employee	Safe Driving Programs	Vehicle	No	N/A		
O&M	SAFETY MANAGEMENT SYSTEMS	TECHNOLOGY & ANALYTICS	Safety Management System	Continuous Improvement and Quality Assurances	N/A	No	This component of Technology & Analytics had not been compiled with the broader RAMP Technology & Analytics activity below. Although the activity occured, costs related to Continuous Improvement and Quality Assurances are a subset of the actual costs in the Technology & Analytics activity in this General Rate Case cycle.	The Safety Management System Technology and Analytics Group (SMS TAG) consist of two groups under one asset center, the SMS Technology Advancement and the Metrics and Analytics groups. These groups are responsible for supporting the SMS organization by using data and technology to identify key performance indicators and associated risk factors from various data sources to maintain, promote and enhance the efficiency and effectiveness of SMS programs and initiatives. Additionally, these groups focus on establishing and maintaining data integrity and record-keeping programs and systems for the SMS organization.	SCG-27-2R-E NNM-62 to NNM-68 WP 2500005
O&M	SAFETY MANAGEMENT SYSTEMS	TECHNOLOGY & ANALYTICS	Safety Management System	Pipeline Safety & Compliance Oversight	N/A	No	N/A		

SoCalGas SAFETY, RISK & ASSET MANAGEMENT SYSTEMS O&M

Type	Witness Area (Line of Business)	WP Activity Description (Operation Category)	RAMP Risk Cluster	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Status Variance Explanation	WP Activity Description	2024 GRC Testimony Location
O&M	SAFETY MANAGEMENT SYSTEMS	TECHNOLOGY & ANALYTICS	Safety Management Systems	Technology & Analytics	N/A	No	N/A		
O&M	**SAFETY MANAGEMENT SYSTEMS**	**SubTotal PIPELINE SAFETY OVERSIGHT**				**Yes**			
O&M	SAFETY MANAGEMENT SYSTEMS	STRATEGY	Non-RAMP	Non-RAMP	Non-RAMP	No	This component of the Safety Management System (SMS) framework should have been coupled with the broader RAMP SMS Framework below. SoCalGas does not anticipate having a "non-RAMP" component of its SMS Framework in this General Rate Case cycle.	The activities completed within the workgroup to continuously enhance the safety of operations, strengthen the safety culture and improve overall safety performance of SoCalGas. The activities focus on 5 areas that center on the development, implementation, continuous improvement and evaluation of maturity for SoCalGas's Safety Management System (SMS). This is accomplished by establishing appropriate foundational policies, publishing enterprise safety plans, facilitating employee and stakeholder engagement of our SMS, instituting a common management of change process, leading internal and external assessments of SMS maturity, benchmarking and sharing best safety practices with our peers and industry associations, establishing a recognition program that promotes the SMS and engaging with contractors regarding SMS.	SCG-27-2R-E NSM-25 to NSM-31 WP 2R00003.000
O&M	SAFETY MANAGEMENT SYSTEMS	STRATEGY	Safety Management Systems	SMS Framework	N/A	No	N/A		
O&M	**SAFETY MANAGEMENT SYSTEMS**	**SubTotal STRATEGY**				**Yes**			
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY MANAGEMENT	Incident Involving a Contractor	Contractor Engagement	Overall	No	Due to the late GRC decision, the costs for this program were incurred in the Safety Management Systems – SMS Framework workpaper. It is expected to proceed as planned over the remainder of the GRC cycle.	Safety Management (SM) is responsible for SoCalGas employees to perform their duties and responsibilities in a safe and productive manner. The services provided by SM include but are not limited to safety and industrial hygiene situation and compliance, incident preventing training, incident analysis, and incident reporting.	SCG-27-2R-E NSM-42 to NSM-54 WP 2R00003.000
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY MANAGEMENT	Incident Involving a Contractor	Contractor Safety Oversight	Overall	No	N/A		
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY MANAGEMENT	Incident Involving a Contractor	Third Party Administration Tools	Non-Vehicle	No	N/A		
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY MANAGEMENT	Incident Involving an Employee	Creation of a Safety Video Library	Overall	No	N/A		
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY MANAGEMENT	Incident Involving an Employee	Employee Health and Safety Programs and Standardized Policies	Overall	No	N/A		
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY MANAGEMENT	Incident Involving an Employee	Employee Safety Training and awareness program	Overall	No	N/A	Safety Management (SM) is responsible for SoCalGas employees to perform their duties and responsibilities in a safe and productive manner. The services provided by SM include but are not limited to safety and industrial hygiene situation and compliance, incident preventing training, incident analysis, and incident reporting.	SCG-27-2R-E NSM-42 to NSM-54 WP 2R00003.000
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY MANAGEMENT	Incident Involving an Employee	Employee Wellness Programs	Overall	No	N/A	Safety Management (SM) is responsible for SoCalGas employees to perform their duties and responsibilities in a safe and productive manner. The services provided by SM include but are not limited to safety and industrial hygiene situation and compliance, incident preventing training, incident analysis, and incident reporting.	SCG-27-2R-E NSM-42 to NSM-54 WP 2R00003.000
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY MANAGEMENT	Incident Involving an Employee	Industrial Hygiene Program Expansion	Non-Vehicle	No	N/A	Safety Management (SM) is responsible for SoCalGas employees to perform their duties and responsibilities in a safe and productive manner. The services provided by SM include but are not limited to safety and industrial hygiene situation and compliance, incident preventing training, incident analysis, and incident reporting.	SCG-27-2R-E NSM-42 to NSM-54 WP 2R00003.000
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY MANAGEMENT	Incident Involving an Employee	Industrial Hygiene Program Refresh	Non-Vehicle	No	N/A	Safety Management (SM) is responsible for SoCalGas employees to perform their duties and responsibilities in a safe and productive manner. The services provided by SM include but are not limited to safety and industrial hygiene situation and compliance, incident preventing training, incident analysis, and incident reporting.	SCG-27-2R-E NSM-42 to NSM-54 WP 2R00003.000
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY MANAGEMENT	Incident Involving an Employee	Near Miss, Stop the Job and Jobsite Safety Program	Overall	No	N/A		
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY MANAGEMENT	Incident Involving an Employee	Personal Protection Equipment (PPE)	Non-vehicle Incident	No	Personal Protection Equipment (PPE) should have been coupled with the broader Employee Safety Training and awareness programs activity because PPE education and materials are part of training programs thus it is infeasible to identify costs incurred for these discrete activities/materials.	Safety Management (SM) is responsible for SoCalGas employees to perform their duties and responsibilities in a safe and productive manner. The services provided by SM include but are not limited to safety and industrial hygiene situation and compliance, incident preventing training, incident analysis, and incident reporting.	SCG-27-2R-E NSM-42 to NSM-54 WP 2R00003.000
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY MANAGEMENT	Incident Involving an Employee	Proactive monitoring for indoor air quality and chemicals of concern	Non-Vehicle	No	N/A		
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY MANAGEMENT	Incident Involving an Employee	Safe Driving Programs	Vehicle	No	N/A		
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY MANAGEMENT	Incident Involving an Employee	Safety Culture Program	Overall	No	N/A		
O&M	SAFETY MANAGEMENT SYSTEMS	SAFETY MANAGEMENT	Incident Involving an Employee	Utilizing Industry Best Practices and Benchmarking	Overall	No	Utilizing Industry Best Practices and Benchmarking should have been coupled with the broader Employee Health and Safety Programs and Standardized Policies activity. This is because SoCalGas benchmarked on existing programs and policies therefore the efforts related to benchmarking and updating programs and policies are interwoven. Costs for Utilizing Industry Best Practices and Benchmarking should continue to show as actuals in Employee Health and Safety Programs and Standardized Policies during this GRC cycle.		
O&M	**SAFETY MANAGEMENT SYSTEMS**	**SubTotal SAFETY MANAGEMENT**				**Yes**			

SoCalGas ENVIRONMENTAL SERVICES O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date ($)
O&M	ENVIRONMENTAL SERVICES	ENVIRONMENTAL SERVICES				Yes			9,211	—	—	—	9,211	10,184	10,490	10,805	11,129	10,184
O&M	SCG ENVIRONMENTAL	ENVIRONMENTAL	Non-RAMP	Non-RAMP	Non-RAMP	No	Ongoing	Annual	9,211	—	—	—	9,211	10,184	10,490	10,805	11,129	10,184
O&M	**SCG ENVIRONMENTAL**	**SubTotal ENVIRONMENTAL**			**NR**	**Yes**			**9,211**	**—**	**—**	**—**	**9,211**	**10,184**	**10,490**	**10,805**	**11,129**	**10,184**

SoCalGas ENVIRONMENTAL SERVICES O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference ($)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
O&M	ENVIRONMENTAL SERVICES	ENVIRONMENTAL SERVICES				Yes	(973)	(10,490)	(10,805)	(11,129)	(973)	-10%	-100%	-100%	-100%	-10%
O&M	SCG ENVIRONMENTAL	ENVIRONMENTAL	Non-RAMP	Non-RAMP	Non-RAMP	No	(973)	(10,490)	(10,805)	(11,129)	(973)	-10%	-100%	-100%	-100%	-10%
O&M	**SCG ENVIRONMENTAL**	**SubTotal ENVIRONMENTAL**			NR	Yes	**(973)**	**(10,490)**	**(10,805)**	**(11,129)**	**(973)**	**-10%**	**-100%**	**-100%**	**-100%**	**-10%**

SoCalGas ENVIRONMENTAL SERVICES O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
O&M	ENVIRONMENTAL SERVICES	ENVIRONMENTAL SERVICES				Yes																					
O&M	SCG ENVIRONMENTAL	ENVIRONMENTAL	Non-RAMP	Non-RAMP	Non-RAMP	No	PTE	45				45	56				56	(11)	0	0	0	(11)	(20)%	0 %	0 %	0 %	(20)%
O&M	**SCG ENVIRONMENTAL**	**SubTotal ENVIRONMENTAL**			**NR**	**Yes**																					

SoCalGas ENVIRONMENTAL SERVICES O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Safety, Reliability, or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status	Status Variance Explanation Required?
O&M	ENVIRONMENTAL SERVICES	ENVIRONMENTAL SERVICES				Yes										
O&M	SCG ENVIRONMENTAL	ENVIRONMENTAL	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**SCG ENVIRONMENTAL**	**SubTotal ENVIRONMENTAL**			**NR**	**Yes**	**YES**	**NO**								**NO**

SoCalGas ENVIRONMENTAL SERVICES O&M

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Status Variance Explanation	WP Activity Description	2024 GRC Testimony Location
O&M	ENVIRONMENTAL SERVICES	ENVIRONMENTAL SERVICES				Yes			
O&M	SCG ENVIRONMENTAL	ENVIRONMENTAL	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
O&M	**SCG ENVIRONMENTAL**	**SubTotal ENVIRONMENTAL**			**NR**	**Yes**			

SoCalGas GAS INTEGRITY MANAGEMENT PROGRAMS O&M
Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Transfer	Roll-up	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date ($)
O&M	GAS INTEGRITY PROGRAMS	SubTotal DIMP				Yes			40,633	---	---	---	40,633	52,662	54,242	55,869	57,545	52,662
O&M	GAS INTEGRITY PROGRAMS	DIMP SUPPORT FOR SDG&E	Incident Related to the Medium Pressure System (Excluding Dig-in)	DIMP - Distribution Risk Evaluation and Monitoring System (DREAMS)	Plastic - Main (VIPP)	No	On-going	Annual	913	---	---	---	913	878	904	931	959	878
O&M	GAS INTEGRITY PROGRAMS	SubTotal DIMP SUPPORT FOR SDG&E				Yes			913	---	---	---	913	878	904	931	959	878
O&M	GAS INTEGRITY PROGRAMS	TIMP	Incident Related to the High Pressure System (Excluding Dig-in)	Integrity Assessments & Remediation (HCA and Non-HCA)	Transmission - HCA	No	On-going	Annual	68,039	---	---	---	68,039	65,583	67,550	69,576	71,663	65,583
O&M	GAS INTEGRITY PROGRAMS	TIMP	Incident Related to the High Pressure System (Excluding Dig-in)	Integrity Assessments & Remediation (HCA and Non-HCA)	Transmission - Non-HCA	No	On-going	Annual	80,305	---	---	---	80,305	42,030	43,291	44,590	45,928	42,030
O&M	GAS INTEGRITY PROGRAMS	SubTotal TIMP				Yes			148,344	---	---	---	148,344	107,613	110,841	114,166	117,591	107,613
O&M	GAS INTEGRITY PROGRAMS	TIMP SUPPORT FOR SDG&E	Incident Related to the High Pressure System (Excluding Dig-in)	Integrity Assessments & Remediation (HCA and Non-HCA)	Transmission - HCA	No	On-going	Annual	1,484	---	---	---	1,484	1,672	1,722	1,773	1,826	1,672
O&M	GAS INTEGRITY PROGRAMS	TIMP SUPPORT FOR SDG&E	Incident Related to the High Pressure System (Excluding Dig-in)	Integrity Assessments & Remediation (HCA and Non-HCA)	Transmission - Non-HCA	No	On-going	Annual	30	---	---	---	30	88	91	94	97	88
O&M	GAS INTEGRITY PROGRAMS	SubTotal TIMP SUPPORT FOR SDG&E				Yes			1,514	---	---	---	1,514	1,760	1,813	1,867	1,923	1,760
O&M	GAS INTEGRITY PROGRAMS	SIMP	Incident Related to the Storage System (Excluding Dig-in)	Integrity Demonstration, Verification, and Monitoring Practices	Underground Components	No	On-going	Annual	16,725	---	---	---	16,725	18,648	19,207	19,783	20,376	18,648
O&M	GAS INTEGRITY PROGRAMS	SubTotal SIMP				Yes			16,725	---	---	---	16,725	18,648	19,207	19,783	20,376	18,648

SoCalGas GAS INTEGRITY MANAGEMENT PROGRAMS O&M
Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Differences (5)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
O&M	**GAS INTEGRITY PROGRAMS**	**SubTotal DIMP**				**Yes**	**(12,029)**	**(54,242)**	**(55,869)**	**(57,545)**	**(12,029)**	**-23%**	**-100%**	**-100%**	**-100%**	**-23%**
O&M	GAS INTEGRITY PROGRAMS	DIMP SUPPORT FOR SDG&E	Incident Related to the Medium Pressure System (Excluding Dig-in)	DIMP - Distribution Risk Evaluation and Monitoring System (DREAMS)	Plastic - Main (VIPP)	No	35	(90.4)	(93.1)	(95.9)	35	4%	-100%	-100%	-100%	4%
O&M	**GAS INTEGRITY PROGRAMS**	**SubTotal DIMP SUPPORT FOR SDG&E**				**Yes**	**35**	**(90.4)**	**(93.1)**	**(95.9)**	**35**	**4%**	**-100%**	**-100%**	**-100%**	**4%**
O&M	GAS INTEGRITY PROGRAMS	TIMP	Incident Related to the High Pressure System (Excluding Dig-in)	Integrity Assessments & Remediation (HCA and Non-HCA)	Transmission - HCA	No	2,456	(67,550)	(69,576)	(71,663)	2,456	4%	-100%	-100%	-100%	4%
O&M	GAS INTEGRITY PROGRAMS	TIMP	Incident Related to the High Pressure System (Excluding Dig-in)	Integrity Assessments & Remediation (HCA and Non-HCA)	Transmission - Non-HCA	No	38,275	(43,291)	(44,590)	(45,928)	38,275	91%	-100%	-100%	-100%	91%
O&M	**GAS INTEGRITY PROGRAMS**	**SubTotal TIMP**				**Yes**	**40,731**	**(110,841)**	**(114,166)**	**(117,591)**	**40,731**	**38%**	**-100%**	**-100%**	**-100%**	**38%**
O&M	GAS INTEGRITY PROGRAMS	TIMP SUPPORT FOR SDG&E	Incident Related to the High Pressure System (Excluding Dig-in)	Integrity Assessments & Remediation (HCA and Non-HCA)	Transmission - HCA	No	(188)	(1,722)	(1,773)	(1,826)	(188)	-11%	-100%	-100%	-100%	-11%
O&M	GAS INTEGRITY PROGRAMS	TIMP SUPPORT FOR SDG&E	Incident Related to the High Pressure System (Excluding Dig-in)	Integrity Assessments & Remediation (HCA and Non-HCA)	Transmission - Non-HCA	No	(58)	(91)	(94)	(97)	(58)	-66%	-100%	-100%	-100%	-66%
O&M	**GAS INTEGRITY PROGRAMS**	**SubTotal TIMP SUPPORT FOR SDG&E**				**Yes**	**(246)**	**(1,813)**	**(1,867)**	**(1,923)**	**(246)**	**-14%**	**-100%**	**-100%**	**-100%**	**-14%**
O&M	GAS INTEGRITY PROGRAMS	SIMP	Incident Related to the Storage System (Excluding Dig-in)	Integrity Demonstration, Verification, and Monitoring Practices	Underground Components	No	(1,923)	(19,207)	(19,783)	(20,376)	(1,923)	-10%	-100%	-100%	-100%	-10%
O&M	**GAS INTEGRITY PROGRAMS**	**SubTotal SIMP**				**Yes**	**(1,923)**	**(19,207)**	**(19,783)**	**(20,376)**	**(1,923)**	**-10%**	**-100%**	**-100%**	**-100%**	**-10%**

SoCalGas GAS INTEGRITY MANAGEMENT PROGRAMS O&M
Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
O&M	**GAS INTEGRITY PROGRAMS**	**SubTotal DIMP**				**Yes**																					
O&M	GAS INTEGRITY PROGRAMS	DIMP SUPPORT FOR SDG&E	Incident Related to the Medium Pressure System (Excluding Dig-in)	DIMP - Distribution Risk Evaluation and Monitoring System (DREAMS)	Plastic - Main (VIPP)	No	This activity and the work completed in 2024 consist of general management activities including data collection and management, database maintenance, and reporting for SDG&E and or Shared Services. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																			
O&M	**GAS INTEGRITY PROGRAMS**	**SubTotal DIMP SUPPORT FOR SDG&E**				**Yes**																					
O&M	GAS INTEGRITY PROGRAMS	TIMP	Incident Related to the High Pressure System (Excluding Dig-in)	Integrity Assessments & Remediation (HCA and Non-HCA)	Transmission - HCA	No	Miles assessed	167				167	169				169	(2)	0	0	0	(2)	(1)%	0 %	0 %	0 %	(1)%
O&M	GAS INTEGRITY PROGRAMS	TIMP	Incident Related to the High Pressure System (Excluding Dig-in)	Integrity Assessments & Remediation (HCA and Non-HCA)	Transmission - Non-HCA	No	Miles assessed	198				198	189				189	9	0	0	0	9	5 %	0 %	0 %	0 %	5 %
O&M	**GAS INTEGRITY PROGRAMS**	**SubTotal TIMP**				**Yes**																					
O&M	GAS INTEGRITY PROGRAMS	TIMP SUPPORT FOR SDG&E	Incident Related to the High Pressure System (Excluding Dig-in)	Integrity Assessments & Remediation (HCA and Non-HCA)	Transmission - HCA	No	This activity and the work completed in 2024 consist of general management activities including data collection and management, database maintenance, and reporting for SDG&E and or Shared Services. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																			
O&M	GAS INTEGRITY PROGRAMS	TIMP SUPPORT FOR SDG&E	Incident Related to the High Pressure System (Excluding Dig-in)	Integrity Assessments & Remediation (HCA and Non-HCA)	Transmission - Non-HCA	No	This activity and the work completed in 2024 consist of general management activities including data collection and management, database maintenance, and reporting for SDG&E and or Shared Services. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																			
O&M	**GAS INTEGRITY PROGRAMS**	**SubTotal TIMP SUPPORT FOR SDG&E**				**Yes**																					
O&M	GAS INTEGRITY PROGRAMS	SIMP	Incident Related to the Storage System (Excluding Dig-in)	Integrity Demonstration, Verification, and Monitoring Practices	Underground Components	No	Assets assessed-wells	13				13	22				22	(9)	0	0	0	(9)	(41)%	0 %	0 %	0 %	(41)%
O&M	**GAS INTEGRITY PROGRAMS**	**SubTotal SIMP**				**Yes**																					

SoCalGas GAS INTEGRITY MANAGEMENT PROGRAMS O&M
Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Safety, Reliability, or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status	Status Variance Explanation Required?
O&M	**GAS INTEGRITY PROGRAMS**	**SubTotal DIMP**				**Yes**	**YES**	**YES**								**NO**
O&M	GAS INTEGRITY PROGRAMS	DIMP SUPPORT FOR SDG&E	Incident Related to the Medium Pressure System (Excluding Dig-In)	DIMP - Distribution Risk Evaluation and Monitoring System (DREAMS)	Plastic - Main (VIPP)	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**GAS INTEGRITY PROGRAMS**	**SubTotal DIMP SUPPORT FOR SDG&E**				**Yes**	**YES**	**NO**								**NO**
O&M	GAS INTEGRITY PROGRAMS	TIMP	Incident Related to the High Pressure System (Excluding Dig-in)	Integrity Assessments & Remediation (HCA and Non-HCA)	Transmission - HCA	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	Over (O)	Proceeding as Planned	NO
O&M	GAS INTEGRITY PROGRAMS	TIMP	Incident Related to the High Pressure System (Excluding Dig-in)	Integrity Assessments & Remediation (HCA and Non-HCA)	Transmission - Non-HCA	No	YES	YES	YES	TIMP complies with 49 CFR §192, Subpart O—Gas Transmission Pipeline Integrity Management, and includes activities such as threat identification and risk assessment, pipeline assessments, remediation, and other actions that minimize threats and integrity concerns to reduce risk of pipeline failure. The assessments vary year to year primarily based on the timing and intervals of prior assessments and compliance dates. TIMP assessments may span both HCA and non-HCA segments and these tranches should be viewed in aggregate. Non-HCA pipeline segments include those in Class 3 and 4 locations, as well as Moderate Consequence Areas (MCAs), which are required under expanded PHMSA requirements per 49 CFR § 192.710. The allocation between the tranches is calculated based on the number of the actual 2024 completed assessment mileage. Furthermore, integrity assessments remain variable based on external factors (e.g., risks and threats) and individual project costs still differ. The 2024 TIMP variance in spend/duress driven in part by an increased volume of pipeline segments evaluated for stress corrosion cracking (SCC) threats. To meet regulatory deadlines, several pipeline assessments were conducted earlier than forecasted for the TY 2024 GRC application due to the volume of work necessary to comply with federal requirements. The variance is also driven by an increase in assessment and remediation activity to address the threat of corrosion on desert pipeline segments as a result of SoCalGas's corrosion reliability assessments (CRA).	TIMP complies with 49 CFR §192, Subpart O—Gas Transmission Pipeline Integrity Management, and includes activities such as threat identification and risk assessment, pipeline assessments, remediation, and other actions that minimize threats and integrity concerns to reduce risk of pipeline failure. Assessments vary year to year based on prescribed compliance-driven assessment cycles. TIMP assessments may span both HCA and non-HCA segments and these tranches should be viewed in aggregate. Non-HCA pipeline segments include those in Class 3 and 4 locations, as well as MCAs, which are required under expanded PHMSA requirements per 49 CFR § 192.710. The allocation between the tranches is calculated based on the number of the actual 2024 completed assessment mileage. The 2024 variance is driven in part by an increased volume of pipeline segments evaluated for SCC threats. To meet regulatory deadlines, several pipeline assessments were conducted earlier than forecasted for the TY 2024 GRC application due to the volume of work necessary to comply with federal requirements. The variance is also driven by an increase in assessment and remediation activity to address the threat of corrosion on desert pipeline segments as a result of SoCalGas's CRA.	On Target (T)	On Target (T)	Over (O)	Proceeding as Planned	NO
O&M	**GAS INTEGRITY PROGRAMS**	**SubTotal TIMP**				**Yes**	**YES**	**YES**								**NO**
O&M	GAS INTEGRITY PROGRAMS	TMP SUPPORT FOR SDG&E	Incident Related to the High Pressure System (Excluding Dig-in)	Integrity Assessments & Remediation (HCA and Non-HCA)	Transmission - HCA	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	GAS INTEGRITY PROGRAMS	TMP SUPPORT FOR SDG&E	Incident Related to the High Pressure System (Excluding Dig-in)	Integrity Assessments & Remediation (HCA and Non-HCA)	Transmission - Non-HCA	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**GAS INTEGRITY PROGRAMS**	**SubTotal TMP SUPPORT FOR SDG&E**				**Yes**	**YES**	**NO**								**NO**
O&M	GAS INTEGRITY PROGRAMS	SIMP	Incident Related to the Storage System (Excluding Dig-in)	Integrity Demonstration, Verification, and Monitoring Practices	Underground Components	No	YES	NO	YES	N/A	In 2024, six well integrity assessments were completed in compliance with CCR §17 26.6(a), which mandates a 24-month inspection frequency for most wells, with CalGEM authorizing extensions beyond this period on a well-by-well basis. Additionally, Thru-Tubing logging, an alternate type of casing inspection required by CalGEM starting 2024, was performed on seven wells. The unit variance is due to extensions granted by CalGEM for well inspections and assessments initiated in 2024 but not completed within the same year.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**GAS INTEGRITY PROGRAMS**	**SubTotal SIMP**				**Yes**	**YES**	**NO**								**NO**

SoCalGas GAS INTEGRITY MANAGEMENT PROGRAMS O&M
Bifurcated

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Status Variance Explanation	WP Activity Description	2024 GRC Testimony Location
O&M	**GAS INTEGRITY PROGRAMS**	**SubTotal DIMP**				**Yes**			
O&M	GAS INTEGRITY PROGRAMS	DIMP SUPPORT FOR SDG&E	Incident Related to the Medium Pressure System (Excluding Dig-in)	DIMP - Distribution Risk Evaluation and Monitoring System (DREAMS)	Plastic - Main (VIPP)	No	N/A		
O&M	**GAS INTEGRITY PROGRAMS**	**SubTotal DIMP SUPPORT FOR SDG&E**				**Yes**			
O&M	GAS INTEGRITY PROGRAMS	TIMP	Incident Related to the High Pressure System (Excluding Dig-in)	Integrity Assessments & Remediation (HCA and Non-HCA)	Transmission - HCA	No	N/A		
O&M	GAS INTEGRITY PROGRAMS	TIMP	Incident Related to the High Pressure System (Excluding Dig-in)	Integrity Assessments & Remediation (HCA and Non-HCA)	Transmission - Non-HCA	No	N/A	TIMP assessments, remediation, pre-mitative & mitigative measures, and other activities in compliance with 49 CFR Part 192, Subpart O, as well as new requirements of 49 CFR § 192.710.	SCG-09 AK-TS-27 to AK-TS-36 WP 2 TDI01.000
O&M	**GAS INTEGRITY PROGRAMS**	**SubTotal TIMP**				**Yes**			
O&M	GAS INTEGRITY PROGRAMS	TIMP SUPPORT FOR SDG&E	Incident Related to the High Pressure System (Excluding Dig-in)	Integrity Assessments & Remediation (HCA and Non-HCA)	Transmission - HCA	No	N/A		
O&M	GAS INTEGRITY PROGRAMS	TIMP SUPPORT FOR SDG&E	Incident Related to the High Pressure System (Excluding Dig-in)	Integrity Assessments & Remediation (HCA and Non-HCA)	Transmission - Non-HCA	No	N/A		
O&M	**GAS INTEGRITY PROGRAMS**	**SubTotal TIMP SUPPORT FOR SDG&E**				**Yes**			
O&M	GAS INTEGRITY PROGRAMS	SIMP	Incident Related to the Storage System (Excluding Dig-in)	Integrity Demonstration, Verification, and Monitoring Practices	Underground Components	No	N/A	SIMP activities such as well inspections, threat assesment, data management, and other related activities in compliance with state and federal regulatory requirements.	SCG-09 AK-TS-47 to AK-TS-52 WP 2 TDI03.000
O&M	**GAS INTEGRITY PROGRAMS**	**SubTotal SIMP**				**Yes**			

SoCalGas CLEAN ENERGY INNOVATIONS O&M
Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	RoBas	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date ($)
O&M	**CLEAN ENERGY INNOVATIONS**	**CLEAN ENERGY INNOVATIONS**				**Yes**			**12,102**	**—**	**—**	**—**	**12,102**	**17,853**	**18,389**	**18,941**	**19,509**	**17,853**
O&M	CLEAN ENERGY INNOVATIONS	R-RESEARCH DEVELOPMENT AND DEMONSTRATION 2019 GRC CYCLE	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	8,543	—	—	—	8,543	—	—	—	—	—
O&M	**CLEAN ENERGY INNOVATIONS**	**SubTotal R-RESEARCH DEVELOPMENT AND DEMONSTRATION 2019 GRC CYCLE**				**Yes**			**8,543**	**—**	**—**	**—**	**8,543**	**—**	**—**	**—**	**—**	**—**
O&M	CLEAN ENERGY INNOVATIONS	R-RESEARCH DEVELOPMENT AND DEMONSTRATION 2024 GRC CYCLE	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	3,559	—	—	—	3,559	17,853	18,389	18,941	19,509	17,853
O&M	**CLEAN ENERGY INNOVATIONS**	**SubTotal R-RESEARCH DEVELOPMENT AND DEMONSTRATION 2024 GRC CYCLE**				**Yes**			**3,559**	**—**	**—**	**—**	**3,559**	**17,853**	**18,389**	**18,941**	**19,509**	**17,853**

SoCalGas CLEAN ENERGY INNOVATIONS O&M
Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	RoRup	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference ($)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
O&M	CLEAN ENERGY INNOVATIONS	CLEAN ENERGY INNOVATIONS				Yes	(5,751)	(18,389)	(18,941)	(19,509)	(5,751)	-32%	-100%	-100%	-100%	-32%
O&M	CLEAN ENERGY INNOVATIONS	R-RESEARCH DEVELOPMENT AND DEMONSTRATION 2019 GRC CYCLE	Non-RAMP	Non-RAMP	Non-RAMP	No	8,543	—	—	—	8,543	100%	—%	—%	—%	100%
O&M	**CLEAN ENERGY INNOVATIONS**	**SubTotal R-RESEARCH DEVELOPMENT AND DEMONSTRATION 2019 GRC CYCLE**				**Yes**	**8,543**	**—**	**—**	**—**	**8,543**	**100%**	**—%**	**—%**	**—%**	**100%**
O&M	CLEAN ENERGY INNOVATIONS	R-RESEARCH DEVELOPMENT AND DEMONSTRATION 2024 GRC CYCLE	Non-RAMP	Non-RAMP	Non-RAMP	No	(14,294)	(18,389)	(18,941)	(19,509)	(14,294)	-80%	-100%	-100%	-100%	-80%
O&M	**CLEAN ENERGY INNOVATIONS**	**SubTotal R-RESEARCH DEVELOPMENT AND DEMONSTRATION 2024 GRC CYCLE**				**Yes**	**(14,294)**	**(18,389)**	**(18,941)**	**(19,509)**	**(14,294)**	**-80%**	**-100%**	**-100%**	**-100%**	**-80%**

SoCalGas CLEAN ENERGY INNOVATIONS O&M
Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	RollUp	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Unit to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
O&M	CLEAN ENERGY INNOVATIONS	CLEAN ENERGY INNOVATIONS				Yes																					
O&M	CLEAN ENERGY INNOVATIONS	R-RESEARCH DEVELOPMENT AND DEMONSTRATION 2019 GRC CYCLE	Non-RAMP	Non-RAMP	Non-RAMP	No	Consistent with PUC 740.1, The Research Development & Demonstration (RD&D) projects support the following goals: safety, conservation, development of renewable resources and supply technologies, reliability, efficiency, and cost reduction. RD&D is focused on identifying, developing, and demonstrating technologies of significant potential value to customers and utility operations. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																		
O&M	**CLEAN ENERGY INNOVATIONS**	**SubTotal R-RESEARCH DEVELOPMENT AND DEMONSTRATION 2019 GRC CYCLE**				**Yes**																					
O&M	CLEAN ENERGY INNOVATIONS	R-RESEARCH DEVELOPMENT AND DEMONSTRATION 2024 GRC CYCLE	Non-RAMP	Non-RAMP	Non-RAMP	No	Consistent with PUC 740.1, The RD&D projects support the following goals: safety, conservation, development of renewable resources and supply technologies, reliability, efficiency, and cost reduction. RD&D is focused on identifying, developing, and demonstrating technologies of significant potential value to customers and utility operations. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																		
O&M	**CLEAN ENERGY INNOVATIONS**	**SubTotal R-RESEARCH DEVELOPMENT AND DEMONSTRATION 2024 GRC CYCLE**				**Yes**																					

SoCalGas CLEAN ENERGY INNOVATIONS O&M
Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Safety, Reliability, or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status	Status Variance Explanation Required?
O&M	**CLEAN ENERGY INNOVATIONS**	**CLEAN ENERGY INNOVATIONS**				**Yes**										
O&M	CLEAN ENERGY INNOVATIONS	R-RESEARCH DEVELOPMENT AND DEMONSTRATION 2019 GRC CYCLE	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	YES	NO	The 2019 GRC Decision required that prior to SoCalGas recording 2021 RD&D expenses to the RDDEA memorandum account, it should submit a Tier 3 Advice Letter and include a Research Plan for the following calendar year. In addition to the requirements outlined in the 2019 GRC Decision, the Commission provided guidance in 2022 for future RD&D Research Plans in Resolution G-3586, which authorized SoCalGas to record in the one-way RDDEA balancing account expenses for multi-year projects approved and contracted prior to the Resolution. On June 15, 2022, SoCalGas submitted its 2023 RD&D Program Research Plan AL 5991-G. On November 30, 2023, the Commission issued Resolution G-3601, which partially approved and modified SoCalGas's AL 5991-G to set the funding level for the 2023 RD&D Plan at $16,874,000. The 2024 expenses include the carryover of 2023 Research, Development, and Demonstration funding into calendar year 2024, as approved by Resolution G-3601. This carryover was necessitated by the timing of receiving the research plan resolution, which extended 2023 research projects into calendar year 2024.	N/A	Under (U)	Under (U)	Under (U)	Completed	NO
O&M	**CLEAN ENERGY INNOVATIONS**	**SubTotal R-RESEARCH DEVELOPMENT AND DEMONSTRATION 2019 GRC CYCLE**				**Yes**	**YES**	**YES**								**NO**
O&M	CLEAN ENERGY INNOVATIONS	R-RESEARCH DEVELOPMENT AND DEMONSTRATION 2024 GRC CYCLE	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	YES	NO	The 2024 GRC Decision upheld Decision 19-09-051 and Resolutions G-3573, G-3586, and G-3601, which approved funding, research projects, and established program oversight rules currently governing this general rate case cycle. The 2019 GRC Decision required that prior to SoCalGas recording 2021 RD&D expenses to the RDDEA memorandum account, it should submit a Tier 3 Advice Letter and include a Research Plan for the following calendar year. In addition to the requirements outlined in the 2019 GRC Decision, the Commission provided guidance in 2022 for future RD&D Research Plans in Resolution G-3586, which authorized SoCalGas to record in the one-way RDDEA balancing account expenses for multi-year projects approved and contracted prior to the Resolution. The delay in issuing a final decision for the 2024 General Rate Case postponed the submission of the 2024 Research Development and Demonstration Plan. Per Decision 19-09-051, this plan must be approved prior to initiating new research projects. Consequently, this delay resulted in lower-than-authorized expenses for 2024. The actual costs, amounting to $3,559,000, encompass RD&D labor supporting approved multi-year projects as well as program administration expenses.	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
O&M	**CLEAN ENERGY INNOVATIONS**	**SubTotal R-RESEARCH DEVELOPMENT AND DEMONSTRATION 2024 GRC CYCLE**				**Yes**	**YES**	**YES**								**NO**

SoCalGas CLEAN ENERGY INNOVATIONS O&M
Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	RoBup	Status Variance Explanation	WP Activity Description	2024 GRC Testimony Location
O&M	CLEAN ENERGY INNOVATIONS	CLEAN ENERGY INNOVATIONS				Yes			
O&M	CLEAN ENERGY INNOVATIONS	R-RESEARCH DEVELOPMENT AND DEMONSTRATION 2019 GRC CYCLE	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A	The Research Development & Demonstration (RD&D) organization is focused on identifying, assessing, developing, demonstrating, and deploying new technologies of significant potential value to customers and utility operations. RD&D staff identify promising projects and evaluate them for potential funding , taking a comprehensive yet flexible approach that enables them to 1) identify potential projects most in alignment with RD&D Program goals, state and federal environmental policy, and industry demand; 2) accurately assess the likelihood of potential projects to succeed; 3) work with proven partners and technologies over time; and 4) respond nimbly to changing market, technology, and policy drivers. RD&D expenses are tracked in a one-way balancing account	N/A
O&M	**CLEAN ENERGY INNOVATIONS**	**SubTotal R-RESEARCH DEVELOPMENT AND DEMONSTRATION 2019 GRC CYCLE**				**Yes**			
O&M	CLEAN ENERGY INNOVATIONS	R-RESEARCH DEVELOPMENT AND DEMONSTRATION 2024 GRC CYCLE	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A	The Research Development & Demonstration (RD&D) organization is focused on identifying, assessing, developing, demonstrating, and deploying new technologies of significant potential value to customers and utility operations. RD&D staff identify promising projects and evaluate them for potential funding , taking a comprehensive yet flexible approach that enables them to 1) identify potential projects most in alignment with RD&D Program goals, state and federal environmental policy, and industry demand; 2) accurately assess the likelihood of potential projects to succeed; 3) work with proven partners and technologies over time; and 4) respond nimbly to changing market, technology, and policy drivers. RD&D expenses are tracked in a one-way balancing account	SCG-12-R A1-44 TO A1-55 WP 2RD001.001
O&M	**CLEAN ENERGY INNOVATIONS**	**SubTotal R-RESEARCH DEVELOPMENT AND DEMONSTRATION 2024 GRC CYCLE**				**Yes**			

SoCalGas ENVIRONMENTAL SERVICES O&M
Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date ($)
O&M	ENVIRONMENTAL SERVICES	ENVIRONMENTAL SERVICES				Yes			13,711	-	-	-	13,711	18,717	19,218	19,464	19,464	18,717
O&M	SCG ENVIRONMENTAL	RAMP RNERBA-LDAR	Incident Related to the Storage System (Excluding Dig-in)	Wellhead Leak Detection and Repair	N/A	No	On-going	Annual	10,990	-	-	-	10,990	6,501	6,696	6,897	7,104	6,501
O&M	**SCG ENVIRONMENTAL**	**SubTotal RAMP RNERBA-LDAR**				**Yes**			**10,990**	**-**	**-**	**-**	**10,990**	**6,501**	**6,696**	**6,897**	**7,104**	**6,501**
O&M	SCG ENVIRONMENTAL	RNERBA-AB32 FEES	Non-RAMP	Non-RAMP	Non-RAMP	No			12,671	-	-	-	12,671	12,126	12,490	12,865	13,251	12,126
O&M	**SCG ENVIRONMENTAL**	**SubTotal RNERBA-AB32 FEES**				**Yes**			**12,671**	**-**	**-**	**-**	**12,671**	**12,126**	**12,490**	**12,865**	**13,251**	**12,126**
O&M	SCG ENVIRONMENTAL	RNERBA-SUBPART W	Non-RAMP	Non-RAMP	Non-RAMP	No			51	-	-	-	51	100	103	106	109	100
O&M	**SCG ENVIRONMENTAL**	**SubTotal RNERBA-SUBPART W**				**Yes**			**51**	**-**	**-**	**-**	**51**	**100**	**103**	**106**	**109**	**100**

SoCalGas ENVIRONMENTAL SERVICES O&M
Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference ($)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
O&M	ENVIRONMENTAL SERVICES	ENVIRONMENTAL SERVICES				Yes	4,438	(13,249)	(19,834)	(20,444)	4,438	27%	-101%	-101%	-101%	27%
O&M	SCG ENVIRONMENTAL	RAMP RNERBA-LDAR	Incident Related to the Storage System (Excluding Dig-in)	Wellhead Leak Detection and Repair	N/A	No	4,439	(6,696)	(6,897)	(7,104)	4,439	69%	-100%	-100%	-100%	69%
O&M	**SCG ENVIRONMENTAL**	**SubTotal: RAMP RNERBA-LDAR**				**Yes**	**4,439**	**(6,696)**	**(6,897)**	**(7,104)**	**4,439**	**69%**	**-100%**	**-100%**	**-100%**	**69%**
O&M	SCG ENVIRONMENTAL	RNERBA-AB32 FEES	Non-RAMP	Non-RAMP	Non-RAMP	No	545	(12,490)	(12,865)	(13,251)	545	4%	-100%	-100%	-100%	4%
O&M	**SCG ENVIRONMENTAL**	**SubTotal: RNERBA-AB32 FEES**				**Yes**	**545**	**(12,490)**	**(12,865)**	**(13,251)**	**545**	**4%**	**-100%**	**-100%**	**-100%**	**4%**
O&M	SCG ENVIRONMENTAL	RNERBA-SUBPART W	Non-RAMP	Non-RAMP	Non-RAMP	No	(49)	(103)	(106)	(109)	(49)	-49%	-100%	-100%	-100%	-49%
O&M	**SCG ENVIRONMENTAL**	**SubTotal: RNERBA-SUBPART W**				**Yes**	**(49)**	**(103)**	**(106)**	**(109)**	**(49)**	**-49%**	**-100%**	**-100%**	**-100%**	**-49%**

SoCalGas ENVIRONMENTAL SERVICES O&M
Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
O&M	ENVIRONMENTAL SERVICES	ENVIRONMENTAL SERVICES				Yes																					
O&M	SCG ENVIRONMENTAL	RAMP RNERBA-LDAR	Incident Related to the Storage System (Excluding Dig-in)	Wellhead Leak Detection and Repair	N/A	No	Components surveyed and leaks repaired	974,000				974,000	804,000				804,000	170,000	0	0	0	170,000	21 %	0 %	0 %	0 %	21 %
O&M	SCG ENVIRONMENTAL	Subtotal RAMP RNERBA-LDAR				Yes																					
O&M	SCG ENVIRONMENTAL	RNERBA-AB32 FEES	Non-RAMP	Non-RAMP	Non-RAMP	No												0	0	0	0	0	0 %	0 %	0 %	0 %	0 %
O&M	SCG ENVIRONMENTAL	Subtotal RNERBA-AB32 FEES				Yes																					
O&M	SCG ENVIRONMENTAL	RNERBA-SUBPART W	Non-RAMP	Non-RAMP	Non-RAMP	No												0	0	0	0	0	0 %	0 %	0 %	0 %	0 %
O&M	SCG ENVIRONMENTAL	Subtotal RNERBA-SUBPART W				Yes																					

SoCalGas ENVIRONMENTAL SERVICES O&M
Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Safety, Reliability, or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status	Status Variance Explanation Required?
O&M	ENVIRONMENTAL SERVICES	ENVIRONMENTAL SERVICES				Yes										
O&M	SCG ENVIRONMENTAL	RAMP RNERBA-LDAR	Incident Related to the Storage System (Excluding Dig-in)	Wellhead Leak Detection and Repair	N/A	No	YES	YES	YES	LDAR activity (surveys and repairs) costs, conducted pursuant to regulatory requirements, are influenced by several external variables, including location, the number of components surveyed, actual number of surveys, leaks found, and the number and subsequent cost of individual repairs. SoCalGas forecasted the 2024 cost of LDAR activities using a base year methodology plus incremental costs; however, due to the variability of the external factors, there was an increase in the actual 2024 survey and repair costs compared to the 2024 forecast.	Increases in the number of government agency inspections requiring component leak evaluation and company surveys outside of the mandatory quarterly requirement resulted in a higher number of overall surveys performed and subsequent leaks repaired than originally forecasted.	On Target (T)	On Target (T)	Over (O)	Proceeding as Planned	NO
O&M	**SCG ENVIRONMENTAL**	**SubTotal RAMP RNERBA-LDAR**				**Yes**	**YES**	**YES**								**NO**
O&M	SCG ENVIRONMENTAL	RNERBA-AB32 FEES	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
O&M	**SCG ENVIRONMENTAL**	**SubTotal RNERBA-AB32 FEES**				**Yes**	**NO**	NO								NO
O&M	SCG ENVIRONMENTAL	RNERBA-SUBPART W	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
O&M	**SCG ENVIRONMENTAL**	**SubTotal RNERBA-SUBPART W**				**Yes**	**NO**	NO								NO

SoCalGas ENVIRONMENTAL SERVICES O&M
Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Status Variance Explanation	WP Activity Description	2024 GRC Testimony Location
O&M	ENVIRONMENTAL SERVICES	ENVIRONMENTAL SERVICES				Yes			
O&M	SCG ENVIRONMENTAL	RAMP RNERBA-LDAR	Incident Related to the Storage System (Excluding Dig-in)	Wellhead Leak Detection and Repair	N/A	No	N/A	Beginning in 2017, SoCalGas has incurred labor and non-labor costs associated with the implementation of the Greenhouse Gas Emission Standards for Crude Oil and Natural Gas Facilities (CARB Oil and Gas Rule). The rule requires the annual reporting of quarterly Leak Detection and Repair (collequally referred to as "LDAR") activities for both storage fields and compressor stations as well as extensive ambient and well monitoring at underground natural gas storage facilities. Finally, the rule requires storage facilities to incorporate procedures to notify the public about well blowouts.	SCG-20-R AKG-19 to AKG-21 WP 2EV001.003
O&M	**SCG ENVIRONMENTAL**	**SubTotal RAMP RNERBA-LDAR**				**Yes**			
O&M	SCG ENVIRONMENTAL	RNERBA-AB32 FEES	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**SCG ENVIRONMENTAL**	**SubTotal RNERBA-AB32 FEES**				**Yes**			
O&M	SCG ENVIRONMENTAL	RNERBA-SUBPART W	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**SCG ENVIRONMENTAL**	**SubTotal RNERBA-SUBPART W**				**Yes**			

SoCalGas CORPORATE CENTER - INSURANCE O&M
Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date ($)
O&M	CORPORATE CENTER - INSURANCE	CORPORATE CENTER - INSURANCE				Yes			4,431	--	--	--	4,431	5,996	5,764	5,937	6,115	23,813
O&M	CORPORATE CENTER - INSURANCE	EXCESS WORKERS COMPENSATION INSURANCE - P925.1	Non-RAMP	Non-RAMP	Non-RAMP	No			4,431	--	--	--	4,431	5,996	5,764	5,937	6,115	5,996
O&M	**CORPORATE CENTER - INSURANCE**	**SubTotal EXCESS WORKERS COMPENSATION INSURANCE - P925.1**				**Yes**			**4,431**	--	--	--	**4,431**	**5,996**	**5,764**	**5,937**	**6,115**	**5,996**
O&M	CORPORATE CENTER - INSURANCE	RSECC EXCESS LIABILITY INSURANCE PLPD - F925.0	Non-RAMP	Non-RAMP	Non-RAMP	No			57,458	--	--	--	57,458	63,210	65,106	67,059	69,071	63,210
O&M	**CORPORATE CENTER - INSURANCE**	**SubTotal RSECC EXCESS LIABILITY INSURANCE PLPD - F925.0**				**Yes**			**57,458**	--	--	--	**57,458**	**63,210**	**65,106**	**67,059**	**69,071**	**63,210**
O&M	CORPORATE CENTER - INSURANCE	RSECC EXCESS LIABILITY INSURANCE PLPD - F925.5 WILDFIRE	Non-RAMP	Non-RAMP	Non-RAMP	No			265	--	--	--	265	303	312	321	331	303
O&M	**CORPORATE CENTER - INSURANCE**	**SubTotal RSECC EXCESS LIABILITY INSURANCE PLPD - F925.5 WILDFIRE**				**Yes**			**265**	--	--	--	**265**	**303**	**312**	**321**	**331**	**303**
O&M	CORPORATE CENTER - INSURANCE	RSECC OTHER LIABILITY INSURANCE NON-NUCLEAR - F925.3	Non-RAMP	Non-RAMP	Non-RAMP	No			2,984	--	--	--	2,984	3,323	3,423	3,526	3,632	3,323
O&M	**CORPORATE CENTER - INSURANCE**	**SubTotal RSECC OTHER LIABILITY INSURANCE NON-NUCLEAR - F925.3**				**Yes**			**2,984**	--	--	--	**2,984**	**3,323**	**3,423**	**3,526**	**3,632**	**3,323**

SoCalGas CORPORATE CENTER - INSURANCE O&M
Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference ($)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
O&M	CORPORATE CENTER - INSURANCE	CORPORATE CENTER - INSURANCE				Yes	(7,217.6)	(74,610.5)	(76,874.1)	(79,114.9)	(7,217.6)	-11%	-101%	-101%	-101%	-11%
O&M	CORPORATE CENTER - INSURANCE	EXCESS WORKERS COMPENSATION INSURANCE - F925.1	Non-RAMP	Non-RAMP	Non-RAMP	No	(1,165)	(5,764)	(5,937)	(6,115)	(1,165)	-21%	-100%	-100%	-100%	-21%
O&M	**CORPORATE CENTER - INSURANCE**	**SubTotal EXCESS WORKERS COMPENSATION INSURANCE - F925.1**				**Yes**	**(1,165)**	**(5,764)**	**(5,937)**	**(6,115)**	**(1,165)**	**-21%**	**-100%**	**-100%**	**-100%**	**-21%**
O&M	CORPORATE CENTER - INSURANCE	RSECC EXCESS LIABILITY INSURANCE PLPD - F925.0	Non-RAMP	Non-RAMP	Non-RAMP	No	(5,752)	(65,106)	(67,059)	(69,071)	(5,752)	-9%	-100%	-100%	-100%	-9%
O&M	**CORPORATE CENTER - INSURANCE**	**SubTotal RSECC EXCESS LIABILITY INSURANCE PLPD - F925.0**				**Yes**	**(5,752)**	**(65,106)**	**(67,059)**	**(69,071)**	**(5,752)**	**-9%**	**-100%**	**-100%**	**-100%**	**-9%**
O&M	CORPORATE CENTER - INSURANCE	RSECC EXCESS LIABILITY INSURANCE PLPD - F925.5 WILDFIRE	Non-RAMP	Non-RAMP	Non-RAMP	No	(38)	(312)	(321)	(331)	(38)	-13%	-100%	-100%	-100%	-13%
O&M	**CORPORATE CENTER - INSURANCE**	**SubTotal RSECC EXCESS LIABILITY INSURANCE PLPD - F925.5 WILDFIRE**				**Yes**	**(38)**	**(312)**	**(321)**	**(331)**	**(38)**	**-13%**	**-100%**	**-100%**	**-100%**	**-13%**
O&M	CORPORATE CENTER - INSURANCE	RSECC OTHER LIABILITY INSURANCE NON-NUCLEAR - F925.3	Non-RAMP	Non-RAMP	Non-RAMP	No	(3.99)	(3,423)	(3,526)	(3,632)	(3.99)	-10%	-100%	-100%	-100%	-10%
O&M	**CORPORATE CENTER - INSURANCE**	**SubTotal RSECC OTHER LIABILITY INSURANCE NON-NUCLEAR - F925.3**				**Yes**	**(3.99)**	**(3,423)**	**(3,526)**	**(3,632)**	**(3.99)**	**-10%**	**-100%**	**-100%**	**-100%**	**-10%**

SoCalGas CORPORATE CENTER - INSURANCE O&M
Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
O&M	CORPORATE CENTER - INSURANCE	CORPORATE CENTER - INSURANCE				Yes																					
O&M	CORPORATE CENTER - INSURANCE	EXCESS WORKERS COMPENSATION INSURANCE - P925.1	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	**CORPORATE CENTER - INSURANCE**	**SubTotal EXCESS WORKERS COMPENSATION INSURANCE - P925.1**				Yes																					
O&M	CORPORATE CENTER - INSURANCE	RSECC EXCESS LIABILITY INSURANCE PLPD - P925.0	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	**CORPORATE CENTER - INSURANCE**	**SubTotal RSECC EXCESS LIABILITY INSURANCE PLPD - P925.0**				Yes																					
O&M	CORPORATE CENTER - INSURANCE	RSECC EXCESS LIABILITY INSURANCE PLPD - P925.5 WILDFIRE	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	**CORPORATE CENTER - INSURANCE**	**SubTotal RSECC EXCESS LIABILITY INSURANCE PLPD - P925.5 WILDFIRE**				Yes																					
O&M	CORPORATE CENTER - INSURANCE	RSECC OTHER LIABILITY INSURANCE NON-NUCLEAR - P925.3	Non-RAMP	Non-RAMP	Non-RAMP	No																					
O&M	**CORPORATE CENTER - INSURANCE**	**SubTotal RSECC OTHER LIABILITY INSURANCE NON-NUCLEAR - P925.3**				Yes																					

SoCalGas CORPORATE CENTER - INSURANCE O&M
Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Safety, Reliability, or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status	Status Variance Explanation Required?
O&M	CORPORATE CENTER - INSURANCE	CORPORATE CENTER - INSURANCE				Yes										
O&M	CORPORATE CENTER - INSURANCE	EXCESS WORKERS COMPENSATION INSURANCE - P925.1	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
O&M	**CORPORATE CENTER - INSURANCE**	**SubTotal EXCESS WORKERS COMPENSATION INSURANCE - P925.1**				Yes	**NO**	NO	NO							NO
O&M	CORPORATE CENTER - INSURANCE	RSECC EXCESS LIABILITY INSURANCE PLPD - P925.0	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
O&M	**CORPORATE CENTER - INSURANCE**	**SubTotal RSECC EXCESS LIABILITY INSURANCE PLPD - P925.0**				Yes	**NO**	NO	NO							NO
O&M	CORPORATE CENTER - INSURANCE	RSECC EXCESS LIABILITY INSURANCE PLPD - P925.5 WILDFIRE	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
O&M	**CORPORATE CENTER - INSURANCE**	**SubTotal RSECC EXCESS LIABILITY INSURANCE PLPD - P925.5 WILDFIRE**				Yes	**NO**	NO	NO							NO
O&M	CORPORATE CENTER - INSURANCE	RSECC OTHER LIABILITY INSURANCE NON-NUCLEAR - P925.3	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
O&M	**CORPORATE CENTER - INSURANCE**	**SubTotal RSECC OTHER LIABILITY INSURANCE NON-NUCLEAR - P925.3**				Yes	**NO**	NO	NO							NO

SoCalGas CORPORATE CENTER - INSURANCE O&M
Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Status Variance Explanation	WP Activity Description	2024 GRC Testimony Location
O&M	CORPORATE CENTER - INSURANCE	CORPORATE CENTER - INSURANCE				Yes			
O&M	CORPORATE CENTER - INSURANCE	EXCESS WORKERS COMPENSATION INSURANCE - F025.1	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**CORPORATE CENTER - INSURANCE**	**SubTotal EXCESS WORKERS COMPENSATION INSURANCE - F025.1**				Yes			
O&M	CORPORATE CENTER - INSURANCE	RSECC EXCESS LIABILITY INSURANCE PLPD - F025.0	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**CORPORATE CENTER - INSURANCE**	**SubTotal RSECC EXCESS LIABILITY INSURANCE PLPD - F025.0**				Yes			
O&M	CORPORATE CENTER - INSURANCE	RSECC EXCESS LIABILITY INSURANCE PLPD - F025.5 WILDFIRE	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**CORPORATE CENTER - INSURANCE**	**SubTotal RSECC EXCESS LIABILITY INSURANCE PLPD - F025.5 WILDFIRE**				Yes			
O&M	CORPORATE CENTER - INSURANCE	RSECC OTHER LIABILITY INSURANCE NON-NUCLEAR - F025.3	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**CORPORATE CENTER - INSURANCE**	**SubTotal RSECC OTHER LIABILITY INSURANCE NON-NUCLEAR - F025.3**				Yes			

SoCalGas CORPORATE CENTER - PENSION AND POSTRETIREMENT BENEFITS OTHER THAN PENSION O&M
Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date ($)
O&M	CORPORATE CENTER - PENSION AND POSTRETIREMENT BENEFITS OTHER THAN PENSION	CORPORATE CENTER - PENSION AND POSTRETIREMENT BENEFITS OTHER THAN PENSION				Yes			170,718	–	–	–	170,718	170,718	175,840	181,115	186,548	170,718
O&M	CORPORATE CENTER - PENSION & PBOP	EMPLOYEE PENSION	Non-RAMP	Non-RAMP	Non-RAMP	No			170,718	–	–	–	170,718	170,718	175,840	181,115	186,548	170,718
O&M	**CORPORATE CENTER - PENSION & PBOP**	**Subtotal EMPLOYEE PENSION**				Yes			**170,718**	**–**	**–**	**–**	**170,718**	**170,718**	**175,840**	**181,115**	**186,548**	**170,718**

SoCalGas CORPORATE CENTER - PENSION AND POSTRETIREMENT BENEFITS OTHER THAN PENSION O&M
Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference ($)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
O&M	CORPORATE CENTER - PENSION AND POSTRETIREMENT BENEFITS OTHER THAN PENSION	CORPORATE CENTER - PENSION AND POSTRETIREMENT BENEFITS OTHER THAN PENSION				Yes	0	(175,840)	(181,115)	(186,548)	0	0%	-100%	-100%	-100%	0%
O&M	CORPORATE CENTER - PENSION & PBOP	EMPLOYEE PENSION	Non-RAMP	Non-RAMP	Non-RAMP	No	0	(175,840)	(181,115)	(186,548)	0	0%	-100%	-100%	-100%	0%
O&M	**CORPORATE CENTER - PENSION & PBOP**	**SubTotal EMPLOYEE PENSION**				Yes	**0**	**(175,840)**	**(181,115)**	**(186,548)**	**0**	**0%**	**-100%**	**-100%**	**-100%**	**0%**

SoCalGas CORPORATE CENTER - PENSION AND POSTRETIREMENT BENEFITS OTHER THAN PENSION O&M
Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
O&M	CORPORATE CENTER - PENSION AND POSTRETIREMENT BENEFITS OTHER THAN PENSION	CORPORATE CENTER - PENSION AND POSTRETIREMENT BENEFITS OTHER THAN PENSION				Yes																					
O&M	CORPORATE CENTER - PENSION & PBOP	EMPLOYEE PENSION	Non-RAMP	Non-RAMP	Non-RAMP	No												0	0	0	0	0	0%	0%	0%	0%	0%
O&M	CORPORATE CENTER - PENSION & PBOP	Subtotal EMPLOYEE PENSION				Yes																					

SoCalGas CORPORATE CENTER - PENSION AND POSTRETIREMENT BENEFITS OTHER THAN PENSION O&M
Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Safety, Reliability, or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status	Status Variance Explanation Required?
O&M	CORPORATE CENTER - PENSION AND POSTRETIREMENT BENEFITS OTHER THAN PENSION	CORPORATE CENTER - PENSION AND POSTRETIREMENT BENEFITS OTHER THAN PENSION				Yes										
O&M	CORPORATE CENTER - PENSION & PBOP	EMPLOYEE PENSION	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
O&M	CORPORATE CENTER - PENSION & PBOP	Subtotal EMPLOYEE PENSION				Yes	NO	NO								NO

SoCalGas **CORPORATE CENTER - PENSION AND POSTRETIREMENT BENEFITS OTHER THAN PENSION O&M**
Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Status Variance Explanation	WP Activity Description	2024 GRC Testimony Location
O&M	**CORPORATE CENTER - PENSION AND POSTRETIREMENT BENEFITS OTHER THAN PENSION**	**CORPORATE CENTER - PENSION AND POSTRETIREMENT BENEFITS OTHER THAN PENSION**				Yes			
O&M	CORPORATE CENTER - PENSION & PBOP	EMPLOYEE PENSION	Non-RAMP	Non-RAMP	Non-RAMP	No			
O&M	**CORPORATE CENTER - PENSION & PBOP**	**Subtotal EMPLOYEE PENSION**				Yes			

SoCalGas GAS DISTRIBUTION Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	RollUp	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date ($)
Capital	GAS DISTRIBUTION	GAS DISTRIBUTION				Yes			361,500	---	---	---	361,500	379,200	397,560	396,240	369,432	379,200
Capital	GAS DISTRIBUTION	CAPITAL TOOLS & EQUIPMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	Ongoing	Annual	9,083	---	---	---	9,083	13,797	14,201	16,627	15,066	13,797
Capital	GAS DISTRIBUTION	CAPITAL TOOLS & EQUIPMENT	Excavation Damage (Digln) on the Gas System	Locating Equipment (HP)	Overall	No	2	0	(3)	---	---	---	(3)	153	158	163	168	153
Capital	GAS DISTRIBUTION	CAPITAL TOOLS & EQUIPMENT	Excavation Damage (Digln) on the Gas System	Locating Equipment (MP)	Overall	No	2	0	(12)	---	---	---	(12)	644	663	683	703	644
Capital	**GAS DISTRIBUTION**	**SubTotal CAPITAL TOOLS & EQUIPMENT**				**Yes**			**9,067**	---	---	---	**9,067**	**14,594**	**15,022**	**15,472**	**15,937**	**14,594**
Capital	GAS DISTRIBUTION	CATHODIC PROTECTION (CP) CAPITAL	Incident Related to the Medium Pressure System (Including Digin)	Cathodic Protection-Install / Replace Impressed Current Systems	High Pressure Supply Lines	No	Ongoing	Annual	960	---	---	---	960	520	536	552	568	520
Capital	GAS DISTRIBUTION	CATHODIC PROTECTION (CP) CAPITAL	Incident Related to the Medium Pressure System (Including Digin)	Cathodic Protection-Install / Replace Impressed Current Systems	Medium Pressure Main - Steel	No	Ongoing	Annual	11,041	---	---	---	11,041	5,984	6,163	6,348	6,539	5,984
Capital	**GAS DISTRIBUTION**	**SubTotal CATHODIC PROTECTION (CP) CAPITAL**				**Yes**			**12,001**	---	---	---	**12,001**	**6,504**	**6,699**	**6,900**	**7,107**	**6,504**
Capital	GAS DISTRIBUTION	CCM DISTRIBUTION PROJECT	Incident Related to the Medium Pressure System (Including Digin)	CCM Distribution Field Asset Real Time Monitoring & Control Site Install/Upgrades & New Tech	MP Mains -Plastic & Steel	No	Ongoing	Annual	29,659	---	---	---	29,659	19,810	20,404	21,016	21,647	19,810
Capital	**GAS DISTRIBUTION**	**SubTotal CCM DISTRIBUTION PROJECT**				**Yes**			**29,659**	---	---	---	**29,659**	**19,810**	**20,404**	**21,016**	**21,647**	**19,810**
Capital	GAS DISTRIBUTION	ELECTRONIC PRESSURE MONITORS (EPM)	Incident Related to the Medium Pressure System (Including Digin)	EPM Installations & Replacements	High Pressure Supply Lines	No	Ongoing	Annual	196	---	---	---	196	104	107	110	114	104
Capital	GAS DISTRIBUTION	ELECTRONIC PRESSURE MONITORS (EPM)	Incident Related to the Medium Pressure System (Including Digin)	EPM Installations & Replacements	Medium Pressure Main - Plastic & Steel	No	Ongoing	Annual	320	---	---	---	320	167	172	177	182	167
Capital	**GAS DISTRIBUTION**	**SubTotal ELECTRONIC PRESSURE MONITORS (EPM)**				**Yes**			**516**	---	---	---	**516**	**271**	**279**	**287**	**296**	**271**
Capital	GAS DISTRIBUTION	SERVICE REPLACEMENTS	Non-RAMP	Non-RAMP	Non-RAMP	No	Ongoing	Annual	11,002	---	---	---	11,002	19,316	19,896	20,493	21,108	19,316
Capital	GAS DISTRIBUTION	SERVICE REPLACEMENTS	Incident Related to the Medium Pressure System (Including Digin)	Service Replacements - Leakage, Abnormal Op. Conditions, CP Related	High Pressure Supply Lines	No	Ongoing	Annual	460	---	---	---	460	158	163	168	173	158
Capital	GAS DISTRIBUTION	SERVICE REPLACEMENTS	Incident Related to the Medium Pressure System (Including Digin)	Service Replacements - Leakage, Abnormal Op. Conditions, CP Related	Medium Pressure Services - Plastic	No	Ongoing	Annual	32,843	---	---	---	32,843	22,974	23,663	24,373	25,104	22,974
Capital	**GAS DISTRIBUTION**	**SubTotal SERVICE REPLACEMENTS**				**Yes**			**45,206**	---	---	---	**45,206**	**42,448**	**43,721**	**45,034**	**46,385**	**42,448**
Capital	GAS DISTRIBUTION	FIELD CAPITAL SUPPORT	Non-RAMP	Non-RAMP	Non-RAMP	No	Ongoing	Annual	135,720	---	---	---	135,720	66,856	70,922	75,050	75,242	66,856
Capital	GAS DISTRIBUTION	FIELD CAPITAL SUPPORT	Excavation Damage (Digln) on the Gas System	Locate & Mark Annual Refresher Training and Competency Program (HP)	Overall	No	Ongoing	Annual	1	---	---	---	1	1	1	1	1	1
Capital	GAS DISTRIBUTION	FIELD CAPITAL SUPPORT	Excavation Damage (Digln) on the Gas System	Locate & Mark Annual Refresher Training and Competency Program (MP)	Overall	No	Ongoing	Annual	17	---	---	---	17	13	13	13	13	13
Capital	GAS DISTRIBUTION	FIELD CAPITAL SUPPORT	Excavation Damage (Digln) on the Gas System	Locate & Mark Training (HP)	N/A	No	Ongoing	Annual	5	---	---	---	5	9	9	9	9	9
Capital	GAS DISTRIBUTION	FIELD CAPITAL SUPPORT	Excavation Damage (Digln) on the Gas System	Locate & Mark Training (MP)	N/A	No	Ongoing	Annual	62	---	---	---	62	121	125	129	133	121
Capital	GAS DISTRIBUTION	FIELD CAPITAL SUPPORT	Incident Related to the Medium Pressure System (Including Digin)	Company Crew & Contractor Inspections on O&M & Capital Pipeline Jobs	Medium Pressure Main - Plastic & Steel	No	Ongoing	Annual	377	---	---	---	377	1,286	1,325	1,365	1,406	1,286

SoCalGas GAS DISTRIBUTION Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Project Life (Years)	Project Type	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date ($)
Capital	GAS DISTRIBUTION	FIELD CAPITAL SUPPORT	Excavation Damage (Digdis) on the Gas System	Company Excavator Training (HP)	N/A	No	On-going	Annual	2	---	---	---	2	11	11	11	11	11
Capital	GAS DISTRIBUTION	FIELD CAPITAL SUPPORT	Excavation Damage (Digdis) on the Gas System	Company Excavator Training (MP)	N/A	No	On-going	Annual	20	---	---	---	20	146	150	155	160	146
Capital	**GAS DISTRIBUTION**	**SubTotal FIELD CAPITAL SUPPORT**				Yes			**136,103**	---	---	---	**136,103**	**70,443**	**72,854**	**74,733**	**76,975**	**70,443**
Capital	GAS DISTRIBUTION	GAS ENERGY MEASUREMENT SYSTEMS (GEMS)	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	890	---	---	---	890	721	743	765	788	721
Capital	**GAS DISTRIBUTION**	**SubTotal GAS ENERGY MEASUREMENT SYSTEMS (GEMS)**				Yes			**890**	---	---	---	**890**	**721**	**743**	**765**	**788**	**721**
Capital	GAS DISTRIBUTION	MAIN & SERVICE ABANDONMENTS	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	11,089	---	---	---	11,089	11,856	12,212	12,578	12,955	11,856
Capital	**GAS DISTRIBUTION**	**SubTotal MAIN & SERVICE ABANDONMENTS**				Yes			**11,089**	---	---	---	**11,089**	**11,856**	**12,212**	**12,578**	**12,955**	**11,856**
Capital	GAS DISTRIBUTION	MAIN REPLACEMENTS	Incident Related to the Medium Pressure System (Excluding Digdis)	Main Replacements - Leakage, Abnormal Op. Conditions, CP Related	High Pressure Supply Lines	No	On-going	Annual	5,023	---	---	---	5,023	2,498	2,573	2,650	2,730	2,498
Capital	GAS DISTRIBUTION	MAIN REPLACEMENTS	Incident Related to the Medium Pressure System (Excluding Digdis)	Main Replacements - Leakage, Abnormal Op. Conditions, CP Related	Medium Pressure Mains - Plastic	No	On-going	Annual	7,841	---	---	---	7,841	14,533	14,967	15,416	15,879	14,533
Capital	GAS DISTRIBUTION	MAIN REPLACEMENTS	Incident Related to the Medium Pressure System (Excluding Digdis)	Main Replacements - Leakage, Abnormal Op. Conditions, CP Related	Medium Pressure Mains - Steel	No	On-going	Annual	3,033	---	---	---	3,033	535	551	568	585	535
Capital	**GAS DISTRIBUTION**	**SubTotal MAIN REPLACEMENTS**				Yes			**15,896**	---	---	---	**15,896**	**17,566**	**18,091**	**18,634**	**19,193**	**17,566**
Capital	GAS DISTRIBUTION	METER PROTECTION	Incident Related to the Medium Pressure System (Excluding Digdis)	Residential Meter Protection Program	Meter and Beyond the Meter	No	On-going	Annual	10,649	---	---	---	10,649	3,132	3,226	3,323	3,423	3,132
Capital	**GAS DISTRIBUTION**	**SubTotal METER PROTECTION**				Yes			**10,649**	---	---	---	**10,649**	**3,132**	**3,226**	**3,323**	**3,423**	**3,132**
Capital	GAS DISTRIBUTION	METERS	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	23,561	---	---	---	23,561	25,701	24,612	25,144	25,898	25,701
Capital	**GAS DISTRIBUTION**	**SubTotal METERS**				Yes			**23,561**	---	---	---	**23,561**	**25,701**	**24,612**	**25,144**	**25,898**	**25,701**
Capital	GAS DISTRIBUTION	REGULATORS	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	6,497	---	---	---	6,497	5,814	5,988	6,168	6,353	5,814
Capital	**GAS DISTRIBUTION**	**SubTotal REGULATORS**				Yes			**6,497**	---	---	---	**6,497**	**5,814**	**5,988**	**6,168**	**6,353**	**5,814**
Capital	GAS DISTRIBUTION	NEW BUSINESS CONSTRUCTION	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	12,548	---	---	---	12,548	26,271	24,999	25,749	26,521	26,271
Capital	**GAS DISTRIBUTION**	**SubTotal NEW BUSINESS CONSTRUCTION**				Yes			**12,548**	---	---	---	**12,548**	**26,271**	**24,999**	**25,749**	**26,521**	**26,271**
Capital	GAS DISTRIBUTION	REMOTE MTR READING	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	1,497	---	---	---	1,497	1,248	1,285	1,324	1,364	1,248
Capital	**GAS DISTRIBUTION**	**SubTotal REMOTE MTR READING**				Yes			**1,497**	---	---	---	**1,497**	**1,248**	**1,285**	**1,324**	**1,364**	**1,248**
Capital	GAS DISTRIBUTION	OTHER DISTRIBUTION CAPITAL PROJECTS	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	20,235	---	---	---	20,235	7,479	7,703	7,934	8,172	7,479
Capital	GAS DISTRIBUTION	OTHER DISTRIBUTION CAPITAL PROJECTS	Incident Related to the Medium Pressure System (Excluding Digdis)	Valve Installs and Replacements	High Pressure Supply Lines	No	On-going	Annual	1,657	---	---	---	1,657	898	917	944	972	898
Capital	GAS DISTRIBUTION	OTHER DISTRIBUTION CAPITAL PROJECTS	Incident Related to the Medium Pressure System (Excluding Digdis)	Valve Installs and Replacements	Medium Pressure Mains - Plastic & Steel	No	On-going	Annual	425	---	---	---	425	649	668	688	705	649
Capital	**GAS DISTRIBUTION**	**SubTotal OTHER DISTRIBUTION CAPITAL PROJECTS**				Yes			**22,317**	---	---	---	**22,317**	**9,026**	**9,288**	**9,562**	**9,849**	**9,026**
Capital	GAS DISTRIBUTION	PIPELINE RELOCATIONS – FRANCHISE	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	28,743	---	---	---	28,743	17,605	18,193	18,741	19,303	17,605
Capital	**GAS DISTRIBUTION**	**SubTotal PIPELINE RELOCATIONS – FRANCHISE**				Yes			**28,743**	---	---	---	**28,743**	**17,605**	**18,193**	**18,741**	**19,303**	**17,605**

SoCalGas GAS DISTRIBUTION Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll up	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date ($)
Capital	GAS DISTRIBUTION	PIPELINE RELOCATIONS – FREEWAY	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	859	---	---	---	859	1,897	1,954	2,012	2,072	1,897
Capital	**GAS DISTRIBUTION**	**SubTotal PIPELINE RELOCATIONS – FREEWAY**				**Yes**			**859**	---	---	---	**859**	**1,897**	**1,954**	**2,012**	**2,072**	**1,897**
Capital	GAS DISTRIBUTION	PRESSURE BETTERMENTS	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	4,077	---	---	---	4,077	---	---	---	---	---
Capital	**GAS DISTRIBUTION**	**SubTotal PRESSURE BETTERMENTS**				**Yes**			**4,077**	---	---	---	**4,077**	---	---	---	---	---
Capital	GAS DISTRIBUTION	REGULATOR STATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	5,719	---	---	---	5,719	5,716	5,887	6,064	6,246	5,716
Capital	GAS DISTRIBUTION	REGULATOR STATIONS	Incident Related to the Medium Pressure System (Including Digs)	Regulator Station Installation & Replacement	High Pressure Supply Lines	No	On-going	Annual	0	---	---	---	0	255	263	270	279	255
Capital	GAS DISTRIBUTION	REGULATOR STATIONS	Incident Related to the Medium Pressure System (Including Digs)	Regulator Station Installation & Replacement	Medium Pressure Main - Plastic & Steel	No	On-going	Annual	4,964	---	---	---	4,964	2,292	2,360	2,432	2,504	2,292
Capital	**GAS DISTRIBUTION**	**SubTotal REGULATOR STATIONS**				**Yes**			**10,683**	---	---	---	**10,683**	**8,263**	**8,510**	**8,766**	**9,029**	**8,263**

SoCalGas GAS DISTRIBUTION Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	RollUp	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference ($)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
Capital	GAS DISTRIBUTION	GAS DISTRIBUTION				Yes	14,263	19,924	296,369	(66,649)	11,276	2.7%	100%	100%	100%	2.3%
Capital	GAS DISTRIBUTION	CAPITAL TOOLS & EQUIPMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	(4,704)	(14,201)	(14,627)	(15,066)	(4,704)	-34%	-100%	-100%	-100%	-34%
Capital	GAS DISTRIBUTION	CAPITAL TOOLS & EQUIPMENT	Excavation Damage (Dig-In) on the Gas System	Locating Equipment (HP)	Overall	No	(156)	(158)	(163)	(168)	(156)	-102%	-100%	-100%	-100%	-102%
Capital	GAS DISTRIBUTION	CAPITAL TOOLS & EQUIPMENT	Excavation Damage (Dig-In) on the Gas System	Locating Equipment (MP)	Overall	No	(656)	(663)	(680)	(703)	(656)	-102%	-100%	-100%	-100%	-102%
Capital	**GAS DISTRIBUTION**	**SubTotal CAPITAL TOOLS & EQUIPMENT**				**Yes**	**(5,517)**	**(15,022)**	**(15,473)**	**(15,937)**	**(5,517)**	**-38%**	**-100%**	**-100%**	**-100%**	**-38%**
Capital	GAS DISTRIBUTION	CATHODIC PROTECTION (CP) CAPITAL	Incident Related to the Medium Pressure System (Including Digin)	Cathodic Protection-Install / Replace Impressed Current Systems	High Pressure Supply Lines	No	440	(536)	(552)	(568)	440	85%	-100%	-100%	-100%	85%
Capital	GAS DISTRIBUTION	CATHODIC PROTECTION (CP) CAPITAL	Incident Related to the Medium Pressure System (Including Digin)	Cathodic Protection-Install / Replace Impressed Current Systems	Medium Pressure Main - Steel	No	5,057	(6,163)	(6,348)	(6,539)	5,057	85%	-100%	-100%	-100%	85%
Capital	**GAS DISTRIBUTION**	**SubTotal CATHODIC PROTECTION (CP) CAPITAL**				**Yes**	**5,497**	**(6,699)**	**(6,900)**	**(7,107)**	**5,497**	**85%**	**-100%**	**-100%**	**-100%**	**85%**
Capital	GAS DISTRIBUTION	CCM DISTRIBUTION PROJECT	Incident Related to the Medium Pressure System (Including Digin)	CCM Distribution Field Asset Real Time Monitoring & Control Site Install/Upgrades & New Tech	MP Mains -Plastic & Steel	No	9,849	(20,404)	(21,016)	(21,647)	9,849	50%	-100%	-100%	-100%	50%
Capital	**GAS DISTRIBUTION**	**SubTotal CCM DISTRIBUTION PROJECT**				**Yes**	**9,849**	**(20,404)**	**(21,016)**	**(21,647)**	**9,849**	**50%**	**-100%**	**-100%**	**-100%**	**50%**
Capital	GAS DISTRIBUTION	ELECTRONIC PRESSURE MONITORS (EPM)	Incident Related to the Medium Pressure System (Including Digin)	EPM Installations & Replacements	High Pressure Supply Lines	No	92	(107)	(110)	(114)	92	89%	-100%	-100%	-100%	89%
Capital	GAS DISTRIBUTION	ELECTRONIC PRESSURE MONITORS (EPM)	Incident Related to the Medium Pressure System (Including Digin)	EPM Installations & Replacements	Medium Pressure Main - Plastic & Steel	No	153	(172)	(177)	(182)	153	92%	-100%	-100%	-100%	92%
Capital	**GAS DISTRIBUTION**	**SubTotal ELECTRONIC PRESSURE MONITORS (EPM)**				**Yes**	**245**	**(279)**	**(287)**	**(296)**	**245**	**90%**	**-100%**	**-100%**	**-100%**	**90%**
Capital	GAS DISTRIBUTION	SERVICE REPLACEMENTS	Non-RAMP	Non-RAMP	Non-RAMP	No	(7,414)	(19,896)	(20,495)	(21,108)	(7,414)	-38%	-100%	-100%	-100%	-38%
Capital	GAS DISTRIBUTION	SERVICE REPLACEMENTS	Incident Related to the Medium Pressure System (Including Digin)	Service Replacements - Leakage, Abnormal Op. Conditions, CP Related	High Pressure Supply Lines	No	302	(163)	(168)	(173)	302	191%	-100%	-100%	-100%	191%
Capital	GAS DISTRIBUTION	SERVICE REPLACEMENTS	Incident Related to the Medium Pressure System (Including Digin)	Service Replacements - Leakage, Abnormal Op. Conditions, CP Related	Medium Pressure Services - Plastic	No	9,869	(23,663)	(24,373)	(25,104)	9,869	43%	-100%	-100%	-100%	43%
Capital	**GAS DISTRIBUTION**	**SubTotal SERVICE REPLACEMENTS**				**Yes**	**2,758**	**(43,723)**	**(45,036)**	**(46,385)**	**2,758**	**6%**	**-100%**	**-100%**	**-100%**	**6%**
Capital	GAS DISTRIBUTION	FIELD CAPITAL SUPPORT	Non-RAMP	Non-RAMP	Non-RAMP	No	66,864	(70,922)	(73,050)	(75,242)	66,864	97%	-100%	-100%	-100%	97%
Capital	GAS DISTRIBUTION	FIELD CAPITAL SUPPORT	Excavation Damage (Dig-In) on the Gas System	Locate & Mark Annual Refresher Training and Competency Program (HP)	Overall	No	0	(1)	(1)	(1)	0	29%	-100%	-100%	-100%	29%
Capital	GAS DISTRIBUTION	FIELD CAPITAL SUPPORT	Excavation Damage (Dig-In) on the Gas System	Locate & Mark Annual Refresher Training and Competency Program (MP)	Overall	No	4	(13)	(13)	(13)	4	31%	-100%	-100%	-100%	31%
Capital	GAS DISTRIBUTION	FIELD CAPITAL SUPPORT	Excavation Damage (Dig-In) on the Gas System	Locate & Mark Training (HP)	N/A	No	(4)	(9)	(9)	(9)	(4)	-49%	-100%	-100%	-100%	-49%
Capital	GAS DISTRIBUTION	FIELD CAPITAL SUPPORT	Excavation Damage (Dig-In) on the Gas System	Locate & Mark Training (MP)	N/A	No	(58)	(125)	(129)	(133)	(58)	-49%	-100%	-100%	-100%	-49%
Capital	GAS DISTRIBUTION	FIELD CAPITAL SUPPORT	Incident Related to the Medium Pressure System (Including Digin)	Company Crew & Contractor Inspections on O&M & Capital Pipeline Jobs	Medium Pressure Main - Plastic & Steel	No	(900)	(1,325)	(1,365)	(1,406)	(900)	-71%	-100%	-100%	-100%	-71%

SoCalGas GAS DISTRIBUTION Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference ($)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
Capital	GAS DISTRIBUTION	FIELD CAPITAL SUPPORT	Excavation Damage (Digdis) on the Gas System	Company Excavator Training (HP)	N/A	No	(9)	(11)	(11)	(11)	(9)	-86%	-100%	-100%	-100%	-86%
Capital	GAS DISTRIBUTION	FIELD CAPITAL SUPPORT	Excavation Damage (Digdis) on the Gas System	Company Excavator Training (MP)	N/A	No	(126)	(150)	(151)	(160)	(126)	-86%	-100%	-100%	-100%	-86%
Capital	**GAS DISTRIBUTION**	**SubTotal FIELD CAPITAL SUPPORT**				**Yes**	**65,760**	**(72,856)**	**(74,733)**	**(76,978)**	**65,760**	**9.3%**	**-100%**	**-100%**	**-100%**	**9.3%**
Capital	GAS DISTRIBUTION	GAS ENERGY MEASUREMENT SYSTEMS (GEMS)	Non-RAMP	NonRAMP	Non-RAMP	No	169	(743)	(705)	(760)	169	23%	-100%	-100%	-100%	23%
Capital	**GAS DISTRIBUTION**	**SubTotal GAS ENERGY MEASUREMENT SYSTEMS (GEMS)**				**Yes**	**169**	**(743)**	**(705)**	**(760)**	**169**	**2.3%**	**-100%**	**-100%**	**-100%**	**2.3%**
Capital	GAS DISTRIBUTION	MAIN & SERVICE ABANDONMENTS	Non-RAMP	NonRAMP	Non-RAMP	No	(767)	(12,212)	(12,578)	(12,955)	(767)	-6%	-100%	-100%	-100%	-6%
Capital	**GAS DISTRIBUTION**	**SubTotal MAIN & SERVICE ABANDONMENTS**				**Yes**	**(767)**	**(12,212)**	**(12,578)**	**(12,955)**	**(767)**	**-6%**	**-100%**	**-100%**	**-100%**	**-6%**
Capital	GAS DISTRIBUTION	MAIN REPLACEMENTS	Incident Related to the Medium Pressure System (Excluding Digdis)	Main Replacements - Leakage, Abnormal Op. Conditions, CP Related	High Pressure Supply Lines	No	2,525	(2,573)	(2,650)	(2,730)	2,525	101%	-100%	-100%	-100%	101%
Capital	GAS DISTRIBUTION	MAIN REPLACEMENTS	Incident Related to the Medium Pressure System (Excluding Digdis)	Main Replacements - Leakage, Abnormal Op. Conditions, CP Related	Medium Pressure Main - Plastic	No	(6,690)	(14,967)	(15,416)	(15,878)	(6,690)	-46%	-100%	-100%	-100%	-46%
Capital	GAS DISTRIBUTION	MAIN REPLACEMENTS	Incident Related to the Medium Pressure System (Excluding Digdis)	Main Replacements - Leakage, Abnormal Op. Conditions, CP Related	Medium Pressure Main - Steel	No	2,498	(551)	(568)	(585)	2,498	467%	-100%	-100%	-100%	467%
Capital	**GAS DISTRIBUTION**	**SubTotal MAIN REPLACEMENTS**				**Yes**	**(1,668)**	**(18,091)**	**(18,634)**	**(19,193)**	**(1,668)**	**-9%**	**-100%**	**-100%**	**-100%**	**-9%**
Capital	GAS DISTRIBUTION	METER PROTECTION	Incident Related to the Medium Pressure System (Excluding Digdis)	Residential Meter Protection Program	Meter and Beyond the Meter	No	7,517	(3,226)	(3,323)	(3,423)	7,517	240%	-100%	-100%	-100%	240%
Capital	**GAS DISTRIBUTION**	**SubTotal METER PROTECTION**				**Yes**	**7,517**	**(3,226)**	**(3,323)**	**(3,423)**	**7,517**	**240%**	**-100%**	**-100%**	**-100%**	**240%**
Capital	GAS DISTRIBUTION	METERS	Non-RAMP	NonRAMP	Non-RAMP	No	(140)	(24,412)	(25,146)	(25,898)	(140)	-1%	-100%	-100%	-100%	-1%
Capital	**GAS DISTRIBUTION**	**SubTotal METERS**				**Yes**	**(140)**	**(24,412)**	**(25,146)**	**(25,898)**	**(140)**	**-1%**	**-100%**	**-100%**	**-100%**	**-1%**
Capital	GAS DISTRIBUTION	REGULATORS	Non-RAMP	NonRAMP	Non-RAMP	No	683	(5,988)	(6,168)	(6,353)	683	12%	-100%	-100%	-100%	12%
Capital	**GAS DISTRIBUTION**	**SubTotal REGULATORS**				**Yes**	**683**	**(5,988)**	**(6,168)**	**(6,353)**	**6.83**	**1.2%**	**-100%**	**-100%**	**-100%**	**1.2%**
Capital	GAS DISTRIBUTION	NEW BUSINESS CONSTRUCTION	Non-RAMP	NonRAMP	Non-RAMP	No	(11,723)	(24,999)	(25,749)	(26,521)	(11,723)	-48%	-100%	-100%	-100%	-48%
Capital	**GAS DISTRIBUTION**	**SubTotal NEW BUSINESS CONSTRUCTION**				**Yes**	**(11,723)**	**(24,999)**	**(25,749)**	**(26,521)**	**(11,723)**	**-48%**	**-100%**	**-100%**	**-100%**	**-48%**
Capital	GAS DISTRIBUTION	REMOTE MTR READING	NonRAMP	NonRAMP	Non-RAMP	No	249	(1,285)	(1,324)	(1,364)	249	20%	-100%	-100%	-100%	20%
Capital	**GAS DISTRIBUTION**	**SubTotal REMOTE MTR READING**				**Yes**	**249**	**(1,285)**	**(1,324)**	**(1,364)**	**2.49**	**2.0%**	**-100%**	**-100%**	**-100%**	**2.0%**
Capital	GAS DISTRIBUTION	OTHER DISTRIBUTION CAPITAL PROJECTS	Non-RAMP	NonRAMP	Non-RAMP	No	12,756	(7,703)	(7,936)	(8,172)	12,756	171%	-100%	-100%	-100%	171%
Capital	GAS DISTRIBUTION	OTHER DISTRIBUTION CAPITAL PROJECTS	Incident Related to the Medium Pressure System (Excluding Digdis)	Valve Installs and Replacements	High Pressure Supply Lines	No	767	(917)	(940)	(972)	767	86%	-100%	-100%	-100%	86%
Capital	GAS DISTRIBUTION	OTHER DISTRIBUTION CAPITAL PROJECTS	Incident Related to the Medium Pressure System (Excluding Digdis)	Valve Installs and Replacements	Medium Pressure Main - Plastic & Steel	No	(220)	(664)	(680)	(705)	(220)	-34%	-100%	-100%	-100%	-34%
Capital	**GAS DISTRIBUTION**	**SubTotal OTHER DISTRIBUTION CAPITAL PROJECTS**				**Yes**	**13,303**	**(9,284)**	**(9,562)**	**(9,849)**	**13,303**	**140%**	**-100%**	**-100%**	**-100%**	**140%**
Capital	GAS DISTRIBUTION	PIPELINE RELOCATIONS – FRANCHISE	Non-RAMP	NonRAMP	Non-RAMP	No	11,078	(18,195)	(18,741)	(19,303)	11,078	63%	-100%	-100%	-100%	63%
Capital	**GAS DISTRIBUTION**	**SubTotal PIPELINE RELOCATIONS – FRANCHISE**				**Yes**	**11,078**	**(18,195)**	**(18,741)**	**(19,303)**	**11,078**	**6.3%**	**-100%**	**-100%**	**-100%**	**6.3%**

SoCalGas GAS DISTRIBUTION Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference ($)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
Capital	GAS DISTRIBUTION	PIPELINE RELOCATIONS – FREEWAY	Non-RAMP	Non-RAMP	Non-RAMP	No	(1,038)	(1,954)	(2,012)	(2,072)	(1,038)	-55%	-100%	-100%	-100%	-55%
Capital	**GAS DISTRIBUTION**	**SubTotal PIPELINE RELOCATIONS – FREEWAY**				**Yes**	**(1,038)**	**(1,954)**	**(2,012)**	**(2,072)**	**(1,038)**	**-55%**	**-100%**	**-100%**	**-100%**	**-55%**
Capital	GAS DISTRIBUTION	PRESSURE BETTERMENTS	Non-RAMP	Non-RAMP	Non-RAMP	No	4,077	—	—	—	4,077	100%	—%	—%	—%	100%
Capital	**GAS DISTRIBUTION**	**SubTotal PRESSURE BETTERMENTS**				**Yes**	**4,077**	**—**	**—**	**—**	**4,077**	**100%**	**—%**	**—%**	**—%**	**100%**
Capital	GAS DISTRIBUTION	REGULATOR STATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	3	(5,887)	(6,066)	(6,246)	3	0%	-100%	-100%	-100%	0%
Capital	GAS DISTRIBUTION	REGULATOR STATIONS	Incident Related to the Medium Pressure System (Including Digs)	Regulator Station Installation & Replacement	High Pressure Supply Lines	No	(255)	(263)	(270)	(279)	(255)	-100%	-100%	-100%	-100%	-100%
Capital	GAS DISTRIBUTION	REGULATOR STATIONS	Incident Related to the Medium Pressure System (Including Digs)	Regulator Station Installation & Replacement	Medium Pressure Main - Plastic & Steel	No	2,672	(2,360)	(2,432)	(2,504)	2,672	117%	-100%	-100%	-100%	117%
Capital	**GAS DISTRIBUTION**	**SubTotal REGULATOR STATIONS**				**Yes**	**2,420**	**(8,510)**	**(8,766)**	**(9,029)**	**2,420**	**19%**	**-100%**	**-100%**	**-100%**	**19%**

SoCalGas GAS DISTRIBUTION Capital

Type	Witness Area (Date of Exercise)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
Capital	GAS DISTRIBUTION	GAS DISTRIBUTION				Yes																					
Capital	GAS DISTRIBUTION	CAPITAL TOOLS & EQUIPMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	This activity consists of various capital expenditures associated with the purchase of tools and equipment used by field personnel for the inspection, maintenance, and repair of gas pipeline systems. The range of costs and types of equipment makes it infeasible to identify a single unit of measurement.																				
Capital	GAS DISTRIBUTION	CAPITAL TOOLS & EQUIPMENT	Excavation Damage (Digdin) on the Gas System	Locating Equipment (HP)	Overall	No	Equipment	---				---	17				17	(17)	0	0	0	(17)	(100)%	0 %	0 %	0 %	(100)%
Capital	GAS DISTRIBUTION	CAPITAL TOOLS & EQUIPMENT	Excavation Damage (Digdin) on the Gas System	Locating Equipment (MP)	Overall	No	Equipment	---				---	71				71	(71)	0	0	0	(71)	(100)%	0 %	0 %	0 %	(100)%
Capital	GAS DISTRIBUTION	SubTotal CAPITAL TOOLS & EQUIPMENT				Yes																					
Capital	GAS DISTRIBUTION	CATHODIC PROTECTION (CP) CAPITAL	Incident Related to the Medium Pressure System (Excluding Digdin)	Cathodic Protection-Install / Replace Impressed Current Systems	High Pressure Supply Lines	No	Work orders	52				52	41				41	11	0	0	0	11	27 %	0 %	0 %	0 %	27 %
Capital	GAS DISTRIBUTION	CATHODIC PROTECTION (CP) CAPITAL	Incident Related to the Medium Pressure System (Excluding Digdin)	Cathodic Protection-Install / Replace Impressed Current Systems	Medium Pressure Main - Steel	No	Work orders	596				596	477				477	119	0	0	0	119	25 %	0 %	0 %	0 %	25 %
Capital	GAS DISTRIBUTION	SubTotal CATHODIC PROTECTION (CP) CAPITAL				Yes																					
Capital	GAS DISTRIBUTION	CCM DISTRIBUTION PROJECT	Incident Related to the Medium Pressure System (Excluding Digdin)	CCM Distribution Field Asset Real Time Monitoring & Control Site Install/Upgrades & New Tech	MP Mains -Plastic & Steel	No	This workpaper encompasses a range of activities designed to create a more comprehensive view of the overall gas system for Gas Control. These activities include enhancements to Distribution Regulator Stations (DRS), the implementation of advanced control room technologies and hardware, and the integration of electronic pressure monitors (EPM) and meter data into Gas Control. Together, these initiatives aim to provide a more comprehensive and detailed view of the gas system. Due to the diverse nature of these activities, it is infeasible to identify a single unit of measurement.																	
Capital	GAS DISTRIBUTION	SubTotal CCM DISTRIBUTION PROJECT				Yes																					
Capital	GAS DISTRIBUTION	ELECTRONIC PRESSURE MONITORS (EPM)	Incident Related to the Medium Pressure System (Excluding Digdin)	EPM Installations & Replacements	High Pressure Supply Lines	No	EPM Installations/ Replacements	65				65	31				31	34	0	0	0	34	110 %	0 %	0 %	0 %	110 %
Capital	GAS DISTRIBUTION	ELECTRONIC PRESSURE MONITORS (EPM)	Incident Related to the Medium Pressure System (Excluding Digdin)	EPM Installations & Replacements	Medium Pressure Main - Plastic & Steel	No	EPM Installations/ Replacements	105				105	49				49	56	0	0	0	56	114 %	0 %	0 %	0 %	114 %
Capital	GAS DISTRIBUTION	SubTotal ELECTRONIC PRESSURE MONITORS (EPM)				Yes																					
Capital	GAS DISTRIBUTION	SERVICE REPLACEMENTS	Non-RAMP	Non-RAMP	Non-RAMP	No	Work orders	1,579				1,579	1,365				1,365	214	0	0	0	214	16 %	0 %	0 %	0 %	16 %
Capital	GAS DISTRIBUTION	SERVICE REPLACEMENTS	Incident Related to the Medium Pressure System (Excluding Digdin)	Service Replacements - Leakage, Abnormal Op. Conditions, CP Related	High Pressure Supply Lines	No	Replacements	24				24	4				4	20	0	0	0	20	500 %	0 %	0 %	0 %	500 %
Capital	GAS DISTRIBUTION	SERVICE REPLACEMENTS	Incident Related to the Medium Pressure System (Excluding Digdin)	Service Replacements - Leakage, Abnormal Op. Conditions, CP Related	Medium Pressure Services - Plastic	No	Replacements	3,947				3,947	2,235				2,235	1,712	0	0	0	1,712	77 %	0 %	0 %	0 %	77 %
Capital	GAS DISTRIBUTION	SubTotal SERVICE REPLACEMENTS				Yes																					
Capital	GAS DISTRIBUTION	FIELD CAPITAL SUPPORT	Non-RAMP	Non-RAMP	Non-RAMP	No	This work category consists of the labor and non-labor funding for a broad range of services to support Gas Distribution field capital asset construction. It is infeasible to identify a single unit of measure.																				
Capital	GAS DISTRIBUTION	FIELD CAPITAL SUPPORT	Excavation Damage (Digdin) on the Gas System	Locate & Mark Annual Refresher Training and Competency Program (HP)	Overall	No	Hours - training	30				30	20				20	10	0	0	0	10	50 %	0 %	0 %	0 %	50 %
Capital	GAS DISTRIBUTION	FIELD CAPITAL SUPPORT	Excavation Damage (Digdin) on the Gas System	Locate & Mark Annual Refresher Training and Competency Program (MP)	Overall	No	Hours - training	394				394	37				37	357	0	0	0	357	965 %	0 %	0 %	0 %	965 %
Capital	GAS DISTRIBUTION	FIELD CAPITAL SUPPORT	Excavation Damage (Digdin) on the Gas System	Locate & Mark Training (HP)	N/A	No	Hours - training	95				95	200				200	(105)	0	0	0	(105)	(53)%	0 %	0 %	0 %	(53)%
Capital	GAS DISTRIBUTION	FIELD CAPITAL SUPPORT	Excavation Damage (Digdin) on the Gas System	Locate & Mark Training (MP)	N/A	No	Hours - training	1,259				1,259	2,653				2,653	(1,394)	0	0	0	(1,394)	(53)%	0 %	0 %	0 %	(53)%
Capital	GAS DISTRIBUTION	FIELD CAPITAL SUPPORT	Incident Related to the Medium Pressure System (Excluding Digdin)	Company Crew & Contractor Inspections on O&M & Capital Pipeline Jobs	Medium Pressure Main - Plastic & Steel	No	Inspections	4,682				4,682	13,843				13,843	(9,161)	0	0	0	(9,161)	(66)%	0 %	0 %	0 %	(66)%

SoCalGas GAS DISTRIBUTION Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
Capital	GAS DISTRIBUTION	FIELD CAPITAL SUPPORT	Excavation Damage (Digdis) on the Gas System	Company Excavator Training (HP)	N/A	No	Hours - training	24				24	313				313	(289)	0	0	0	(289)	(92)%	0 %	0 %	0 %	(92)%
Capital	GAS DISTRIBUTION	FIELD CAPITAL SUPPORT	Excavation Damage (Digdis) on the Gas System	Company Excavator Training (MP)	N/A	No	Hours - training	319				319	2,339				2,339	(2,020)	0	0	0	(2,020)	(86)%	0 %	0 %	0 %	(86)%
Capital	**GAS DISTRIBUTION**	**SubTotal FIELD CAPITAL SUPPORT**				**Yes**																					
Capital	GAS DISTRIBUTION	GAS ENERGY MEASUREMENT SYSTEMS (GEMS)	Non-RAMP	NonRAMP	Non-RAMP	No	GEMS units installed	797				797	329				329	468	0	0	0	468	142 %	0 %	0 %	0 %	142 %
Capital	**GAS DISTRIBUTION**	**SubTotal GAS ENERGY MEASUREMENT SYSTEMS (GEMS)**				**Yes**																					
Capital	GAS DISTRIBUTION	MAIN & SERVICE ABANDONMENTS	Non-RAMP	NonRAMP	Non-RAMP	No	Field completed projects - main & service abandonment	3,583				3,583	4,343				4,343	(760)	0	0	0	(760)	(17)%	0 %	0 %	0 %	(17)%
Capital	**GAS DISTRIBUTION**	**SubTotal MAIN & SERVICE ABANDONMENTS**				**Yes**																					
Capital	GAS DISTRIBUTION	MAIN REPLACEMENTS	Incident Related to the Medium Pressure System (Excluding Digdis)	Main Replacements - Leakage, Abnormal Op. Conditions, CP Related	High Pressure Supply Lines	No	Feet	324				324	1,646				1,646	(1,322)	0	0	0	(1,322)	(80)%	0 %	0 %	0 %	(80)%
Capital	GAS DISTRIBUTION	MAIN REPLACEMENTS	Incident Related to the Medium Pressure System (Excluding Digdis)	Main Replacements - Leakage, Abnormal Op. Conditions, CP Related	Medium Pressure Mains - Plastic	No	Feet	34,930				34,930	50,598				50,598	(15,668)	0	0	0	(15,668)	(31)%	0 %	0 %	0 %	(31)%
Capital	GAS DISTRIBUTION	MAIN REPLACEMENTS	Incident Related to the Medium Pressure System (Excluding Digdis)	Main Replacements - Leakage, Abnormal Op. Conditions, CP Related	Medium Pressure Mains - Steel	No	Feet	3,605				3,605	1,080				1,080	2,525	0	0	0	2,525	234 %	0 %	0 %	0 %	234 %
Capital	**GAS DISTRIBUTION**	**SubTotal MAIN REPLACEMENTS**				**Yes**																					
Capital	GAS DISTRIBUTION	METER PROTECTION	Incident Related to the Medium Pressure System (Excluding Digdis)	Residential Meter Protection Program	Meter and Beyond the Meter	No	Regsim - meter protection sites mitigated	11,341				11,341	3,780				3,780	7,561	0	0	0	7,561	200 %	0 %	0 %	0 %	200 %
Capital	**GAS DISTRIBUTION**	**SubTotal METER PROTECTION**				**Yes**																					
Capital	GAS DISTRIBUTION	METERS	Non-RAMP	NonRAMP	Non-RAMP	No	Meters	87,266				87,266	68,171				68,171	19,095	0	0	0	19,095	28 %	0 %	0 %	0 %	28 %
Capital	**GAS DISTRIBUTION**	**SubTotal METERS**				**Yes**																					
Capital	GAS DISTRIBUTION	REGULATORS	Non-RAMP	NonRAMP	Non-RAMP	No	Regulators purchased	57,505				57,505	62,727				62,727	(5,222)	0	0	0	(5,222)	(8)%	0 %	0 %	0 %	(8)%
Capital	**GAS DISTRIBUTION**	**SubTotal REGULATORS**				**Yes**																					
Capital	GAS DISTRIBUTION	NEW BUSINESS CONSTRUCTION	Non-RAMP	NonRAMP	Non-RAMP	No	New business meters installed	26,224				26,224	29,620				29,620	(3,396)	0	0	0	(3,396)	(11)%	0 %	0 %	0 %	(11)%
Capital	**GAS DISTRIBUTION**	**SubTotal NEW BUSINESS CONSTRUCTION**				**Yes**																					
Capital	GAS DISTRIBUTION	REMOTE MTR READING	NonRAMP	NonRAMP	Non-RAMP	No	Data Collection Unit (DCU) Installations	33				33	40				40	(7)	0	0	0	(7)	(18)%	0 %	0 %	0 %	(18)%
Capital	**GAS DISTRIBUTION**	**SubTotal REMOTE MTR READING**				**Yes**																					
Capital	GAS DISTRIBUTION	OTHER DISTRIBUTION CAPITAL PROJECTS	Non-RAMP	NonRAMP	Non-RAMP	No	This non-RAMP activity is tracked by work orders that are initiated for capital relocations of SoCalGas facilities, not specifically included in franchise agreements or franchise work, and covers a wide variety of work and corresponding costs associated with collectible and non-collectible construction projects (e.g., related to relocation of service lines, MSAs, replacement or alterations of vaults, drips, taps, roads, fences and Excess Flow Valves (EFV)). The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																
Capital	GAS DISTRIBUTION	OTHER DISTRIBUTION CAPITAL PROJECTS	Incident Related to the Medium Pressure System (Excluding Digdis)	Valve Installs and Replacements	High Pressure Supply Lines	No	Installation or replacements	8				8	7				7	1	0	0	0	1	14 %	0 %	0 %	0 %	14 %
Capital	GAS DISTRIBUTION	OTHER DISTRIBUTION CAPITAL PROJECTS	Incident Related to the Medium Pressure System (Excluding Digdis)	Valve Installs and Replacements	Medium Pressure Mains - Plastic & Steel	No	Installation or replacements	12				12	9				9	3	0	0	0	3	33 %	0 %	0 %	0 %	33 %
Capital	**GAS DISTRIBUTION**	**SubTotal OTHER DISTRIBUTION CAPITAL PROJECTS**				**Yes**																					
Capital	GAS DISTRIBUTION	PIPELINE RELOCATIONS – FRANCHISE	Non-RAMP	NonRAMP	Non-RAMP	No	Field Completed Projects -Franchise related work	177				177	177				177	0	0	0	0	—	0 %	0 %	0 %	0 %	0 %
Capital	**GAS DISTRIBUTION**	**SubTotal PIPELINE RELOCATIONS – FRANCHISE**				**Yes**																					

SoCalGas GAS DISTRIBUTION Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
Capital	GAS DISTRIBUTION	PIPELINE RELOCATIONS – FREEWAY	Non-RAMP	Non-RAMP	Non-RAMP	No	Field Completed Projects - Freeway related work	8				8	8				8	0	0	0	0	—	0 %	0 %	0 %	0 %	0 %
Capital	**GAS DISTRIBUTION**	**SubTotal PIPELINE RELOCATIONS – FREEWAY**				Yes																					
Capital	GAS DISTRIBUTION	PRESSURE BETTERMENTS	Non-RAMP	Non-RAMP	Non-RAMP	No	Field Completed Projects - Pressure Betterments	7				7	—				—	7	0	0	0	7	100 %	0 %	0 %	0 %	100 %
Capital	**GAS DISTRIBUTION**	**SubTotal PRESSURE BETTERMENTS**				Yes																					
Capital	GAS DISTRIBUTION	REGULATOR STATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	Orders	8				8	9				9	(1)	0	0	0	(1)	(11)%	0 %	0 %	0 %	(11)%
Capital	GAS DISTRIBUTION	REGULATOR STATIONS	Incident Related to the Medium Pressure System (Including Digs)	Regulator Station Installation & Replacement	High Pressure Supply Lines	No	Replacements	—				—	1				1	(1)	0	0	0	(1)	(100)%	0 %	0 %	0 %	(100)%
Capital	GAS DISTRIBUTION	REGULATOR STATIONS	Incident Related to the Medium Pressure System (Including Digs)	Regulator Station Installation & Replacement	Medium Pressure Main - Plastic & Steel	No	Replacements	6				6	7				7	(1)	0	0	0	(1)	(14)%	0 %	0 %	0 %	(14)%
Capital	**GAS DISTRIBUTION**	**SubTotal REGULATOR STATIONS**				Yes																					

SoCalGas GAS DISTRIBUTION Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	ReSupp	Safety, Reliability, or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status	Status Variance Explanation Required?
Capital	GAS DISTRIBUTION	GAS DISTRIBUTION				Yes										
Capital	GAS DISTRIBUTION	CAPITAL TOOLS & EQUIPMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	YES	NO	Due to supply chain delays, projects were delayed resulting in a variance in 2024.	N/A	On Target (T)	On Target (T)	Under (U)	Proceeding as Planned	NO
Capital	GAS DISTRIBUTION	CAPITAL TOOLS & EQUIPMENT	Excavation Damage (Digin) on the Gas System	Loaning Equipment (HP)	Overall	No	YES	NO	YES	N/A	The RAMP activity timeline has been pushed out to 2026-2027. This project is still expected to be completed within the current GRC cycle.	On Target (T)	Under (U)	Under (U)	Proceeding as Planned	YES
Capital	GAS DISTRIBUTION	CAPITAL TOOLS & EQUIPMENT	Excavation Damage (Digin) on the Gas System	Loaning Equipment (MP)	Overall	No	YES	NO	YES	N/A	The RAMP activity timeline has been pushed out to 2026-2027. This project is still expected to be completed within the current GRC cycle.	On Target (T)	Under (U)	Under (U)	Proceeding as Planned	YES
Capital	**GAS DISTRIBUTION**	**SubTotal CAPITAL TOOLS & EQUIPMENT**				**Yes**	**YES**	**YES**								**NO**
Capital	GAS DISTRIBUTION	CATHODIC PROTECTION (CP) CAPITAL	Incident Related to the Medium Pressure System (Including Digin)	Cathodic Protection-Install / Replace Impressed Current Systems	High Pressure Supply Lines	No	YES	NO	YES	N/A	The variance in Cathodic Protection (CP) is primarily attributed to the increased capital work to mitigate CP areas out of tolerance as well as increased cost of materials.	On Target (T)	On Target (T)	Over (O)	Proceeding as Planned	NO
Capital	GAS DISTRIBUTION	CATHODIC PROTECTION (CP) CAPITAL	Incident Related to the Medium Pressure System (Including Digin)	Cathodic Protection-Install / Replace Impressed Current Systems	Medium Pressure Main - Steel	No	YES	YES	YES	The variance in CP is primarily be attributed to the increased capital work to mitigate CP areas out of tolerance as well of materials.	The variance in CP is primarily be attributed to the increased capital work to mitigate CP areas out of tolerance as well as increased cost of materials.	On Target (T)	On Target (T)	Over (O)	Proceeding as Planned	NO
Capital	**GAS DISTRIBUTION**	**SubTotal CATHODIC PROTECTION (CP) CAPITAL**				**Yes**	**YES**	**YES**								**NO**
Capital	GAS DISTRIBUTION	CCM DISTRIBUTION PROJECT	Incident Related to the Medium Pressure System (Including Digin)	CCM Distribution Field Asset Real Time Monitoring & Control Site Install/Upgrades & New Tech	MPM mins -Plastic & Steel	No	YES	YES	NO	In previous years, the construction of Distribution Regulator Stations (DRS) progressed more slowly than initially anticipated, resulting in the extensions of work into 2024 resulting in spending above authorized. Additionally, a portion of costs associated with the software required for the modernized control rooms were incurred in 2024 rather than in prior years.	N/A	On Target (T)	Under (U)	Over (O)	Proceeding as Planned	NO
Capital	**GAS DISTRIBUTION**	**SubTotal CCM DISTRIBUTION PROJECT**				**Yes**	**YES**	**YES**								**NO**
Capital	GAS DISTRIBUTION	ELECTRONIC PRESSURE MONITORS (EPM)	Incident Related to the Medium Pressure System (Including Digin)	EPM Installations & Replacements	High Pressure Supply Lines	No	YES	NO	YES	N/A	Units for this activity were forecasted in the GRC at 77 for 2024. Although the GRC decision authorized this activity at a lower level than requested, the decision was received late in 2024. This delay in authorization impacted the ability to adjust our plans and operations accordingly, resulting in a higher number of actual units and associated costs. EPMs are invaluable monitoring devices in keeping SoCalGas's gas distribution system safe and stable, and provide the ability to effectively resolve pressure problems. SoCalGas intends to manage this activity over the entire TY 2024 GRC cycle.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	GAS DISTRIBUTION	ELECTRONIC PRESSURE MONITORS (EPM)	Incident Related to the Medium Pressure System (Including Digin)	EPM Installations & Replacements	Medium Pressure Main - Plastic & Steel	No	YES	NO	YES	N/A	Units for this activity were forecasted in the GRC at 123 for 2024. Although the GRC decision authorized this activity at a lower level than requested, the decision was received late in 2024. This delay in authorization impacted the ability to adjust our plans and operations accordingly, resulting in a higher number of actual units and associated costs.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	**GAS DISTRIBUTION**	**SubTotal ELECTRONIC PRESSURE MONITORS (EPM)**				**Yes**	**YES**	**NO**								**NO**
Capital	GAS DISTRIBUTION	SERVICE REPLACEMENTS	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	YES	NO	The non-RAMP portion of this workpaper includes replacements that result from customer requests to alter existing service lines. In 2024, less projects were requested than initially forecasted.	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	GAS DISTRIBUTION	SERVICE REPLACEMENTS	Incident Related to the Medium Pressure System (Including Digin)	Service Replacements - Leakage, Abnormal Op. Conditions, CP Related	High Pressure Supply Lines	No	YES	NO	YES	N/A	Service Replacement projects are often responsive to conditions found in the field. The unit variances between the timeframes are the result of the natural volatility of how/when field conditions are identified.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	GAS DISTRIBUTION	SERVICE REPLACEMENTS	Incident Related to the Medium Pressure System (Including Digin)	Service Replacements - Leakage, Abnormal Op. Conditions, CP Related	Medium Pressure Services - Plastic	No	YES	YES	YES	The RAMP portion of this workpaper includes replacements that are required due to leakage, corrosion, defects, deterioration, or any other abnormal operating conditions discovered through routine inspection and maintenance. In 2024, more projects were required than initially forecasted.	Service Replacement projects are often responsive to conditions found in the field. The unit variances between the timeframes are the result of the natural volatility of how/when field conditions are identified.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	**GAS DISTRIBUTION**	**SubTotal SERVICE REPLACEMENTS**				**Yes**	**YES**	**NO**								**NO**
Capital	GAS DISTRIBUTION	FIELD CAPITAL SUPPORT	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	YES	NO	The variance is due to higher expenditures and additional FTEs to support the capital investment activities, including project management, engineering field dispatch, field management/supervision, and off-production time expenditures. The GRC decision authorized this activity at a lower level than requested but the decision was not received until December 2024.	N/A	On Target (T)	On Target (T)	Over (O)	Proceeding as Planned	NO
Capital	GAS DISTRIBUTION	FIELD CAPITAL SUPPORT	Excavation Damage (Digin) on the Gas System	Locate & Mark Annual Refresher Training and Competency Program (HP)	Overall	No	YES	NO	YES	N/A	The TY2024 GRC Decision authorized less than forecasted units. The actual units are based on the number of employees who are required to attend annual training.	On Target (T)	On Target (T)	Over (O)	Proceeding as Planned	NO
Capital	GAS DISTRIBUTION	FIELD CAPITAL SUPPORT	Excavation Damage (Digin) on the Gas System	Locate & Mark Annual Refresher Training and Competency Program (MP)	Overall	No	YES	NO	YES	N/A	The TY2024 GRC Decision authorized less than forecasted units. The actual units are based on the number of employees who are required to attend annual training.	On Target (T)	On Target (T)	Over (O)	Proceeding as Planned	NO
Capital	GAS DISTRIBUTION	FIELD CAPITAL SUPPORT	Excavation Damage (Digin) on the Gas System	Locate & Mark Training (HP)	N/A	No	YES	NO	YES	N/A	Training is performed on an as needed basis. Generally, training is needed when employees transfer into a position that requires specific training. The training needs were lower than forecasted for 2024.	On Target (T)	On Target (T)	Over (O)	Proceeding as Planned	NO
Capital	GAS DISTRIBUTION	FIELD CAPITAL SUPPORT	Excavation Damage (Digin) on the Gas System	Locate & Mark Training (MP)	N/A	No	YES	NO	YES	N/A	Training is performed on an as needed basis. Generally, training is needed when employees transfer into a position that requires specific training. The training needs were lower than forecasted for 2024.	On Target (T)	On Target (T)	Over (O)	Proceeding as Planned	NO
Capital	GAS DISTRIBUTION	FIELD CAPITAL SUPPORT	Incident Related to the Medium Pressure System (Including Digin)	Company Crew & Contractor Inspections on O&M & Capital Pipeline Jobs	Medium Pressure Main - Plastic & Steel	No	YES	NO	YES	N/A	The responsibility of the Field Supervisor is to conduct inspections of company and contractor crews. However, due to low or Field Supervisor FTEs, fewer inspections were completed than forecasted.	On Target (T)	On Target (T)	Over (O)	Proceeding as Planned	NO

SoCalGas GAS DISTRIBUTION Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Safety, Reliability, or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status	Status Variance Explanation Required?
Capital	GAS DISTRIBUTION	FIELD CAPITAL SUPPORT	Excavation Damage (Digdis) on the Gas System	Company Excavator Training (HP)	N/A	No	YES	NO	YES	N/A	Training is performed on an as needed basis. Generally, training is needed when employees transfer into a position that requires specific training. The training needs were lower than forecasted for 2024.	On Target (T)	On Target (T)	Over (O)	Proceeding as Planned	NO
Capital	GAS DISTRIBUTION	FIELD CAPITAL SUPPORT	Excavation Damage (Digdis) on the Gas System	Company Excavator Training (MP)	N/A	No	YES	NO	YES	N/A	Training is performed on an as needed basis. Generally, training is needed when employees transfer into a position that requires specific training. The training needs were lower than forecasted for 2024.	On Target (T)	On Target (T)	Over (O)	Proceeding as Planned	NO
Capital	**GAS DISTRIBUTION**	**SubTotal FIELD CAPITAL SUPPORT**				**Yes**	**YES**	**YES**								**NO**
Capital	GAS DISTRIBUTION	GAS ENERGY MEASUREMENT SYSTEMS (GEMS)	Non-RAMP	NonRAMP	Non-RAMP	No	YES	NO	YES	N/A	SoCalGas has been refurbishing equipment in an effort to maximize its useful life. This has allowed the cost per unit to be lower than what was anticipated in the GRC request.	On Target (T)	On Target (T)	Over (O)	Proceeding as Planned	NO
Capital	**GAS DISTRIBUTION**	**SubTotal GAS ENERGY MEASUREMENT SYSTEMS (GEMS)**				**Yes**	**YES**	**NO**								**NO**
Capital	GAS DISTRIBUTION	MAIN & SERVICE ABANDONMENTS	Non-RAMP	NonRAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	**GAS DISTRIBUTION**	**SubTotal MAIN & SERVICE ABANDONMENTS**				**Yes**	**YES**	**NO**								**NO**
Capital	GAS DISTRIBUTION	MAIN REPLACEMENTS	Incident Related to the Medium Pressure System (Including Digdis)	Main Replacements - Leakage, Abnormal Op. Conditions, CP Related	High Pressure Supply Lines	No	YES	YES	YES	Main Replacement projects are often responsive to conditions found in the field. The cost variances here are the results of the natural volatility of how/when field conditions are identified. In 2024, fewer projects were required than initially forecasted.	Main Replacement projects are often responsive to conditions found in the field. The unit variances between the timeframes are the result of the natural volatility of how/when field conditions are identified.	On Target (T)	On Target (T)	Over (O)	Proceeding as Planned	NO
Capital	GAS DISTRIBUTION	MAIN REPLACEMENTS	Incident Related to the Medium Pressure System (Including Digdis)	Main Replacements - Leakage, Abnormal Op. Conditions, CP Related	Medium Pressure Main - Plastic	No	YES	YES	YES	Main Replacement projects are often responsive to conditions found in the field. The cost variances here are the results of the natural volatility of how/when field conditions are identified. In 2024, fewer projects were required than initially forecasted.	Main Replacement projects are often responsive to conditions found in the field. The unit variances between the timeframes are the result of the natural volatility of how/when field conditions are identified.	On Target (T)	On Target (T)	Under (U)	Proceeding as Planned	NO
Capital	GAS DISTRIBUTION	MAIN REPLACEMENTS	Incident Related to the Medium Pressure System (Including Digdis)	Main Replacements - Leakage, Abnormal Op. Conditions, CP Related	Medium Pressure Main - Steel	No	YES	YES	YES	Main Replacement projects are often responsive to conditions found in the field. The cost variances here are the results of the natural volatility of how/when field conditions are identified. In 2024, fewer projects were required than initially forecasted.	Main Replacement projects are often responsive to conditions found in the field. The unit variances between the timeframes are the result of the natural volatility of how/when field conditions are identified.	On Target (T)	On Target (T)	Over (O)	Proceeding as Planned	NO
Capital	**GAS DISTRIBUTION**	**SubTotal MAIN REPLACEMENTS**				**Yes**	**YES**	**NO**								**NO**
Capital	GAS DISTRIBUTION	METER PROTECTION	Incident Related to the Medium Pressure System (Including Digdis)	Residential Meter Protection Program	Meter and Beyond the Meter	No	YES	YES	YES	The variance is associated with project work managed in alignment with 2024 forecasts submitted in SoCalGas's TY 2024 GRC application, with a final decision not issued until December 2024. SoCalGas continued projects as planned while waiting for the final TY 2024 GRC Decision	The variance is associated with project work managed in alignment with 2024 forecasts submitted in SoCalGas's TY 2024 GRC application, with a final decision not issued until December 2024. SoCalGas continued projects as planned while waiting for the final TY 2024 GRC Decision.	On Target (T)	On Target (T)	Over (O)	Proceeding as Planned	NO
Capital	**GAS DISTRIBUTION**	**SubTotal METER PROTECTION**				**Yes**	**YES**	**YES**								**NO**
Capital	GAS DISTRIBUTION	METERS	Non-RAMP	NonRAMP	Non-RAMP	No	YES	NO	YES	N/A	SoCalGas has been refurbishing previously used equipment in an effort to maximize its useful life. This has allowed the cost per unit to be low er than what was anticipated in the GRC request.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	**GAS DISTRIBUTION**	**SubTotal METERS**				**Yes**	**YES**	**NO**								**NO**
Capital	GAS DISTRIBUTION	REGULATORS	Non-RAMP	NonRAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	**GAS DISTRIBUTION**	**SubTotal REGULATORS**				**Yes**	**YES**	**NO**								**NO**
Capital	GAS DISTRIBUTION	NEW BUSINESS CONSTRUCTION	Non-RAMP	NonRAMP	Non-RAMP	No	YES	YES	NO	This category represents the New Business projects w ith applications dated after July 1, 2023, that are collectible from customers. The demand for New Business projects was below forecasted levels.	N/A	On Target (T)	On Target (T)	Under (U)	Proceeding as Planned	NO
Capital	**GAS DISTRIBUTION**	**SubTotal NEW BUSINESS CONSTRUCTION**				**Yes**	**YES**	**YES**								**NO**
Capital	GAS DISTRIBUTION	REMOTE MTR READING	NonRAMP	NonRAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	**GAS DISTRIBUTION**	**SubTotal REMOTE MTR READING**				**Yes**	**YES**	**NO**								**NO**
Capital	GAS DISTRIBUTION	OTHER DISTRIBUTION CAPITAL PROJECTS	Non-RAMP	NonRAMP	Non-RAMP	No	YES	YES	NO	The variance is primarily due to a combination of High Speed Rail projects and paving related to capital projects. The High Speed Rail projects were originally forecasted to be completed prior to 2024.	N/A	On Target (T)	On Target (T)	Over (O)	Proceeding as Planned	NO
Capital	GAS DISTRIBUTION	OTHER DISTRIBUTION CAPITAL PROJECTS	Incident Related to the Medium Pressure System (Including Digdis)	Valve Installs and Replacements	High Pressure Supply Lines	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	GAS DISTRIBUTION	OTHER DISTRIBUTION CAPITAL PROJECTS	Incident Related to the Medium Pressure System (Including Digdis)	Valve Installs and Replacements	Medium Pressure Main - Plastic & Steel	No	YES	NO	YES	N/A	The number of valves replaced in a given year is responsive to conditions found in the field. There more valves were replaced in 2024 than forecasted.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	**GAS DISTRIBUTION**	**SubTotal OTHER DISTRIBUTION CAPITAL PROJECTS**				**Yes**	**YES**	**YES**								**NO**
Capital	GAS DISTRIBUTION	PIPELINE RELOCATIONS – FRANCHISE	Non-RAMP	NonRAMP	Non-RAMP	No	YES	YES	NO	The primary driver of this variance was requests from municipalities for SoCalGas to relocate gas pipelines that were obstructing their infrastructure projects. These requests are typically urgent and necessitate immediate action to avoid delays in the municipalities' projects. The unforeseen frequency and scale of these municipal requests exceeded the initial cost projections, leading to higher expenditures in this category.	N/A	On Target (T)	On Target (T)	Over (O)	Proceeding as Planned	NO
Capital	**GAS DISTRIBUTION**	**SubTotal PIPELINE RELOCATIONS – FRANCHISE**				**Yes**	**YES**	**YES**								**NO**

SoCalGas GAS DISTRIBUTION Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Safety, Reliability, or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status	Status Variance Explanation Required?
Capital	GAS DISTRIBUTION	PIPELINE RELOCATIONS – FREEWAY	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	**GAS DISTRIBUTION**	**SubTotal PIPELINE RELOCATIONS – FREEWAY**				Yes	**YES**	**NO**								**NO**
Capital	GAS DISTRIBUTION	PRESSURE BETTERMENTS	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	YES	YES	The funding expected to support these projects was not received in the TY 2024 GRC Decision, resulting in spending over authorized. However, pressure betterment projects are essential in providing reliable, safe, and sustainable service to SoCalGas's existing customers. SoCalGas has an obligation to serve, and these projects involve upgrading and reinforcing pipelines to handle load and pressure demands, ensuring service and compliance with safety regulations.	The funding expected to support these projects was not received in the TY 2024 GRC Decision, resulting in spending over authorized. However, pressure betterment projects are essential in providing reliable, safe, and sustainable service to SoCalGas's existing customers. SoCalGas has an obligation to serve, and these projects involve upgrading and reinforcing pipelines to handle load and pressure demands, ensuring service and compliance with safety regulations.	Over (O)	Over (O)	Over (O)	Other	NO
Capital	**GAS DISTRIBUTION**	**SubTotal PRESSURE BETTERMENTS**				Yes	**YES**	**YES**								**NO**
Capital	GAS DISTRIBUTION	REGULATOR STATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	GAS DISTRIBUTION	REGULATOR STATIONS	Incident Related to the Medium Pressure System (Including Digs)	Regulator Station Installation & Replacement	High Pressure Supply Lines	No	YES	NO	YES	N/A	The High Pressure RAMP tranche is tracked by the replacement of High Pressure to High Pressure Regulator Stations. In 2024, none of the high-to-high regulator stations required replacement.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	YES
Capital	GAS DISTRIBUTION	REGULATOR STATIONS	Incident Related to the Medium Pressure System (Including Digs)	Regulator Station Installation & Replacement	Medium Pressure Main - Plastic & Steel	No	YES	YES	NO	Regulator Station projects typically take more than one year to complete. Drivers for the variance include costs associated with projects previously completed and still in progress, a lower than requested authorized amount, and the GRC decision not being issued until December 2024.	N/A	On Target (T)	On Target (T)	Over (O)	Proceeding as Planned	NO
Capital	**GAS DISTRIBUTION**	**SubTotal REGULATOR STATIONS**				Yes	**YES**	**YES**								**NO**

SoCalGas GAS DISTRIBUTION Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	RollUp	Status Variance Explanation	WP Activity Description	2024 GRC Testimony Location
Capital	GAS DISTRIBUTION	GAS DISTRIBUTION				Yes			
Capital	GAS DISTRIBUTION	CAPITAL TOOLS & EQUIPMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A	Routine tool and equipment purchases are used by the gas distribution field, meter shop, fabrication & repair shop, measurement & controls, and other departments to efficiently and safely install and maintain the gas distribution system.	SCG-04-R-E MAA-125 to MAA-125 CWP 0072900
Capital	GAS DISTRIBUTION	CAPITAL TOOLS & EQUIPMENT	Excavation Damage (Digdin) on the Gas System	Loaning Equipment (HP)	Overall	No	The RAMP activity timeline has been pushed out to 2026-2027. This project is still expected to be completed within the current GRC cycle.	Routine tool and equipment purchases are used by the gas distribution field, meter shop, fabrication & repair shop, measurement & controls, and other departments to efficiently and safely install and maintain the gas distribution system.	SCG-04-R-E MAA-125 to MAA-125 CWP 0072900
Capital	GAS DISTRIBUTION	CAPITAL TOOLS & EQUIPMENT	Excavation Damage (Digdin) on the Gas System	Loaning Equipment (MP)	Overall	No	The RAMP activity timeline has been pushed out to 2026-2027. This project is still expected to be completed within the current GRC cycle.	Routine tool and equipment purchases are used by the gas distribution field, meter shop, fabrication & repair shop, measurement & controls, and other departments to efficiently and safely install and maintain the gas distribution system.	SCG-04-R-E MAA-125 to MAA-125 CWP 0072900
Capital	**GAS DISTRIBUTION**	**SubTotal CAPITAL TOOLS & EQUIPMENT**				**Yes**			
Capital	GAS DISTRIBUTION	CATHODIC PROTECTION (CP) CAPITAL	Incident Related to the Medium Pressure System (Including Digdin)	Cathodic Protection-Install / Replace Impressed Current Systems	High Pressure Supply Lines	No	N/A	Typical projects for this workgroup include the capital expenditures associated with the installation of new and replacement cathodic protection stations and applying cathodic protection to existing steel mains and service lines. This includes the additions of new rectifier (impressed current) sites along with the associated anode installations, including the necessary cathodic protection instrumentation and remote monitoring equipment, shallow well and deep well anode bed replacements for existing rectified systems; as well as installation and replacement of larger surface bed magnesium anode systems.	SCG-04-R-E MAA-100 to MAA-102 CWP 0017800
Capital	GAS DISTRIBUTION	CATHODIC PROTECTION (CP) CAPITAL	Incident Related to the Medium Pressure System (Including Digdin)	Cathodic Protection-Install / Replace Impressed Current Systems	Medium Pressure Mains - Steel	No	N/A	Typical projects for this workgroup include the capital expenditures associated with the installation of new and replacement cathodic protection stations and applying cathodic protection to existing steel mains and service lines. This includes the additions of new rectifier (impressed current) sites along with the associated anode installations, including the necessary cathodic protection instrumentation and remote monitoring equipment, shallow well and deep well anode bed replacements for existing rectified systems; as well as installation and replacement of larger surface bed magnesium anode systems.	SCG-04-R-E MAA-100 to MAA-102 CWP 0017800
Capital	**GAS DISTRIBUTION**	**SubTotal CATHODIC PROTECTION (CP) CAPITAL**				**Yes**			
Capital	GAS DISTRIBUTION	CCM DISTRIBUTION PROJECT	Incident Related to the Medium Pressure System (Including Digdin)	CCM Distribution Field Asset Real Time Monitoring & Control Site Install/Upgrades & New Tech	MPM mains -Plastic & Steel	No	N/A	The purpose of the Control Center Modernization (CCM) project is to construct a new modernized Gas Control facility which will include advanced technology and be sized to accommodate the expanding workforce needed to monitor, maintain, and respond to data transmitted by the over 9,000 new and existing field assets and incidents on a continuous 24/7 basis. The costs detailed in this section are related to the field assets that will be deployed on the SoCalGas distribution system and the enhanced technology platform that will strengthen Gas Control's situational awareness, data analytics, forecasting, visibility, and response even to the overall system.	SCG-04-R-E MAA-97 to MAA-99 CWP 0029000*
Capital	**GAS DISTRIBUTION**	**SubTotal CCM DISTRIBUTION PROJECT**				**Yes**			
Capital	GAS DISTRIBUTION	ELECTRONIC PRESSURE MONITORS (EPM)	Incident Related to the Medium Pressure System (Including Digdin)	EPM Installations & Replacements	High Pressure Supply Lines	No	N/A	An Electronic Pressure Monitors (EPM) is a unit made for the purpose of measuring and recording gas pressure within a gas pipe via a connected gas transducer sensor. The unit has a box shaped shell cover that protects the internal circuitry from environmental hazards. After initial installation, this device is placed on an annual maintenance plan which includes inspection of the battery pack serving as the source of power for most EPMs. These devices operate using the Advance Metering Infrastructure (AMI) network. The line of communication is what allows the EPM device to send pressure data logs to a calling computer, at which point, the pressure data can be electronically reviewed, analyzed, stored, and archived. These EPM units are commonly affixed to wall-mount and pole-mount configurations.	SCG-04-R-E MAA-119 to MAA-121 CWP 0018100
Capital	GAS DISTRIBUTION	ELECTRONIC PRESSURE MONITORS (EPM)	Incident Related to the Medium Pressure System (Including Digdin)	EPM Installations & Replacements	Medium Pressure Mains - Plastic & Steel	No	N/A	An Electronic Pressure Monitors (EPM) is a unit made for the purpose of measuring and recording gas pressure within a gas pipe via a connected gas transducer sensor. The unit has a box shaped shell cover that protects the internal circuitry from environmental hazards. After initial installation, this device is placed on an annual maintenance plan which includes inspection of the battery pack serving as the source of power for most EPMs. These devices operate using the Advance Metering Infrastructure (AMI) network. The line of communication is what allows the EPM device to send pressure data logs to a calling computer, at which point, the pressure data can be electronically reviewed, analyzed, stored, and archived. These EPM units are commonly affixed to wall-mount and pole-mount configurations.	SCG-04-R-E MAA-119 to MAA-121 CWP 0018100
Capital	**GAS DISTRIBUTION**	**SubTotal ELECTRONIC PRESSURE MONITORS (EPM)**				**Yes**			
Capital	GAS DISTRIBUTION	SERVICE REPLACEMENTS	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A	SoCalGas has approximately 49,983 miles of service pipe. These distribution service lines are used to transport gas from a common source of supply to an individual residence, or to two adjacent or adjoining residences, or a small commercial customer. It is also common to serve multi-residential buildings and multi-commercial customers through a meter header or a manifold. A service line ends at the end of the customer meter or at the connection to a customer's piping, whichever is farther downstream.	SCG-04-R-E MAA-87 to MAA-91 CWP 0025600
Capital	GAS DISTRIBUTION	SERVICE REPLACEMENTS	Incident Related to the Medium Pressure System (Including Digdin)	Service Replacements - Leakage, Abnormal Op. Conditions, CP Related	High Pressure Supply Lines	No	N/A	SoCalGas has approximately 49,983 miles of service pipe. These distribution service lines are used to transport gas from a common source of supply to an individual residence, or to two adjacent or adjoining residences, or a small commercial customer. It is also common to serve multi-residential buildings and multi-commercial customers through a meter header or a manifold. A service line ends at the end of the customer meter or at the connection to a customer's piping, whichever is farther downstream.	SCG-04-R-E MAA-87 to MAA-91 CWP 0025600
Capital	GAS DISTRIBUTION	SERVICE REPLACEMENTS	Incident Related to the Medium Pressure System (Including Digdin)	Service Replacements - Leakage, Abnormal Op. Conditions, CP Related	Medium Pressure Services - Plastic	No	N/A	SoCalGas has approximately 49,983 miles of service pipe. These distribution service lines are used to transport gas from a common source of supply to an individual residence, or to two adjacent or adjoining residences, or a small commercial customer. It is also common to serve multi-residential buildings and multi-commercial customers through a meter header or a manifold. A service line ends at the end of the customer meter or at the connection to a customer's piping, whichever is farther downstream.	SCG-04-R-E MAA-87 to MAA-91 CWP 0025600
Capital	**GAS DISTRIBUTION**	**SubTotal SERVICE REPLACEMENTS**				**Yes**			
Capital	GAS DISTRIBUTION	FIELD CAPITAL SUPPORT	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A	Traditional work elements recorded to this budget category include project planning, load engineering, clerical support, field dispatch, field management and supervision, and off-production time for support personnel and field crews who install the Gas Distribution capital assets.	SCG-04-R-E MAA-125 to MAA-132 CWP 0090300
Capital	GAS DISTRIBUTION	FIELD CAPITAL SUPPORT	Excavation Damage (Digdin) on the Gas System	Locate & Mark Annual Refresher Training and Competency Program (HP)	Overall	No	N/A	Traditional work elements recorded to this budget category include project planning, load engineering, clerical support, field dispatch, field management and supervision, and off-production time for support personnel and field crews who install the Gas Distribution capital assets.	SCG-04-R-E MAA-125 to MAA-132 CWP 0090300
Capital	GAS DISTRIBUTION	FIELD CAPITAL SUPPORT	Excavation Damage (Digdin) on the Gas System	Locate & Mark Annual Refresher Training and Competency Program (MP)	Overall	No	N/A	Traditional work elements recorded to this budget category include project planning, load engineering, clerical support, field dispatch, field management and supervision, and off-production time for support personnel and field crews who install the Gas Distribution capital assets.	SCG-04-R-E MAA-125 to MAA-132 CWP 0090300
Capital	GAS DISTRIBUTION	FIELD CAPITAL SUPPORT	Excavation Damage (Digdin) on the Gas System	Locate & Mark Training (HP)	N/A	No	N/A	Traditional work elements recorded to this budget category include project planning, load engineering, clerical support, field dispatch, field management and supervision, and off-production time for support personnel and field crews who install the Gas Distribution capital assets.	SCG-04-R-E MAA-125 to MAA-132 CWP 0090300
Capital	GAS DISTRIBUTION	FIELD CAPITAL SUPPORT	Excavation Damage (Digdin) on the Gas System	Locate & Mark Training (MP)	N/A	No	N/A	Traditional work elements recorded to this budget category include project planning, load engineering, clerical support, field dispatch, field management and supervision, and off-production time for support personnel and field crews who install the Gas Distribution capital assets.	SCG-04-R-E MAA-125 to MAA-132 CWP 0090300
Capital	GAS DISTRIBUTION	FIELD CAPITAL SUPPORT	Incident Related to the Medium Pressure System (Including Digdin)	Company Crew & Contractor Inspections on O&M & Capital Pipeline Jobs	Medium Pressure Mains - Plastic & Steel	No	N/A	Traditional work elements recorded to this budget category include project planning, load engineering, clerical support, field dispatch, field management and supervision, and off-production time for support personnel and field crews who install the Gas Distribution capital assets.	SCG-04-R-E MAA-125 to MAA-132 CWP 0090300

SoCalGas GAS DISTRIBUTION Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll up	Status Variance Explanation	WP Activity Description	2024 GRC Testimony Location
Capital	GAS DISTRIBUTION	FIELD CAPITAL SUPPORT	Excavation Damage (Digdin) on the Gas System	Company Excavator Training (HP)	N/A	No	N/A	Traditional work elements recorded to this budget category include project planning, load engineering, clerical support, field dispatch, field management and supervision, and off-production time for support personnel and field crews who install the Gas Distribution capital assets.	SCG-04-R-E MAA-125 to MAA-132 CWP 0000300
Capital	GAS DISTRIBUTION	FIELD CAPITAL SUPPORT	Excavation Damage (Digdin) on the Gas System	Company Excavator Training (MP)	N/A	No	N/A	Traditional work elements recorded to this budget category include project planning, load engineering, clerical support, field dispatch, field management and supervision, and off-production time for support personnel and field crews who install the Gas Distribution capital assets.	SCG-04-R-E MAA-125 to MAA-132 CWP 0000300
Capital	**GAS DISTRIBUTION**	**SubTotal FIELD CAPITAL SUPPORT**				Yes			
Capital	GAS DISTRIBUTION	GAS ENERGY MEASUREMENT SYSTEMS (GEMS)	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A	Gas Energy Measurement Systems (GEMS) provide the electronic means to compute and accumulate unmetered volumetric measurements. They also have the ability to provide gas volume corrections based on "live" temperature measurement, provide audit trail capabilities, and some models provide remote communication capabilities. These devices are configured to fit the requirements of each GEMS field site. Proper pressure and temperature transducers need to be considered, as well as sizing size and mounting configuration. The types of GEMS included in this category are: Electronic Correctors, Info GEMS, Inp GEMS, and new generation GEMS.	SCG-04-R-E MAA-123 to MAA-123 CWP 0020600
Capital	**GAS DISTRIBUTION**	**SubTotal GAS ENERGY MEASUREMENT SYSTEMS (GEMS)**				Yes			
Capital	GAS DISTRIBUTION	MAIN & SERVICE ABANDONMENTS	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A	Abandonment of mains and services are only occur when abandonment of the pipeline is deemed to not cause a negative effect on the distribution system, otherwise, a replacement plan will be pursued. Mains are retired from service by stopping the flow of gas into the section of pipe to be abandoned. This is typically accomplished with pressure control fittings installed on both extremes of the section of pipe in order to isolate from gas flow. Abandonment of service lines is accomplished by cutting and capping at the service to main connection.	SCG-04-R-E MAA-91 to MAA-93 CWP 0025400
Capital	**GAS DISTRIBUTION**	**SubTotal MAIN & SERVICE ABANDONMENTS**				Yes			
Capital	GAS DISTRIBUTION	MAIN REPLACEMENTS	Incident Related to the Medium Pressure System (Excluding Digdin)	Main Replacements - Leakage, Abnormal Op. Conditions, CP Related	High Pressure Supply Lines	No	N/A	SoCalGas's distribution pipeline system consists of approximately 51,670 miles of steel and plastic mains supporting the delivery of gas to more than 5.9 million customers. Activities in the Main Replacements work category include: • The installation of new mains to replace existing mains. • Service line replacements associated with main replacements. • Existing service line "tie-overs" to newly installed replacement mains. • Meter set re-builds associated with newly installed replacement mains • Main replacements completed in advance of public infrastructure improvement projects.	SCG-04-R-E MAA-84 to MAA-87 CWP 0025200
Capital	GAS DISTRIBUTION	MAIN REPLACEMENTS	Incident Related to the Medium Pressure System (Excluding Digdin)	Main Replacements - Leakage, Abnormal Op. Conditions, CP Related	Medium Pressure Mains - Plastic	No	N/A	SoCalGas's distribution pipeline system consists of approximately 51,670 miles of steel and plastic mains supporting the delivery of gas to more than 5.9 million customers. Activities in the Main Replacements work category include: • The installation of new mains to replace existing mains. • Service line replacements associated with main replacements. • Existing service line "tie-overs" to newly installed replacement mains. • Meter set re-builds associated with newly installed replacement mains • Main replacements completed in advance of public infrastructure improvement projects.	SCG-04-R-E MAA-84 to MAA-87 CWP 0025200
Capital	GAS DISTRIBUTION	MAIN REPLACEMENTS	Incident Related to the Medium Pressure System (Excluding Digdin)	Main Replacements - Leakage, Abnormal Op. Conditions, CP Related	Medium Pressure Mains - Steel	No	N/A	SoCalGas's distribution pipeline system consists of approximately 51,670 miles of steel and plastic mains supporting the delivery of gas to more than 5.9 million customers. Activities in the Main Replacements work category include: • The installation of new mains to replace existing mains. • Service line replacements associated with main replacements. • Existing service line "tie-overs" to newly installed replacement mains. • Meter set re-builds associated with newly installed replacement mains • Main replacements completed in advance of public infrastructure improvement projects.	SCG-04-R-E MAA-84 to MAA-87 CWP 0025200
Capital	**GAS DISTRIBUTION**	**SubTotal MAIN REPLACEMENTS**				Yes			
Capital	GAS DISTRIBUTION	METER PROTECTION	Incident Related to the Medium Pressure System (Excluding Digdin)	Residential Meter Protection Program	Meter and Beyond the Meter	No	N/A	Meter guards consist of pipeline compatible materials with sufficient structural integrity to guard against damage to meter set assemblies. Posts installed into the ground with welded cross braces, usually made of steel pipe, are fabricated and installed by SoCalGas field crews and contractors.	SCG-04-R-E MAA-108 to MAA-110 CWP 0026400
Capital	**GAS DISTRIBUTION**	**SubTotal METER PROTECTION**				Yes			
Capital	GAS DISTRIBUTION	METERS	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A	A meter is the device that measures the customer's gas consumption. Meter types purchased within this budget code include diaphragm, rotary, turbine, and ultrasonic. Meters are grouped into two sizing groups, where the small and medium size meters are referred to as "size 1 through 3" meters, and the other being the large size meters referred to as "size 4 and above" meters. Size 1 through 3 meters are typical of residential and small commercial customers. The size 4 and above are typical of large commercial and industrial customers.	SCG-04-R-E MAA-114 to MAA-117 CWP 0016300
Capital	**GAS DISTRIBUTION**	**SubTotal METERS**				Yes			
Capital	GAS DISTRIBUTION	REGULATORS	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A	Gas regulators are purchased for two primary purposes, new business installations and replacements. When choosing a pressure regulator many factors are considered before selecting a model. Important considerations include: material choice, inlet operating pressure, outlet delivery pressure, flow capacity, temperature, and size constraints.	SCG-04-R-E MAA-117 to MAA-119 CWP 0016400
Capital	**GAS DISTRIBUTION**	**SubTotal REGULATORS**				Yes			
Capital	GAS DISTRIBUTION	NEW BUSINESS CONSTRUCTION	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A	The activities of this category include installation of gas mains and services, meter set assemblies, regulator stations and the associated facilities necessary to provide service to new customers	SCG-04-R-E MAA-78 to MAA-82 CWP 0015100
Capital	**GAS DISTRIBUTION**	**SubTotal NEW BUSINESS CONSTRUCTION**				Yes			
Capital	GAS DISTRIBUTION	REMOTE MTR READING	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A	As new homes and communities are constructed, the Data Collector Unit (DCU) footprint required to collect and transmit meter reading data will continue to expand. SoCalGas currently has approximately 4,600 DCU's across the service territory to provide AMI network coverage for the Company's nearly six million meters. The installation of DCUs includes performing land acquisition, processing, and submitting ministerial and coastal commission permits in public right of way (PROW), utility easements, new pole and co-location construction, and communicating DCUs.	SCG-04-R-E MAA-132 to MAA-133 CWP 0018200
Capital	**GAS DISTRIBUTION**	**SubTotal REMOTE MTR READING**				Yes			
Capital	GAS DISTRIBUTION	OTHER DISTRIBUTION CAPITAL PROJECTS	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A	These facility relocation projects include all sizes of distribution main and associated service lines, meter set assemblies and related gas facilities. Examples of these projects include, but are not limited to: • Replacement or alteration and abandonment of appurtenance to main such as valves and welds, drips, traps, roads, and fences due to conditions in order to maintain the reliable operation of the distribution system. • Raising, lowering or relocating main due to interference with external party construction. • Changes to Company facilities at customer request. This could include items such as alteration or relocation of main or meter set assemblies, installation of customer exclusively used mains, or moving or relocating regulator stations. • Changes to SoCalGas facilities in accordance with right-of-way agreements, encroachment permits, and railroad crossing lease agreements.	SCG-04-R-E MAA-110 to MAA-114 CWP 0027000
Capital	GAS DISTRIBUTION	OTHER DISTRIBUTION CAPITAL PROJECTS	Incident Related to the Medium Pressure System (Excluding Digdin)	Valve Installs and Replacements	High Pressure Supply Lines	No	N/A	These facility relocation projects include all sizes of distribution main and associated service lines, meter set assemblies and related gas facilities. Examples of these projects include, but are not limited to: • Replacement or alteration and abandonment of appurtenance to main such as valves and welds, drips, traps, roads, and fences due to conditions in order to maintain the reliable operation of the distribution system. • Raising, lowering or relocating main due to interference with external party construction. • Changes to Company facilities at customer request. This could include items such as alteration or relocation of main or meter set assemblies, installation of customer exclusively used mains, or moving or relocating regulator stations. • Changes to SoCalGas facilities in accordance with right-of-way agreements, encroachment permits, and railroad crossing lease agreements.	SCG-04-R-E MAA-110 to MAA-114 CWP 0027000
Capital	GAS DISTRIBUTION	OTHER DISTRIBUTION CAPITAL PROJECTS	Incident Related to the Medium Pressure System (Excluding Digdin)	Valve Installs and Replacements	Medium Pressure Mains - Plastic & Steel	No	N/A	These facility relocation projects include all sizes of distribution main and associated service lines, meter set assemblies and related gas facilities. Examples of these projects include, but are not limited to: • Replacement or alteration and abandonment of appurtenance to main such as valves and welds, drips, traps, roads, and fences due to conditions in order to maintain the reliable operation of the distribution system. • Raising, lowering or relocating main due to interference with external party construction. • Changes to Company facilities at customer request. This could include items such as alteration or relocation of main or meter set assemblies, installation of customer exclusively used mains, or moving or relocating regulator stations. • Changes to SoCalGas facilities in accordance with right-of-way agreements, encroachment permits, and railroad crossing lease agreements.	SCG-04-R-E MAA-110 to MAA-114 CWP 0027000
Capital	**GAS DISTRIBUTION**	**SubTotal OTHER DISTRIBUTION CAPITAL PROJECTS**				Yes			
Capital	GAS DISTRIBUTION	PIPELINE RELOCATIONS – FRANCHISE	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A	Franchise related pipeline relocation projects are performed to establish adequate clearance to accommodate public works construction improvements and/or expansions. These pipeline relocation projects include all sizes of distribution main and associated service lines and related pipeline facilities including meter set assemblies. Some examples of the type of municipality work that drives franchise pipe relocations include: • Street widening resurfacing, or repairs. • Storm drain work. • Municipal water work. • Sewer work.	SCG-04-R-E MAA-105 to MAA-108 CWP 0026200
Capital	**GAS DISTRIBUTION**	**SubTotal PIPELINE RELOCATIONS – FRANCHISE**				Yes			

SoCalGas GAS DISTRIBUTION Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Status Variance Explanation	WP Activity Description	2024 GRC Testimony Location
Capital	GAS DISTRIBUTION	PIPELINE RELOCATIONS – FREEWAY	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A	Gas pipeline relocation projects are performed to establish adequate clearance to accommodate freeway construction improvements and/or expansions. These pipeline relocation projects include all sizes of distribution main and associated service lines, meter set assemblies and related gas facilities. Freeway relocation projects include altering: • Pipeline crossing over and under a freeway bridge span • Any gas facility interfering with construction and located within CalTrans' right-of-way. • Any gas facility outside of CalTrans' right-of-way deemed to interfere with freeway construction.	SCG-04-R-E MAA-103 to MAA-105 CWP 0026103
Capital	**GAS DISTRIBUTION**	**SubTotal PIPELINE RELOCATIONS – FREEWAY**				**Yes**			
Capital	GAS DISTRIBUTION	PRESSURE BETTERMENTS	Non-RAMP	Non-RAMP	Non-RAMP	No	Although funding was not approved in the TY 2024 GRC Decision, pressure betterment projects remain crucial for maintaining the integrity and safety of our gas pipeline system.	Pressure betterment projects typically involve one or more of the following: • Installing new mains •Uprating existing mains. •Uprating existing mains to higher pressure.	SCG-04-R-E MAA-82 to MAA-83 CWP 0025103
Capital	**GAS DISTRIBUTION**	**SubTotal PRESSURE BETTERMENTS**				**Yes**			
Capital	GAS DISTRIBUTION	REGULATOR STATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A	Regulator Stations are key assemblies of control equipment on the SoCalGas pipeline system. They are installed to reduce the pressure of gas from high-pressure pipelines to provide the lower pressures used on the distribution pipeline system, which provide steady operating conditions to the customers. These stations consist of pipes, electronics, valves and regulators, which are installed in either below-ground vaults or above-ground fenced facilities, and in some instance inside specially built housing. These stations serve not only to control gas pressure but also as a line of defense against over-pressurization. Many of the modern stations are designed with dual run feeds to maintain continued operation of the station in the event of a failure within either of the two runs.	SCG-04-R-E MAA-93 to MAA-97 CWP 0026503
Capital	GAS DISTRIBUTION	REGULATOR STATIONS	Incident Related to the Medium Pressure System (Including Digs)	Regulator Station Installation & Replacement	High Pressure Supply Lines	No	The High Pressure RAMP timeline is tracked by the replacement of High Pressure to High Pressure Regulator Stations. In 2024, none of the high-risk/high-regulator stations required replacement.	Regulator Stations are key assemblies of control equipment on the SoCalGas pipeline system. They are installed to reduce the pressure of gas from high-pressure pipelines to provide the lower pressures used on the distribution pipeline system, which provide steady operating conditions to the customers. These stations consist of pipes, electronics, valves and regulators, which are installed in either below-ground vaults or above-ground fenced facilities, and in some instance inside specially built housing. These stations serve not only to control gas pressure but also as a line of defense against over-pressurization. Many of the modern stations are designed with dual run feeds to maintain continued operation of the station in the event of a failure within either of the two runs.	SCG-04-R-E MAA-93 to MAA-97 CWP 0026503
Capital	GAS DISTRIBUTION	REGULATOR STATIONS	Incident Related to the Medium Pressure System (Including Digs)	Regulator Station Installation & Replacement	Medium Pressure Main - Plastic & Steel	No	N/A	Regulator Stations are key assemblies of control equipment on the SoCalGas pipeline system. They are installed to reduce the pressure of gas from high-pressure pipelines to provide the lower pressures used on the distribution pipeline system, which provide steady operating conditions to the customers. These stations consist of pipes, electronics, valves and regulators, which are installed in either below-ground vaults or above-ground fenced facilities, and in some instance inside specially built housing. These stations serve not only to control gas pressure but also as a line of defense against over-pressurization. Many of the modern stations are designed with dual run feeds to maintain continued operation of the station in the event of a failure within either of the two runs.	SCG-04-R-E MAA-93 to MAA-97 CWP 0026503
Capital	**GAS DISTRIBUTION**	**SubTotal REGULATOR STATIONS**				**Yes**			

SoCalGas GAS TRANSMISSION OPERATIONS & CONSTRUCTION Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP/Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date (6)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date (8)
Capital	GAS TRANSMISSION OPERATIONS & CONSTRUCTION	GAS TRANSMISSION OPERATIONS & CONSTRUCTION				Yes			209,185	---	---	---	209,185	108,519	104,565	107,708	110,921	101,593
Capital	GAS TRANSMISSION	GAS TRANSMISSION CAPITAL TOOLS	Non-RAMP	Non-RAMP	Non-RAMP	No	Ongoing	Annual	186	---	---	---	186	889	916	943	971	889
Capital	GAS TRANSMISSION	Sub Total GAS TRANSMISSION CAPITAL TOOLS				Yes			186	---	---	---	186	889	916	943	971	889
Capital	GAS TRANSMISSION	GAS TRANSMISSION - SOFTWARE	Non-RAMP	Non-RAMP	Non-RAMP	No	Ongoing	Annual	731	---	---	---	731	---	---	---	---	---
Capital	GAS TRANSMISSION	Sub Total GAS TRANSMISSION – SOFTWARE				Yes			731	---	---	---	731	---	---	---	---	---
Capital	GAS TRANSMISSION	GOCC (GAS OPS CONTROL CENTER) TRANSMISSION PROJECT	Excavation Damage (Dig-In) on the Gas System	Pipeline Monitoring Technologies	N/A	No	Ongoing	Annual	6,214	---	---	---	6,214	2,031	2,092	2,155	2,220	2,081
Capital	GAS TRANSMISSION	Sub Total GOCC (GAS OPS CONTROL CENTER) TRANSMISSION PROJECT				Yes			6,214	---	---	---	6,214	2,031	2,092	2,155	2,220	2,081
Capital	GAS TRANSMISSION	GF AUX EQUIPMENT& INFRASTRUCTURE	Incident Involving an Employee	Workplace Violence Prevention Program Enhancements	Non-vehicle Incident	No	Ongoing	Annual	(0)	---	---	---	(0)	81	83	85	88	81
Capital	GAS TRANSMISSION	GF AUX EQUIPMENT& INFRASTRUCTURE	Incident Related to the High Pressure System (Excluding Dig-in)	Security and Auxiliary Equipment	Overall	No	Ongoing	Annual	5,354	---	---	---	5,354	699	720	742	764	699
Capital	GAS TRANSMISSION	GF AUX EQUIPMENT& INFRASTRUCTURE	Physical Security	RAMP SCG - CFF - 5 Physical Security	RAMP SCG - CFF - 5 Physical Security	No	Ongoing	Annual	0	---	---	---	0	2,210	2,276	2,346	2,414	2,210
Capital	GAS TRANSMISSION	Sub Total GT AUX EQUIPMENT& INFRASTRUCTURE				Yes			5,354	---	---	---	5,354	2,990	3,079	3,173	3,266	2,990
Capital	GAS TRANSMISSION	GF BUILDINGS & IMPROVEMENTS	Non-RAMP	Non-RAMP	Non-RAMP	No			909	---	---	---	909	997	1,027	1,058	1,090	997
Capital	GAS TRANSMISSION	Sub Total GT BUILDINGS & IMPROVEMENTS				Yes			909	---	---	---	909	997	1,027	1,058	1,090	997
Capital	GAS TRANSMISSION	GF CATHODIC PROTECTION	Incident Related to the High Pressure System (Excluding Dig-in)	Cathodic Protection - Capital (HCA & Non-HCA)	Transmission - HCA	No	Ongoing	Annual	3,014	---	---	---	3,014	2,302	2,371	2,442	2,516	2,302
Capital	GAS TRANSMISSION	GF CATHODIC PROTECTION	Incident Related to the High Pressure System (Excluding Dig-in)	Cathodic Protection - Capital (HCA & Non-HCA)	Transmission - Non-HCA	No	Ongoing	Annual	6,118	---	---	---	6,118	4,674	4,814	4,959	5,107	4,674
Capital	GAS TRANSMISSION	Sub Total GT CATHODIC PROTECTION				Yes			9,132	---	---	---	9,132	6,976	7,185	7,401	7,623	6,976
Capital	GAS TRANSMISSION	GF COMPRESSOR STATIONS ADDITIONS/REPLACEMENTS	Incident Related to the High Pressure System (Excluding Dig-in)	Compressor Stations - Capital	Transmission - Facilities	No	Ongoing	Annual	52,659	---	---	---	52,659	9,965	10,264	10,572	10,889	9,965
Capital	GAS TRANSMISSION	Sub Total GT COMPRESSOR STATIONS ADDITIONS/REPLACEMENTS				Yes			52,659	---	---	---	52,659	9,965	10,264	10,572	10,889	9,965
Capital	GAS TRANSMISSION	GF COMPRESSOR STATIONS ADDITIONS/REPLACEMENTS QUALITY/ECONOMIC DRIVEN	Non-RAMP	Non-RAMP	Non-RAMP	No			5,050	---	---	---	5,050	---	---	---	---	---
Capital	GAS TRANSMISSION	Sub Total GT COMPRESSOR STATIONS ADDITIONS/REPLACEMENTS QUALITY/ECONOMIC DRIVEN				Yes			5,050	---	---	---	5,050	---	---	---	---	---
Capital	GAS TRANSMISSION	GF M&R STATIONS ADDITIONS/REPLACEMENTS	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	---	---	---	---	---	630	649	668	688	630
Capital	GAS TRANSMISSION	GF M&R STATIONS ADDITIONS/REPLACEMENTS	Incident Related to the High Pressure System (Excluding Dig-in)	Measurement & Regulation - Capital (HCA & Non-HCA)	Transmission - HCA	No	Ongoing	Annual	20,910	---	---	---	20,910	11,509	11,854	12,209	12,576	11,509

SoCalGas GAS TRANSMISSION OPERATIONS & CONSTRUCTION Capital

Type	Witness Area (List of Business)	WP Activity Description (Spreadsheet Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date (k)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date (k)
Capital	GAS TRANSMISSION	GT M&R STATIONS ADDITIONS/REPLACEMENTS	Incident Related to the High Pressure System (Excluding Digs-in)	Measurement & Regulation - Capital (HCA & Non-HCA)	Transmission - Non-HCA	No	Ongoing	Annual	42,453	---	---	---	42,453	25,368	24,070	24,798	25,536	23,368
Capital	GAS TRANSMISSION	Sub Total GT M&R STATIONS ADDITIONS/REPLACEMENTS				Yes			63,363	---	---	---	63,363	38,507	36,573	37,649	38,000	35,507

SoCalGas GAS TRANSMISSION OPERATIONS & CONSTRUCTION Capital

Type	Witness Area (List of Business)	WP Activity Description (Spreadsheet Category)	RAMP/Risk Chapter	RAMP Mitigation Activity	RAMP Transfer	Rollup	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date (k)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date (k)
Capital	GAS TRANSMISSION	GT PIPELINE RELOCATION-FRANCHISE/PRIVATE/ROW	Non-RAMP	Non-RAMP	Non-RAMP	No	Ongoing	Annual	(0)	---	---	---	(0)	174	179	186	190	174
Capital	GAS TRANSMISSION	GT PIPELINE RELOCATION-FRANCHISE/PRIVATE/ROW	Incident Related to the High Pressure System (Excluding Dig-in)	Pipeline Relocation/ Replacement (HCA and Non-HCA)	Transmissio n - HCA	No	Ongoing	Annual	682	---	---	---	682	2,251	2,319	2,388	2,460	2,251
Capital	GAS TRANSMISSION	GT PIPELINE RELOCATION-FRANCHISE/PRIVATE/ROW	Incident Related to the High Pressure System (Excluding Dig-in)	Pipeline Relocation/ Replacement (HCA and Non-HCA)	Transmissio n - Non-HCA	No	Ongoing	Annual	1,385	---	---	---	1,385	4,572	4,709	4,851	4,996	4,572
Capital	**GAS TRANSMISSION**	**Sub Total GT PIPELINE RELOCATION-FRANCHISE/PRIVATE/ROW**				**Yes**			**2,068**	---	---	---	**2,068**	**6,997**	**7,207**	**7,423**	**7,646**	**6,997**
Capital	GAS TRANSMISSION	GT PIPELINE RELOCATION-FREEWAY	Non-RAMP	Non-RAMP	Non-RAMP	No	Ongoing	Annual	505	---	---	---	505	200	206	212	218	200
Capital	**GAS TRANSMISSION**	**Sub Total GT PIPELINE RELOCATION-FREEWAY**				**Yes**			**505**	---	---	---	**505**	**200**	**206**	**212**	**218**	**200**
Capital	GAS TRANSMISSION	GT PIPELINE REPLACEMENTS	Incident Related to the High Pressure System (Excluding Dig-in)	Leak Repair T1 & T2 (HCA and Non-HCA)	Transmissio n - HCA	No	Ongoing	Annual	6,718	---	---	---	6,718	3,453	3,556	3,660	3,773	3,493
Capital	GAS TRANSMISSION	GT PIPELINE REPLACEMENTS	Incident Related to the High Pressure System (Excluding Dig-in)	Leak Repair T1 & T2 (HCA and Non-HCA)	Transmissio n - Non-HCA	No	Ongoing	Annual	13,631	---	---	---	13,631	7,010	7,221	7,437	7,660	7,010
Capital	GAS TRANSMISSION	GT PIPELINE REPLACEMENTS	Incident Related to the High Pressure System (Excluding Dig-in)	Pipeline Relocation/ Replacement (HCA & Non-HCA)	Transmissio n - HCA	No	Ongoing	Annual	6,073	---	---	---	6,073	6,879	7,085	7,298	7,517	6,879
Capital	GAS TRANSMISSION	GT PIPELINE REPLACEMENTS	Incident Related to the High Pressure System (Excluding Dig-in)	Pipeline Relocation/ Replacement (HCA & Non-HCA)	Transmissio n - Non-HCA	No	Ongoing	Annual	12,229	---	---	---	12,229	13,965	14,384	14,815	15,259	13,965
Capital	GAS TRANSMISSION	GT PIPELINE REPLACEMENTS	Incident Related to the High Pressure System (Excluding Dig-in)	Shallow/ Exposed Pipe Remediations (HCA & Non-HCA)	Transmissio n - HCA	No	Ongoing	Annual	6,994	---	---	---	6,994	1,151	1,186	1,221	1,258	1,151
Capital	GAS TRANSMISSION	GT PIPELINE REPLACEMENTS	Incident Related to the High Pressure System (Excluding Dig-in)	Shallow/ Exposed Pipe Remediations (HCA & Non-HCA)	Transmissio n - Non-HCA	No	Ongoing	Annual	14,308	---	---	---	14,308	2,337	2,407	2,480	2,554	2,337
Capital	**GAS TRANSMISSION**	**Sub Total GT PIPELINE REPLACEMENTS**				**Yes**			**59,952**	---	---	---	**59,952**	**36,795**	**35,839**	**36,916**	**38,021**	**34,785**
Capital	GAS TRANSMISSION	GT PIPELINES - NEW ADDITIONS	Non-RAMP	Non-RAMP	Non-RAMP	No		1	1	3,063	---	---	---	3,063	172	177	182	187	172
Capital	**GAS TRANSMISSION**	**Sub Total GT PIPELINES - NEW ADDITIONS**				**Yes**				**3,063**	---	---	---	**3,063**	**172**	**177**	**182**	**187**	**172**

SoCalGas GAS TRANSMISSION OPERATIONS & CONSTRUCTION Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP/Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference ($k	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
Capital	GAS TRANSMISSION OPERATIONS & CONSTRUCTION	GAS TRANSMISSION OPERATIONS & CONSTRUCTION				Yes	107,466	(104,965)	(107,790)	(110,933)	107,466	100%	-100%	-100%	-100%	100%
Capital	GAS TRANSMISSION	GAS TRANSMISSION CAPITAL TOOLS	Non-RAMP	Non-RAMP	Non-RAMP	No	(703)	(916)	(943)	(971)	(703)	-79%	-100%	-100%	-100%	-79%
Capital	GAS TRANSMISSION	**Sub Total GAS TRANSMISSION CAPITAL TOOLS**				Yes	(703)	(916)	(943)	(971)	(703)	-79%	-100%	-100%	-100%	-79%
Capital	GAS TRANSMISSION	GAS TRANSMISSION - SOFTWARE	Non-RAMP	Non-RAMP	Non-RAMP	No	731	—	—	—	731	100%	—%	—%	—%	100%
Capital	GAS TRANSMISSION	**Sub Total GAS TRANSMISSION - SOFTWARE**				Yes	731	—	—	—	731	100%	—%	—%	—%	100%
Capital	GAS TRANSMISSION	GO CC (GAS OPS CONTROL CENTER) TRANSMISSION PROJECT	Excavation Damage (Dig-In) on the Gas System	Pipeline Monitoring Technologies	N/A	No	4,183	(2,092)	(2,155)	(2,220)	4,183	206%	-100%	-100%	-100%	206%
Capital	GAS TRANSMISSION	**Sub Total GOCC (GAS OPS CONTROL CENTER) TRANSMISSION PROJECT**				Yes	4,183	(2,092)	(2,155)	(2,220)	4,183	206%	-100%	-100%	-100%	206%
Capital	GAS TRANSMISSION	GF AUX EQUIPMENT& INFRASTRUCTURE	Incident Involving an Employee	Workplace Violence Prevention Program Enhancements	Non-vehicle Incident	No	(81)	(83)	(85)	(88)	(81)	-100%	-100%	-100%	-100%	-100%
Capital	GAS TRANSMISSION	GF AUX EQUIPMENT& INFRASTRUCTURE	Incident Related to the High Pressure System (Excluding Dig-in)	Security and Auxiliary Equipment	Overall	No	4,655	(720)	(742)	(764)	4,655	666%	-100%	-100%	-100%	666%
Capital	GAS TRANSMISSION	GF AUX EQUIPMENT& INFRASTRUCTURE	Physical Security	RAMP SCG - CFF - 5 Physical Security	RAMP SCG - CFF - 5 Physical Security	No	(2,310)	(2,276)	(2,344)	(2,414)	(2,210)	-100%	-100%	-100%	-100%	-100%
Capital	**GAS TRANSMISSION**	**Sub Total GT AUX EQUIPMENT& INFRASTRUCTURE**				**Yes**	**2,264**	**(3,079)**	**(3,171)**	**(3,266)**	**2,264**	**79%**	**-100%**	**-100%**	**-100%**	**79%**
Capital	GAS TRANSMISSION	GF BUILDINGS & IMPROVEMENTS	Non-RAMP	Non-RAMP	Non-RAMP	No	(68)	(1,027)	(1,058)	(1,090)	(68)	-9%	-100%	-100%	-100%	-9%
Capital	GAS TRANSMISSION	**Sub Total GT BUILDINGS & IMPROVEMENTS**				Yes	**(68)**	**(1,027)**	**(1,058)**	**(1,090)**	**(86)**	**-9%**	**-100%**	**-100%**	**-100%**	**-9%**
Capital	GAS TRANSMISSION	GF CATHODIC PROTECTION	Incident Related to the High Pressure System (Excluding Dig-in)	Cathodic Protection - Capital (HCA & Non-HCA)	Transmission - HCA	No	712	(2,371)	(2,442)	(2,516)	712	31%	-100%	-100%	-100%	31%
Capital	GAS TRANSMISSION	GF CATHODIC PROTECTION	Incident Related to the High Pressure System (Excluding Dig-in)	Cathodic Protection - Capital (HCA & Non-HCA)	Transmission - Non-HCA	No	1,444	(4,814)	(4,959)	(5,107)	1,444	31%	-100%	-100%	-100%	31%
Capital	**GAS TRANSMISSION**	**Sub Total GT CATHODIC PROTECTION**				**Yes**	**2,156**	**(7,185)**	**(7,401)**	**(7,623)**	**2,156**	**31%**	**-100%**	**-100%**	**-100%**	**31%**
Capital	GAS TRANSMISSION	GF COMPRESSOR STATIONS ADDITIONS/REPLACEMENTS	Incident Related to the High Pressure System (Excluding Dig-in)	Compressor Stations - Capital	Transmission - Facilities	No	42,694	(10,264)	(10,572)	(10,889)	42,694	428%	-100%	-100%	-100%	428%
Capital	**GAS TRANSMISSION**	**Sub Total GT COMPRESSOR STATIONS ADDITIONS/REPLACEMENTS**				**Yes**	**42,694**	**(10,264)**	**(10,572)**	**(10,889)**	**42,694**	**428%**	**-100%**	**-100%**	**-100%**	**428%**
Capital	GAS TRANSMISSION	GF COMPRESSOR STATIONS ADDITIONS/REPLACEMENTS QUALITY/ECONOMIC DRIVEN	Non-RAMP	Non-RAMP	Non-RAMP	No	5,050	—	—	—	5,050	100%	—%	—%	—%	100%
Capital	**GAS TRANSMISSION**	**Sub Total GT COMPRESSOR STATIONS ADDITIONS/REPLACEMENTS QUALITY/ECONOMIC DRIVEN**				**Yes**	**5,050**	—	—	—	**5,050**	**100%**	—%	—%	—%	**100%**
Capital	GAS TRANSMISSION	GF M&R STATIONS ADDITIONS/REPLACEMENTS	Non-RAMP	Non-RAMP	Non-RAMP	No	(690)	(649)	(668)	(688)	(650)	-100%	-100%	-100%	-100%	-100%
Capital	GAS TRANSMISSION	GF M&R STATIONS ADDITIONS/REPLACEMENTS	Incident Related to the High Pressure System (Excluding Dig-in)	Measurement & Regulation - Capital (HCA & Non-HCA)	Transmission - HCA	No	9,403	(11,854)	(12,209)	(12,576)	9,403	82%	-100%	-100%	-100%	82%

SoCalGas GAS TRANSMISSION OPERATIONS & CONSTRUCTION Capital

Type	Witness Area (List of Witness)	WP Activity Description (Spreadhsee Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Transfer	Rollup	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference (3)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
Capital	GAS TRANSMISSION	GT M&R STATIONS ADDITIONS/REPLACEMENTS	Incident Related to the High Pressure System (Excluding Digs-in)	Measurement & Regulation - Capital (HCA & Non-HCA)	Transmissio n - Non-HCA	No	19,085	(24,070)	(24,792)	(25,536)	19,085	82%	-100%	-100%	-100%	82%
Capital	GAS TRANSMISSION	Sub Total GT M&R STATIONS ADDITIONS/REPLACEMENTS				Yes	27,056	(36,573)	(37,669)	(38,800)	27,056	78%	-100%	-100%	-100%	78%

SoCalGas GAS TRANSMISSION OPERATIONS & CONSTRUCTION Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spreadsheet Category)	RAMP/Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference (3)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
Capital	GAS TRANSMISSION	CP PIPELINE RELOCATION-FRANCHISE/PRIVATE/ROW	Non-RAMP	Non-RAMP	Non-RAMP	No	(174)	(179)	(184)	(190)	(174)	-100%	-100%	-100%	-100%	-100%
Capital	GAS TRANSMISSION	CP PIPELINE RELOCATION-FRANCHISE/PRIVATE/ROW	Incident Related to the High Pressure System (Excluding Dig-in)	Pipeline Relocation/ Replacement (HCA and Non-HCA)	Transmissio n - HCA	No	(1,869)	(2,319)	(2,388)	(2,460)	(1,569)	-70%	-100%	-100%	-100%	-70%
Capital	GAS TRANSMISSION	CP PIPELINE RELOCATION-FRANCHISE/PRIVATE/ROW	Incident Related to the High Pressure System (Excluding Dig-in)	Pipeline Relocation/ Replacement (HCA and Non-HCA)	Transmissio n - Non-HCA	No	(3, 187)	(4,709)	(4,851)	(4,996)	(3,187)	-70%	-100%	-100%	-100%	-70%
Capital	GAS TRANSMISSION	Sub Total GT PIPELINE RELOCATION-FRANCHISE/PRIVATE/ROW				Yes	(6,939)	(7,207)	(7,423)	(7,646)	(6,939)	-70%	-100%	-100%	-100%	-70%
Capital	GAS TRANSMISSION	CP PIPELINE RELOCATION-FREEWAY	Non-RAMP	Non-RAMP	Non-RAMP	No	305	(200)	(212)	(218)	305	153%	-100%	-100%	-100%	153%
Capital	GAS TRANSMISSION	Sub Total GT PIPELINE RELOCATION-FREEWAY				Yes	305	(200)	(212)	(218)	305	153%	-100%	-100%	-100%	153%
Capital	GAS TRANSMISSION	CP PIPELINE REPLACEMENTS	Incident Related to the High Pressure System (Excluding Dig-in)	Leak Repair T1 & T2 (HCA and Non-HCA)	Transmissio n - HCA	No	3,265	(3,556)	(3,663)	(3,773)	3,265	95%	-100%	-100%	-100%	95%
Capital	GAS TRANSMISSION	CP PIPELINE REPLACEMENTS	Incident Related to the High Pressure System (Excluding Dig-in)	Leak Repair T1 & T2 (HCA and Non-HCA)	Transmissio n - Non-HCA	No	6,621	(7,221)	(7,437)	(7,660)	6,621	94%	-100%	-100%	-100%	90%
Capital	GAS TRANSMISSION	CP PIPELINE REPLACEMENTS	Incident Related to the High Pressure System (Excluding Dig-in)	Pipeline Relocation/ Replacement (HCA & Non-HCA)	Transmissio n - HCA	No	(806)	(7,085)	(7,298)	(7,517)	(806)	-12%	-100%	-100%	-100%	-12%
Capital	GAS TRANSMISSION	CP PIPELINE REPLACEMENTS	Incident Related to the High Pressure System (Excluding Dig-in)	Pipeline Relocation/ Replacement (HCA & Non-HCA)	Transmissio n - Non-HCA	No	(1, 757)	(14,384)	(14,815)	(15,259)	(1,757)	-12%	-100%	-100%	-100%	-12%
Capital	GAS TRANSMISSION	CP PIPELINE REPLACEMENTS	Incident Related to the High Pressure System (Excluding Dig-in)	Shallow/ Exposed Pipe Remediations (HCA & Non-HCA)	Transmissio n - HCA	No	5,043	(1,186)	(1,221)	(1,258)	5,043	508%	-100%	-100%	-100%	508%
Capital	GAS TRANSMISSION	CP PIPELINE REPLACEMENTS	Incident Related to the High Pressure System (Excluding Dig-in)	Shallow/ Exposed Pipe Remediations (HCA & Non-HCA)	Transmissio n - Non-HCA	No	11,971	(2,407)	(2,480)	(2,554)	11,971	512%	-100%	-100%	-100%	512%
Capital	GAS TRANSMISSION	Sub Total GT PIPELINE REPLACEMENTS				Yes	25,157	(35,839)	(26,916)	(28,031)	20,157	72%	-100%	-100%	-100%	72%
Capital	GAS TRANSMISSION	CP PIPELINES - NEW ADDITIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	2,891	(177)	(182)	(187)	2,891	1681%	-100%	-100%	-100%	1681%
Capital	GAS TRANSMISSION	Sub Total GT PIPELINES - NEW ADDITIONS				Yes	2,891	(177)	(182)	(187)	2,891	1681%	-100%	-100%	-100%	1681%

SoCalGas GAS TRANSMISSION OPERATIONS & CONSTRUCTION Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
Capital	GAS TRANSMISSION OPERATIONS & CONSTRUCTION	GAS TRANSMISSION OPERATIONS & CONSTRUCTION				Yes																					
Capital	GAS TRANSMISSION	GAS TRANSMISSION CAPITAL TOOLS	Non-RAMP	Non-RAMP	Non-RAMP	No	The activities tracked within this category are for projects associated with the replacement and purchase of required capital tools. Costs associated with this category vary significantly from item to item and from year to year. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																				
Capital	GAS TRANSMISSION	Sub Total GAS TRANSMISSION CAPITAL TOOLS				Yes																					
Capital	GAS TRANSMISSION	GAS TRANSMISSION - SOFTWARE	Non-RAMP	Non-RAMP	Non-RAMP	No	The Gas Transmission - Software project consists of a variety of activities related to the Maximo program that is used to manage all Gas Transmission projects. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																				
Capital	GAS TRANSMISSION	Sub Total GAS TRANSMISSION - SOFTWARE				Yes																					
Capital	GAS TRANSMISSION	GOCC (GAS OPS CONTROL CENTER) TRANSMISSION PROJECT	Excavation Damage (Dig-In) on the Gas System	Pipeline Monitoring Technologies	N/A	No	The activities tracked within this category are for projects associated with pipeline monitoring technologies. The scope of work is project-specific and varies significantly from project to project. Accordingly, project costs vary significantly from project to project as well. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																				
Capital	GAS TRANSMISSION	Sub Total GOCC (GAS OPS CONTROL CENTER) TRANSMISSION PROJECT				Yes																					
Capital	GAS TRANSMISSION	GT AUX. EQUIPMENT& INFRASTRUCTURE	Incident Involving an Employee	Workplace Violence Prevention Program Enhancements	Non-vehicle Incident	No	The activities tracked within this category are for projects associated with workplace violence prevention program enhancement. The scope of work is project-specific and varies significantly from project to project. Accordingly, project costs vary significantly from project to project as well. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																				
Capital	GAS TRANSMISSION	GT AUX. EQUIPMENT& INFRASTRUCTURE	Incident Related to the High Pressure System (Excluding Dig-in)	Security and Auxiliary Equipment	Overall	No	The activities tracked within this category are for projects associated with security and auxiliary equipment. The scope of work is project-specific and varies significantly from project to project. Accordingly, project costs vary significantly from project to project as well. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																				
Capital	GAS TRANSMISSION	GT AUX. EQUIPMENT& INFRASTRUCTURE	Physical Security	RAMP SCG - CFF - 5 Physical Security	RAMP SCG - CFF - 5 Physical Security	No	The activities tracked within this category are for projects associated with physical security. The scope of work is project-specific and varies significantly from project to project. Accordingly, project costs vary significantly from project to project as well. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																				
Capital	GAS TRANSMISSION	Sub Total GT AUX. EQUIPMENT& INFRASTRUCTURE				Yes																					
Capital	GAS TRANSMISSION	GT BUILDINGS & IMPROVEMENTS	Non-RAMP	Non-RAMP	Non-RAMP	No																					
Capital	GAS TRANSMISSION	Sub Total GT BUILDINGS & IMPROVEMENTS				Yes																					
Capital	GAS TRANSMISSION	GT CATHODIC PROTECTION	Incident Related to the High Pressure System (Excluding Dig-in)	Cathodic Protection - Capital (HCA & Non-HCA)	Transmission - HCA	No	The activities tracked within this category are for projects associated with the installation of cathodic protection equipment used to preserve transmission pipelines, such as surface anodes, rectifiers, and cathodic protection stations. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																				
Capital	GAS TRANSMISSION	GT CATHODIC PROTECTION	Incident Related to the High Pressure System (Excluding Dig-in)	Cathodic Protection - Capital (HCA & Non-HCA)	Transmission - Non-HCA	No	The activities tracked within this category are for projects associated with the installation of cathodic protection equipment used to preserve transmission pipelines, such as surface anodes, rectifiers, and cathodic protection stations. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																				
Capital	GAS TRANSMISSION	Sub Total GT CATHODIC PROTECTION				Yes																					
Capital	GAS TRANSMISSION	GT COMPRESSOR STATIONS ADDITIONS/REPLACEMENTS	Incident Related to the High Pressure System (Excluding Dig-in)	Compressor Stations - Capital	Transmission - Facilities	No	The activities tracked within this category are for projects associated with the replacement of compression station equipment. The scope of work is project-specific and varies significantly from project to project (i.e., automated data gathering systems, replacing outdated technology, emissions monitoring, catalyst, and combustion technologies, etc.). Accordingly, project costs vary significantly from project to project as well. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																				
Capital	GAS TRANSMISSION	Sub Total GT COMPRESSOR STATIONS ADDITIONS/REPLACEMENTS				Yes																					
Capital	GAS TRANSMISSION	GT COMPRESSOR STATIONS ADDITIONS/REPLACEMENTS QUALITY/ECONOMIC DRIVEN	Non-RAMP	Non-RAMP	Non-RAMP	No	The Hyde Compressor Station Modernization project consists of a variety of activities including installation of two new compressors and a compressor building (Plant 4), rebuilding five existing compressors (Units 11-15) and installing clean burn emission reduction technology (Plant 2), installation of a new operations building, new electric generators, cooling tower apparatus, underground and aboveground pipelines, and other infrastructure. SoCalGas has completed construction, installation, and commissioning of Plant 4. Units 11, 12, 14, and 15 have been retrofitted and commissioned. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																				
Capital	GAS TRANSMISSION	Sub Total GT COMPRESSOR STATIONS ADDITIONS/REPLACEMENTS QUALITY/ECONOMIC DRIVEN				Yes																					
Capital	GAS TRANSMISSION	GT M&R STATIONS ADDITIONS/REPLACEMENTS	Non-RAMP	Non-RAMP	Non-RAMP	No	The activities tracked within this category are for projects associated with installing and rebuilding meter set assemblies and pressure limiting stations. The scope of work is project-specific and varies significantly from project to project (e.g., station piping, valves, regulators, control and communications equipment, shelters, enclosures, etc.). Accordingly, project costs vary significantly from project to project as well. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																				
Capital	GAS TRANSMISSION	GT M&R STATIONS ADDITIONS/REPLACEMENTS	Incident Related to the High Pressure System (Excluding Dig-in)	Measurement & Regulation - Capital (HCA & Non-HCA)	Transmission - HCA	No	The activities tracked within this category are for projects associated with installing and rebuilding meter set assemblies and pressure limiting stations. The scope of work is project-specific and varies significantly from project to project (e.g., station piping, valves, regulators, control and communications equipment, shelters, enclosures, etc.). Accordingly, project costs vary significantly from project to project as well. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																				

SoCalGas GAS TRANSMISSION OPERATIONS & CONSTRUCTION Capital

Type	Witness Area (List of Business)	WP Activity Description (Spreadsheet Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Transfer	Rollup	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
Capital	GAS TRANSMISSION	GT M&R STATIONS ADDITIONS/REPLACEMENTS	Incident Related to the High Pressure System (Excluding Digs-in)	Measurement & Regulation - Capital (HCA & Non-HCA)	Transmission - Non-HCA	No	The activities tracked within this category are for projects associated with installing and rebuilding meter set assemblies and pressure limiting stations. The scope of work is project-specific and varies significantly from project to project (e.g., station piping, valves, regulators, control and communications equipment, shelters, enclosure, etc.). Accordingly, project costs vary significantly from project to project as well. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																		
Capital	GAS TRANSMISSION	Sub Total GT M&R STATIONS ADDITIONS/REPLACEMENTS				Yes																					

SoCalGas GAS TRANSMISSION OPERATIONS & CONSTRUCTION Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spreadsheet Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Transfer	Rollup	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
Capital	GAS TRANSMISSION	GT PIPELINE RELOCATION-FRANCHISE/PRIVATE/ROW	Non-RAMP	Non-RAMP	Non-RAMP	No	This activity is associated with this category include expenditures associated with relocating or altering SoCalGas facilities in response to private property or external requests, as specified under the provisions of SoCalGas's franchise agreements with city and county agencies. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																			
Capital	GAS TRANSMISSION	GT PIPELINE RELOCATION-FRANCHISE/PRIVATE/ROW	Incident Related to the High Pressure System (Excluding Dig-in)	Pipeline Relocation/ Replacement (HCA and Non-HCA)	Transmissio n - HCA	No	This activity is associated with this category include expenditures associated with relocating or altering SoCalGas facilities in response to private property or external requests, as specified under the provisions of SoCalGas's franchise agreements with city and county agencies. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																			
Capital	GAS TRANSMISSION	GT PIPELINE RELOCATION-FRANCHISE/PRIVATE/ROW	Incident Related to the High Pressure System (Excluding Dig-in)	Pipeline Relocation/ Replacement (HCA and Non-HCA)	Transmissio n - Non-HCA	No	This activity is associated with this category include expenditures associated with relocating or altering SoCalGas facilities in response to private property or external requests, as specified under the provisions of SoCalGas's franchise agreements with city and county agencies. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																			
Capital	GAS TRANSMISSION	Sub Total GT PIPELINE RELOCATION-FRANCHISE/PRIVATE/ROW				Yes																					
Capital	GAS TRANSMISSION	GT PIPELINE RELOCATION-FREEWAY	Non-RAMP	Non-RAMP	Non-RAMP	No	This activity is associated with this category include expenditures associated with relocating or altering SoCalGas facilities in response to Cal Trans requests. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																			
Capital	GAS TRANSMISSION	Sub Total GT PIPELINE RELOCATION-FREEWAY				Yes																					
Capital	GAS TRANSMISSION	GT PIPELINE REPLACEMENTS	Incident Related to the High Pressure System (Excluding Dig-in)	Leak Repair T1 & T2 (HCA and Non-HCA)	Transmissio n - HCA	No	The activities tracked within this category are for projects associated with the replacement of pipelines to address identified leaks. The scope of work is project-specific and varies significantly from project to project (i.e., pipe size, location, installation method, etc.). Accordingly, project costs vary significantly from project to project as well. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																			
Capital	GAS TRANSMISSION	GT PIPELINE REPLACEMENTS	Incident Related to the High Pressure System (Excluding Dig-in)	Leak Repair T1 & T2 (HCA and Non-HCA)	Transmissio n - Non-HCA	No	The activities tracked within this category are for projects associated with the replacement of pipelines to address identified leaks. The scope of work is project-specific and varies significantly from project to project (i.e., pipe size, location, installation method, etc.). Accordingly, project costs vary significantly from project to project as well. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																			
Capital	GAS TRANSMISSION	GT PIPELINE REPLACEMENTS	Incident Related to the High Pressure System (Excluding Dig-in)	Pipeline Relocation/ Replacement (HCA & Non-HCA)	Transmissio n - HCA	No	This activity is associated with the replacement of pipelines due to the condition or hazardous conditions affecting the pipelines such as poor coating and changes to the class location of the pipeline. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																			
Capital	GAS TRANSMISSION	GT PIPELINE REPLACEMENTS	Incident Related to the High Pressure System (Excluding Dig-in)	Pipeline Relocation/ Replacement (HCA & Non-HCA)	Transmissio n - Non-HCA	No	This activity is associated with the replacement of pipelines due to the condition or hazardous conditions affecting the pipelines such as poor coating and changes to the class location of the pipeline. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																			
Capital	GAS TRANSMISSION	GT PIPELINE REPLACEMENTS	Incident Related to the High Pressure System (Excluding Dig-in)	Shallow/ Exposed Pipe Remediations (HCA & Non-HCA)	Transmissio n - HCA	No	This activity is associated with the replacement of pipelines due to the condition or hazardous conditions affecting the pipelines such as erosion and exposure of the pipeline. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																			
Capital	GAS TRANSMISSION	GT PIPELINE REPLACEMENTS	Incident Related to the High Pressure System (Excluding Dig-in)	Shallow/ Exposed Pipe Remediations (HCA & Non-HCA)	Transmissio n - Non-HCA	No	This activity is associated with the replacement of pipelines due to the condition or hazardous conditions affecting the pipelines such as erosion and exposure of the pipeline. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																			
Capital	GAS TRANSMISSION	Sub Total GT PIPELINE REPLACEMENTS				Yes																					
Capital	GAS TRANSMISSION	GT PIPELINES - NEW ADDITIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	The activities tracked within this category are for projects associated with the installation of new pipeline to provide increased resiliency, capacity, and reliability. The scope of work is project-specific and varies significantly from project to project (e.g., pipe size, location, valves, fittings). Accordingly, project costs vary significantly from project to project as well. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																			
Capital	GAS TRANSMISSION	Sub Total GT PIPELINES - NEW ADDITIONS				Yes																					

SoCalGas GAS TRANSMISSION OPERATIONS & CONSTRUCTION Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup?	Safety, Reliability, or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status	Status Variance Explanation Required?
Capital	GAS TRANSMISSION OPERATIONS & CONSTRUCTION	GAS TRANSMISSION OPERATIONS & CONSTRUCTION				Yes										
Capital	GAS TRANSMISSION	GAS TRANSMISSION CAPITAL TOOLS	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	Under (U)	Proceeding as Planned	NO
Capital	GAS TRANSMISSION	Sub Total GAS TRANSMISSION CAPITAL TOOLS				Yes	YES	NO								NO
Capital	GAS TRANSMISSION	GAS TRANSMISSION - SOFTWARE	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	Over (O)	Proceeding as Planned	NO
Capital	GAS TRANSMISSION	Sub Total GAS TRANSMISSION – SOFTWARE				Yes	YES	NO								NO
Capital	GAS TRANSMISSION	GOCC (GAS OPS CONTROL CENTER) TRANSMISSION PROJECT	Excavation Damage (Dig-In) on the Gas System	Pipeline Monitoring Technologies	N/A	No	YES	YES	NO	Costs associated with this scope of work were previously below authorized compared to the authorized amount in prior years. Due to an accelerated effort to install HCA methane sensors to meet the targets outlined in the GRC filing, the costs for 2024 exceeded the authorized amount.	N/A	On Target (T)	Under (U)	Over (O)	Proceeding as Planned	NO
Capital	GAS TRANSMISSION	Sub Total GOCC (GAS OPS CONTROL CENTER) TRANSMISSION PROJECT				Yes	YES	YES								NO
Capital	GAS TRANSMISSION	GT AUX EQUIPMENT& INFRASTRUCTURE	Incident Involving an Employee	Workplace Violence Prevention Program Enhancements	Non-vehicle Incident	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	Under (U)	Proceeding as Planned	YES
Capital	GAS TRANSMISSION	GT AUX EQUIPMENT& INFRASTRUCTURE	Incident Related to the High Pressure System (Excluding Dig-in)	Security and Auxiliary Equipment	Overall	No	YES	YES	NO	The cost variance in this category is due to no Physical Security projects being scheduled in 2024. A portion of the forecasted costs were reprioritized to Security and Auxiliary projects.	N/A	On Target (T)	On Target (T)	Over (O)	Proceeding as Planned	NO
Capital	GAS TRANSMISSION	GT AUX EQUIPMENT& INFRASTRUCTURE	Physical Security	RAMP SCG - CFF - 5 Physical Security	RAMP SCG - CFF - 5 Physical Security	No	YES	YES	NO	The cost variance in this category is due to no Physical Security projects being scheduled in 2024. A portion of the forecasted costs were reprioritized to additional Security and Auxiliary projects.	N/A	On Target (T)	On Target (T)	Under (U)	Proceeding as Planned	YES
Capital	GAS TRANSMISSION	Sub Total GT AUX EQUIPMENT& INFRASTRUCTURE				Yes	YES	YES								NO
Capital	GAS TRANSMISSION	GT BUILDINGS & IMPROVEMENTS	Non-RAMP	Non-RAMP	Non-RAMP	No	NO									
Capital	GAS TRANSMISSION	Sub Total GT BUILDINGS & IMPROVEMENTS				Yes	NO									
Capital	GAS TRANSMISSION	GT CATHODIC PROTECTION	Incident Related to the High Pressure System (Excluding Dig-in)	Cathodic Protection - Capital (HCA & Non-HCA)	Transmission - HCA	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	Over (O)	Proceeding as Planned	NO
Capital	GAS TRANSMISSION	GT CATHODIC PROTECTION	Incident Related to the High Pressure System (Excluding Dig-in)	Cathodic Protection - Capital (HCA & Non-HCA)	Transmission - Non-HCA	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	Over (O)	Proceeding as Planned	NO
Capital	**GAS TRANSMISSION**	**Sub Total GT CATHODIC PROTECTION**				**Yes**	**YES**	**YES**		**The cost variance in this category is due to a higher number of cathodic protection projects than was anticipated. The TY 2024 forecast was developed using a five-year average and during those years, out of tolerance (OOT) projects was the primary driver of work. In 2024, many preventive projects were also completed to address equipment**						**NO**
Capital	GAS TRANSMISSION	GT COMPRESSOR STATIONS ADDITIONS/REPLACEMENTS	Incident Related to the High Pressure System (Excluding Dig-in)	Compressor Stations - Capital	Transmission - Facilities	No	YES	YES	NO	The cost variance in this category is primarily due to capital improvements at the Blythe Compressor Station and other capital work associated with aging infrastructure, equipment replacement, major maintenance and overhauls that were required to support system capacity and reliability across all compressor stations.	N/A	On Target (T)	On Target (T)	Over (O)	Proceeding as Planned	NO
Capital	GAS TRANSMISSION	Sub Total GT COMPRESSOR STATIONS ADDITIONS/REPLACEMENTS				Yes	YES	YES								NO
Capital	GAS TRANSMISSION	GT COMPRESSOR STATIONS ADDITIONS/REPLACEMENTS QUALITY/ECONOMIC DRIVEN	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	YES	NO	The cost variance for the Blythe Compressor Station Modernization project is attributed to various post-construction project activities necessary to complete the scope of work for the project and associated trailing costs.	N/A	On Target (T)	Over (O)	Over (O)	Proceeding as Planned	NO
Capital	GAS TRANSMISSION	Sub Total GT COMPRESSOR STATIONS ADDITIONS/REPLACEMENTS QUALITY/ECONOMIC DRIVEN				Yes	YES	YES								NO
Capital	GAS TRANSMISSION	GT M&R STATIONS ADDITIONS/REPLACEMENTS	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	Under (U)	Under (U)	Under (U)	Other	YES
Capital	GAS TRANSMISSION	GT M&R STATIONS ADDITIONS/REPLACEMENTS	Incident Related to the High Pressure System (Excluding Dig-in)	Measurement & Regulation - Capital (HCA & Non-HCA)	Transmission - HCA	No	YES	YES	NO	The cost variance in this category is due to aging infrastructure, equipment replacement, major maintenance, and overhauls that were required to support capacity and reliability across several pipeline pressure limiting stations. Postponed pipeline outages from prior years that were executed in 2024 also contributed to the increased spend.	N/A	On Target (T)	On Target (T)	Over (O)	Proceeding as Planned	NO

SoCalGas GAS TRANSMISSION OPERATIONS & CONSTRUCTION Capital

Type	Witness Area (List of Business)	WP Activity Description (Spreadsheet Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Safety, Reliability, or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Score Status	Forecast Schedule Status	Forecast Spending Status	Status	Status Variance Explanation Required?
Capital	GAS TRANSMISSION	GT M&R STATIONS ADDITIONS/REPLACEMENTS	Incident Related to the High Pressure System (Excluding Digs-in)	Measurement & Regulation - Capital (IDCA & Non-IDCA)	Transmission - Non-IDCA	No	YES	YES	NO	The cost variance in this category is due to fewer requests for Pipeline Relocation - Franchise/ Private ROW projects than was anticipated. These projects are customer driven and are developed to relocate or alter SoCalGas facilities in response to private property and external requests as specified under the provisions of SoCalGas's franchise agreements with city or county agencies.	N/A	On Target (T)	On Target (T)	Over (O)	Proceeding as Planned	NO
Capital	GAS TRANSMISSION	Sub Total GT M&R STATIONS ADDITIONS/REPLACEMENTS				Yes	YES	YES								NO

SoCalGas GAS TRANSMISSION OPERATIONS & CONSTRUCTION Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spreadsheet Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Safety, Reliability, or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Score Status	Forecast Schedule Status	Forecast Spending Status	Status	Status Variance Explanation Required?
Capital	GAS TRANSMISSION	CP PIPELINE RELOCATION-FRANCHISE/PRIVATE/ROW	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	Under (U)	Under (U)	Under (U)	Other	YES
Capital	GAS TRANSMISSION	CP PIPELINE RELOCATION-FRANCHISE/PRIVATE/ROW	Incident Related to the High Pressure System (Excluding Dig-in)	Pipeline Relocation/ Replacement (HCA and Non-HCA)	Transmissio n - HCA	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	Under (U)	Proceeding as Planned	NO
Capital	GAS TRANSMISSION	CP PIPELINE RELOCATION-FRANCHISE/PRIVATE/ROW	Incident Related to the High Pressure System (Excluding Dig-in)	Pipeline Relocation/ Replacement (HCA and Non-HCA)	Transmissio n - Non-HCA	No	YES	YES	NO	The cost variance in this category is due to fewer requests for Pipeline Relocation - Franchise/ Private/ ROW projects than was anticipated. These projects are customer driven and are developed to relocate or alter SoCalGas facilities in response to private property and external requests as specified under the provisions of SoCalGas's franchise agreements with city or county agencies.	N/A	On Target (T)	On Target (T)	Under (U)	Proceeding as Planned	NO
Capital	**GAS TRANSMISSION**	**Sub Total GT PIPELINE RELOCATION-FRANCHISE/PRIVATE/ROW**				**Yes**	**YES**	**YES**								**NO**
Capital	GAS TRANSMISSION	CP PIPELINE RELOCATION-FREEWAY	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	Over (O)	Proceeding as Planned	NO
Capital	**GAS TRANSMISSION**	**Sub Total GT PIPELINE RELOCATION-FREEWAY**				**Yes**	**YES**	**NO**								**NO**
Capital	GAS TRANSMISSION	CP PIPELINE REPLACEMENTS	Incident Related to the High Pressure System (Excluding Dig-in)	Leak Repair T1 & T2 (HCA and Non-HCA)	Transmissio n - HCA	No	YES	YES	NO	The cost variance in this category is due to a higher number of leak repair projects than was anticipated. Weather was a factor in the increase of leak projects.	N/A	On Target (T)	On Target (T)	Over (O)	Proceeding as Planned	NO
Capital	GAS TRANSMISSION	CP PIPELINE REPLACEMENTS	Incident Related to the High Pressure System (Excluding Dig-in)	Leak Repair T1 & T2 (HCA and Non-HCA)	Transmissio n - Non-HCA	No	YES	YES	NO	The cost variance in this category is due to a higher number of leak repair projects than was anticipated. Weather was a factor in the increase of leak projects.	N/A	On Target (T)	On Target (T)	Over (O)	Proceeding as Planned	NO
Capital	GAS TRANSMISSION	CP PIPELINE REPLACEMENTS	Incident Related to the High Pressure System (Excluding Dig-in)	Pipeline Relocation/ Replacement (HCA & Non-HCA)	Transmissio n - HCA	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	GAS TRANSMISSION	CP PIPELINE REPLACEMENTS	Incident Related to the High Pressure System (Excluding Dig-in)	Pipeline Relocation/ Replacement (HCA & Non-HCA)	Transmissio n - Non-HCA	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	GAS TRANSMISSION	CP PIPELINE REPLACEMENTS	Incident Related to the High Pressure System (Excluding Dig-in)	Shallow/ Exposed Pipe Remediations (HCA & Non-HCA)	Transmissio n - HCA	No	YES	YES	NO	The cost variance in this category is due to a higher number of shallow exposure projects than was anticipated. Weather was a factor in the increase of erosion that led to shallow exposure projects.	N/A	On Target (T)	On Target (T)	Over (O)	Proceeding as Planned	NO
Capital	GAS TRANSMISSION	CP PIPELINE REPLACEMENTS	Incident Related to the High Pressure System (Excluding Dig-in)	Shallow/ Exposed Pipe Remediations (HCA & Non-HCA)	Transmissio n - Non-HCA	No	YES	YES	NO	The cost variance in this category is due to a higher number of shallow exposure projects than was anticipated. Weather was a factor in the increase of erosion that led to shallow exposure projects.	N/A	On Target (T)	On Target (T)	Over (O)	Proceeding as Planned	NO
Capital	**GAS TRANSMISSION**	**Sub Total GT PIPELINE REPLACEMENTS**				**Yes**	**YES**	**YES**								**NO**
Capital	GAS TRANSMISSION	CP PIPELINES - NEW ADDITIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	YES	NO	The cost variance in this category is due to higher than anticipated spending in 2024. The collectible Lakewood project experienced a delay in payment from the customer which caused a delay to the project schedule. The costs incurred in 2024 represent material purchases that were originally anticipated to occur in a previous year.	N/A	On Target (T)	Over (O)	Over (O)	Proceeding as Planned	NO
Capital	**GAS TRANSMISSION**	**Sub Total GT PIPELINES - NEW ADDITIONS**				**Yes**	**YES**	**YES**								**NO**

SoCalGas GAS TRANSMISSION OPERATIONS & CONSTRUCTION Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Status Variance Explanation	WP Activity Description	2024 GRC Testimony Location
Capital	GAS TRANSMISSION OPERATIONS & CONSTRUCTION	GAS TRANSMISSION OPERATIONS & CONSTRUCTION				Yes			
Capital	GAS TRANSMISSION	GAS TRANSMISSION CAPITAL TOOLS	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
Capital	GAS TRANSMISSION	Sub Total GAS TRANSMISSION CAPITAL TOOLS				Yes			
Capital	GAS TRANSMISSION	GAS TRANSMISSION - SOFTWARE	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
Capital	GAS TRANSMISSION	Sub Total GAS TRANSMISSION - SOFTWARE				Yes			
Capital	GAS TRANSMISSION	GOCC (GAS OPS CONTROL CENTER) TRANSMISSION PROJECT	Excavation Damage (Dig-In) on the Gas System	Pipeline Monitoring Technologies	N/A	No	N/A	The purpose of the Control Center Modernization (CCM) project is to construct a new modernized Gas Control facility which will include advanced technology and be sized to accommodate the expanding workforce needed to monitor, maintain, and respond to data transmitted by the newly deployed field assets and incidents on a continuous 24/7 basis. The work detailed in this section are related to the field assets that will be deployed on the SoCalGas transmission system, specifically the optical pipeline monitoring (OPM) stations and high consequence area (HCA) methane sensors. These assets will provide additional insight to Gas Control on the overall health of the gas transmission system. Once a pipeline right-of-way has been outfitted with a fiber line, OPM stations will help Gas Control identify a potential leak or when ground intrusion or movement has occurred. The HCA Methane Sensors will enhance the safety of the SoCalGas system by detecting methane leaks on gas transmission pipelines that are near high-occupancy areas and pose evacuation challenges	SCG-06-2R-E CHB-83 to CHB-87 CWP 004001
Capital	GAS TRANSMISSION	Sub Total GOCC (GAS OPS CONTROL CENTER) TRANSMISSION PROJECT				Yes			
Capital	GAS TRANSMISSION	GF AUX EQUIPMENT& INFRASTRUCTURE	Incident Involving an Employee	Workplace Violence Prevention Program Enhancements	Non-vehicle Incident	No	This cost category is proceeding as planned although no costs were claimed in 2024. Costs are anticipated in this category in future years	Workplace Violence Prevention Program Enhancements include the use of physical security systems and annual training for employees. The purpose of these activities is to reduce the likelihood of a workplace violence event by increasing protective measures at Company facilities that have employees.	SCG-06-2R-E CHB-8 to CHB-80 CWP 003000.001
Capital	GAS TRANSMISSION	GF AUX EQUIPMENT& INFRASTRUCTURE	Incident Related to the High Pressure System (Excluding Dig-in)	Security and Auxiliary Equipment	Overall	No	N/A	The Security and Auxiliary Equipment capital request captures the cost of equipment installation to address security for critical gas facilities owned and operated by SoCalGas.	SCG-06-2R-E CHB-75 to CHB-80 CWP 003000.001
Capital	GAS TRANSMISSION	GF AUX EQUIPMENT& INFRASTRUCTURE	Physical Security	RAMP SCG - CFF - 5 Physical Security	RAMP SCG - CFF - 5 Physical Security	No	This cost category is proceeding as planned. Although no Physical Security costs were identified in 2024 they are anticipated in future years	Physical Security System upgrades are projects that will replace end of life equipment, improve integration, reduce nuisance alarms, and enhance recent industry security technology enhancements. Security enhancements to facilities and infrastructure improve access control, intrusion detection, and identification capabilities to deter, detect, delay, communicate, and respond to undesirable events.	SCG-06-2R-E CHB-76 to CHB-80 CWP 003000.002
Capital	GAS TRANSMISSION	Sub Total GT AUX EQUIPMENT& INFRASTRUCTURE				Yes			
Capital	GAS TRANSMISSION	GF BUILDINGS & IMPROVEMENTS	Non-RAMP	Non-RAMP	Non-RAMP	No			
Capital	GAS TRANSMISSION	Sub Total GT BUILDINGS & IMPROVEMENTS				Yes			
Capital	GAS TRANSMISSION	GF CATHODIC PROTECTION	Incident Related to the High Pressure System (Excluding Dig-in)	Cathodic Protection - Capital (HCA & Non-HCA)	Transmissio n - HCA	No	N/A		
Capital	GAS TRANSMISSION	GF CATHODIC PROTECTION	Incident Related to the High Pressure System (Excluding Dig-in)	Cathodic Protection - Capital (HCA & Non-HCA)	Transmissio n - Non-HCA	No	N/A		
Capital	**GAS TRANSMISSION**	**Sub Total GT CATHODIC PROTECTION**				**Yes**		**This workpaper includes costs associated with the installation of cathodic protection equipment used to preserve the integrity of transmission pipelines by protecting them from external corrosion. These projects are mandated by federal and state pipeline safety regulations, and enable the maintenance of adequate protection to company equipment.**	**SCG-06-2R-E CHB-74 to CHB-75 CWP 003060**
Capital	GAS TRANSMISSION	GF COMPRESSOR STATIONS ADDITIONS/REPLACEMENTS	Incident Related to the High Pressure System (Excluding Dig-in)	Compressor Stations - Capital	Transmissio n - Facilities	No	N/A	The activities tracked within this category are for projects associated with the replacement of compression station equipment. The scope of work (project-specific and varies significantly from project to project (i.e., automated data gathering systems, replacing outdated technology, emissions monitoring, catalyst, and combustion technologies, etc.)	SCG-06-2R-E CHB-72 to CHB-74 CWP 003051.002
Capital	GAS TRANSMISSION	Sub Total GT COMPRESSOR STATIONS ADDITIONS/REPLACEMENTS				Yes			
Capital	GAS TRANSMISSION	GF COMPRESSOR STATIONS ADDITIONS/REPLACEMENTS QUALITY/ECONOMIC DRIVEN	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A	The Blythe Compressor Station Modernization project consists of a variety of activities including installation of two new compressors and a compressor building (Plant 4), rebuilding five existing compressors (Units 11-15) and installing clean burn emission reduction technology (Plant 2), installation of a new operations building, new electric generators, cooling tower apparatus, underground and aboveground pipelines, and other infrastructure.	SCG-06-2R-E CHB-82 to CHB-83 CWP 003050
Capital	GAS TRANSMISSION	Sub Total GT COMPRESSOR STATIONS ADDITIONS/REPLACEMENTS QUALITY/ECONOMIC DRIVEN				Yes			
Capital	GAS TRANSMISSION	GF M&R STATIONS ADDITIONS/REPLACEMENTS	Non-RAMP	Non-RAMP	Non-RAMP	No	Since filing the TY 2024 GRC, it has been determined that all activities in Measurement and Regulation - Capital should be classified as RAMP. No actual costs were identified as non-RAMP in 2024. All activity related to Measurement and Regulation - Capital has been reclassified and accounted for in the respective RAMP categories below.	Measurement and regulation activities consist of the planning, installation, construction, and close-out of meter/gate/upgrades for producer vessels, meters, stations, Company-owned facilities at customer meter set assemblies, and control valve stations on transmission pipeline systems. These upgrades are required to replace aging equipment with new equipment to enhance functionality. Both the safety and reliability of SoCalGas's transmission system is dependent on the meter and regulator equipment that is used to control the flow of natural gas in transmission pipelines. These activities are necessary to maintain or improve system reliability, extend equipment and system life, and uphold public safety.	SCG-06-2R-E CHB-76 to CHB-78 CWP 003080
Capital	GAS TRANSMISSION	GF M&R STATIONS ADDITIONS/REPLACEMENTS	Incident Related to the High Pressure System (Excluding Dig-in)	Measurement & Regulation - Capital (HCA & Non-HCA)	Transmissio n - HCA	No	N/A	Measurement and regulation activities consist of the planning, installation, construction, and close-out of meter/gate/upgrades for producer vessels, meters, stations, Company-owned facilities at customer meter set assemblies, and control valve stations on transmission pipeline systems. These upgrades are required to replace aging equipment with new equipment to enhance functionality. Both the safety and reliability of SoCalGas's transmission system is dependent on the meter and regulator equipment that is used to control the flow of natural gas in transmission pipelines. These activities are necessary to maintain or improve system reliability, extend equipment and system life, and uphold public safety.	SCG-06-2R-E CHB-76 to CHB-78 CWP 003080

SoCalGas GAS TRANSMISSION OPERATIONS & CONSTRUCTION Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spreadsheet Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Rollup	Status Variance Explanation	WP Activity Description	2024 GRC Testimony Location
Capital	GAS TRANSMISSION	GT M&R STATIONS ADDITIONS/REPLACEMENTS	Incident Related to the High Pressure System (Excluding Digs-in)	Measurement & Regulation - Capital (HCA & Non-HCA)	Transmissio n - Non-HCA	No	N/A	Measurement and regulation activities consist of the planning, installation, construction, and closeout of rule-ingo upgrades for producer reach, meters, stations, Company-owned facilities at customer meter set assemblies, and control valve stations on transmission pipeline systems. These upgrades are required to replace aging equipment with new equipment to enhance functionality. Both the safety and reliability of SoCalGas's transmission system is dependent on the meter and regulator equipment that is used to control the flow of natural gas in transmission pipelines. These activities are necessary to maintain or improve system reliability, extend equipment and system life, and uphold public safety.	SCG-06-2R-E CHB-76 to CHB-78 CWP 003000
Capital	GAS TRANSMISSION	Sub Total GT M&R STATIONS ADDITIONS/REPLACEMENTS				Yes			

SoCalGas GAS TRANSMISSION OPERATIONS & CONSTRUCTION Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spreadsheet Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Transfer	Rollup	Status Variance Explanation	WP Activity Description	2024 GRC Testimony Location
Capital	GAS TRANSMISSION	GT PIPELINE RELOCATION-FRANCHISE/PRIVATE/ROW	Non-RAMP	Non-RAMP	Non-RAMP	No	Since filing the TY 2024 GRC, it has been determined that all activities in GT Pipeline Relocation - Franchise/ Private ROW should be classified as RAMP. No actual costs were identified as non-RAMP in 2024. All activity related to GT Pipeline Relocation - Franchise/ Private ROW have been reclassified and accounted for in the respective RAMP categories below.	The forecasted capital costs in the Pipeline Relocations – Franchise/Private category include expenditures associated with relocating or altering SoCalGas facilities in response to private property and external requests, as specified under the provisions of SoCalGas's franchise agreements with city and county agencies.	SCG-06-2R-E CHB-70 to CHB-72 CWP 003000
Capital	GAS TRANSMISSION	GT PIPELINE RELOCATION-FRANCHISE/PRIVATE/ROW	Incident Related to the High Pressure System (Excluding Dig-in)	Pipeline Relocation/ Replacement (HCA and Non-HCA)	Transmissio n - HCA	No	N/A	The forecasted capital costs in the Pipeline Relocations – Franchise/Private category include expenditures associated with relocating or altering SoCalGas facilities in response to private property and external requests, as specified under the provisions of SoCalGas's franchise agreements with city and county agencies.	SCG-06-2R-E CHB-70 to CHB-72 CWP 003000
Capital	GAS TRANSMISSION	GT PIPELINE RELOCATION-FRANCHISE/PRIVATE/ROW	Incident Related to the High Pressure System (Excluding Dig-in)	Pipeline Relocation/ Replacement (HCA and Non-HCA)	Transmissio n - Non-HCA	No	N/A	The forecasted capital costs in the Pipeline Relocations – Franchise/Private category include expenditures associated with relocating or altering SoCalGas facilities in response to private property and external requests, as specified under the provisions of SoCalGas's franchise agreements with city and county agencies.	SCG-06-2R-E CHB-70 to CHB-72 CWP 003000
Capital	**GAS TRANSMISSION**	**Sub Total GT PIPELINE RELOCATION-FRANCHISE/PRIVATE/ROW**				**Yes**			
Capital	GAS TRANSMISSION	GT PIPELINE RELOCATION-FREEWAY	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
Capital	**GAS TRANSMISSION**	**Sub Total GT PIPELINE RELOCATION-FREEWAY**				**Yes**			
Capital	GAS TRANSMISSION	GT PIPELINE REPLACEMENTS	Incident Related to the High Pressure System (Excluding Dig-in)	Leak Repair T1 & T2 (HCA and Non-HCA)	Transmissio n - HCA	No	N/A	Leak repair activities consist of the planning, installation, construction, and closeout of projects initiated due to leaks on transmission pipelines or appurtenances.	SCG-06-2R-E CHB-66 to CHB-68 CWP 003E.001
Capital	GAS TRANSMISSION	GT PIPELINE REPLACEMENTS	Incident Related to the High Pressure System (Excluding Dig-in)	Leak Repair T1 & T2 (HCA and Non-HCA)	Transmissio n - Non-HCA	No	N/A	Leak repair activities consist of the planning, installation, construction, and closeout of projects initiated due to leaks on transmission pipelines or appurtenances.	SCG-06-2R-E CHB-66 to CHB-68 CWP 003E.001
Capital	GAS TRANSMISSION	GT PIPELINE REPLACEMENTS	Incident Related to the High Pressure System (Excluding Dig-in)	Pipeline Relocation/ Replacement (HCA & Non-HCA)	Transmissio n - HCA	No	N/A		
Capital	GAS TRANSMISSION	GT PIPELINE REPLACEMENTS	Incident Related to the High Pressure System (Excluding Dig-in)	Pipeline Relocation/ Replacement (HCA & Non-HCA)	Transmissio n - Non-HCA	No	N/A		
Capital	GAS TRANSMISSION	GT PIPELINE REPLACEMENTS	Incident Related to the High Pressure System (Excluding Dig-in)	Shallow/ Exposed Pipe Remediations (HCA & Non-HCA)	Transmissio n - HCA	No	N/A	Shallow or exposed pipe activities consist of the planning, installation, construction, and closeout of projects to add additional cover or protection to Transmission pipelines. Exposed pipelines are inspected for signs of corrosion, metallurgical flaw, construction flaws, and mechanical damage. Concrete restrainment mats (technology designed to help prevent shoreline erosion) and/or additional earth coverage are installed to prevent damage to exposed shallow pipe caused by corrosion, third-party damage, erosion, or other external forces.	SCG-06-2R-E CHB-66 to CHB-68 CWP 003E.003
Capital	GAS TRANSMISSION	GT PIPELINE REPLACEMENTS	Incident Related to the High Pressure System (Excluding Dig-in)	Shallow/ Exposed Pipe Remediations (HCA & Non-HCA)	Transmissio n - Non-HCA	No	N/A	Shallow or exposed pipe activities consist of the planning, installation, construction, and closeout of projects to add additional cover or protection to Transmission pipelines. Exposed pipelines are inspected for signs of corrosion, metallurgical flaw, construction flaws, and mechanical damage. Concrete restrainment mats (technology designed to help prevent shoreline erosion) and/or additional earth coverage are installed to prevent damage to exposed shallow pipe caused by corrosion, third-party damage, erosion, or other external forces.	SCG-06-2R-E CHB-66 to CHB-68 CWP 003E.003
Capital	**GAS TRANSMISSION**	**Sub Total GT PIPELINE REPLACEMENTS**				**Yes**			
Capital	GAS TRANSMISSION	GT PIPELINES - NEW ADDITIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A	The construction of new pipeline is required to provide the backbone of the local gas transmission system with additional resiliency, capacity, or reliability to serve load and to provide gas supply reinforcement to existing areas, or to supply new areas where new natural gas service is required.	SCG-06-2R-E CHB-65 to CHB-66 CWP 003010
Capital	**GAS TRANSMISSION**	**Sub Total GT PIPELINES - NEW ADDITIONS**				**Yes**			

SoCalGas GAS INTEGRITY MANAGEMENT PROGRAMS Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date ($)
Capital	GAS INTEGRITY MANAGEMENT PROGRAMS	GAS INTEGRITY MANAGEMENT PROGRAMS				Yes			39,914	---	---	---	39,914	82,301	84,769	87,313	89,932	82,301
Capital	GAS INTEGRITY PROGRAMS	GAS SAFETY ENHANCEMENT PROGRAMS	Incident Related to the High Pressure System (Excluding Dig-in)	Gas Transmission Safety Rule - MAOP Reconfirmation (HCA and Non-HCA)	Transmission - HCA	No	14	4	30,335	---	---	---	30,335	53,464	55,068	56,720	58,422	53,464
Capital	GAS INTEGRITY PROGRAMS	GAS SAFETY ENHANCEMENT PROGRAMS	Incident Related to the High Pressure System (Excluding Dig-in)	Gas Transmission Safety Rule - MAOP Reconfirmation (HCA and Non-HCA)	Transmission - Non-HCA	No	14	4	9,579	---	---	---	9,579	16,423	16,916	17,424	17,946	16,423
Capital	GAS INTEGRITY PROGRAMS	GAS SAFETY ENHANCEMENT PROGRAMS	Incident Related to the High Pressure System (Excluding Dig-in)	NEW - Gas Transmission Safety Rule (GTSR) Part 2	Transmission - HCA & non-HCA	No	On-going	Annual	---	---	---	---	---	5,205	5,361	5,522	5,688	5,205
Capital	GAS INTEGRITY PROGRAMS	GAS SAFETY ENHANCEMENT PROGRAMS	Incident Related to the High Pressure System (Excluding Dig-in)	NEW - Valve Rule	Transmission - HCA & non-HCA	No	On-going	Annual	0	---	---	---	0	7,208	7,424	7,647	7,876	7,208
Capital	**GAS INTEGRITY PROGRAMS**	**SubTotal GAS SAFETY ENHANCEMENT PROGRAMS**				**Yes**			**39,914**	---	---	---	**39,914**	**82,301**	**84,769**	**87,313**	**89,932**	**82,301**

SoCalGas GAS INTEGRITY MANAGEMENT PROGRAMS Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference ($)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
Capital	GAS INTEGRITY MANAGEMENT PROGRAMS	GAS INTEGRITY MANAGEMENT PROGRAMS				Yes	(42,186)	(84,769)	(87,313)	(89,932)	(42,186)	-52%	-100%	-100%	-100%	-52%
Capital	GAS INTEGRITY PROGRAMS	GAS SAFETY ENHANCEMENT PROGRAMS	Incident Related to the High Pressure System (Excluding Dig-in)	Gas Transmission Safety Rule - MAOP Reconfirmation (HCA and Non-HCA)	Transmission - HCA	No	(23,129)	(55,068)	(56,720)	(58,422)	(23,129)	-43%	-100%	-100%	-100%	-43%
Capital	GAS INTEGRITY PROGRAMS	GAS SAFETY ENHANCEMENT PROGRAMS	Incident Related to the High Pressure System (Excluding Dig-in)	Gas Transmission Safety Rule - MAOP Reconfirmation (HCA and Non-HCA)	Transmission - Non-HCA	No	(6,844)	(16,916)	(17,424)	(17,946)	(6,844)	-42%	-100%	-100%	-100%	-42%
Capital	GAS INTEGRITY PROGRAMS	GAS SAFETY ENHANCEMENT PROGRAMS	Incident Related to the High Pressure System (Excluding Dig-in)	NEW - Gas Transmission Safety Rule (GTSR) Part 2	Transmission - HCA & non-HCA	No	(5,205)	(5,361)	(5,522)	(5,688)	(5,205)	-100%	-100%	-100%	-100%	-100%
Capital	GAS INTEGRITY PROGRAMS	GAS SAFETY ENHANCEMENT PROGRAMS	Incident Related to the High Pressure System (Excluding Dig-in)	NEW - Valve Rule	Transmission - HCA & non-HCA	No	(7,208)	(7,424)	(7,647)	(7,876)	(7,208)	-100%	-100%	-100%	-100%	-100%
Capital	**GAS INTEGRITY PROGRAMS**	**SubTotal GAS SAFETY ENHANCEMENT PROGRAMS**				**Yes**	**(42,386)**	**(84,769)**	**(87,313)**	**(89,932)**	**(42,386)**	**-52%**	**-100%**	**-100%**	**-100%**	**-52%**

SoCalGas GAS INTEGRITY MANAGEMENT PROGRAMS Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
Capital	GAS INTEGRITY MANAGEMENT PROGRAMS	GAS INTEGRITY MANAGEMENT PROGRAMS				Yes																					
Capital	GAS INTEGRITY PROGRAMS	GAS SAFETY ENHANCEMENT PROGRAMS	Incident Related to the High Pressure System (Excluding Dig-in)	Gas Transmission Safety Rule - MAOP Reconfirmation (HCA and Non-HCA)	Transmission - HCA	No	Miles reconfirmed	5				5	48				48	(43)	0	0	0	(43)	(89)%	0 %	0 %	0 %	(89)%
Capital	GAS INTEGRITY PROGRAMS	GAS SAFETY ENHANCEMENT PROGRAMS	Incident Related to the High Pressure System (Excluding Dig-in)	Gas Transmission Safety Rule - MAOP Reconfirmation (HCA and Non-HCA)	Transmission - Non-HCA	No	Miles reconfirmed	0				0	15				15	(15)	0	0	0	(15)	(99)%	0 %	0 %	0 %	(99)%
Capital	GAS INTEGRITY PROGRAMS	GAS SAFETY ENHANCEMENT PROGRAMS	Incident Related to the High Pressure System (Excluding Dig-in)	NEW - Gas Transmission Safety Rule (GTSR) Part 2	Transmission - HCA & non-HCA	No	Capital activities are driven by O&M activities, for which SoCalGas identified units. Additionally, a unit of measure is not feasible for the variety of capital activities that could result from O&M activities to comply with GTSR Part 2.																				
Capital	GAS INTEGRITY PROGRAMS	GAS SAFETY ENHANCEMENT PROGRAMS	Incident Related to the High Pressure System (Excluding Dig-in)	NEW - Valve Rule	Transmission - HCA & non-HCA	No	Accessed valves	---				---	2				2	(2)	0	0	0	(2)	(100)%	0 %	0 %	0 %	(100)%
Capital	GAS INTEGRITY PROGRAMS	SubTotal GAS SAFETY ENHANCEMENT PROGRAMS				Yes																					

SoCalGas GAS INTEGRITY MANAGEMENT PROGRAMS Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Safety, Reliability, or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status	Status Variance Explanation Required?
Capital	GAS INTEGRITY MANAGEMENT PROGRAMS	GAS INTEGRITY MANAGEMENT PROGRAMS				Yes										
Capital	GAS INTEGRITY PROGRAMS	GAS SAFETY ENHANCEMENT PROGRAMS	Incident Related to the High Pressure System (Excluding Dig-in)	Gas Transmission Safety Rule - MAOP Reconfirmation (HCA and Non-HCA)	Transmission - HCA	No	YES	YES	YES	Pursuant to 49 CFR § 192.624, SoCalGas is required to reconfirm by July 2035 the MAOP of transmission lines that either: 1) do not have traceable, verifiable, or complete pressure test records to establish MAOP in accordance with 49 C.F.R § 192.619(a) and are located in HCAs or Class 3 or 4 locations, or 2) have an MAOP established in accordance with 49 CFR § 192.619(c), have an MAOP greater than 30% SMYS, and are located in HCAs, Class 3 or 4 locations, or – where the segment can accommodate an in-line inspection (ILI) tool – MCAs. Since MAOP reconfirmation projects can span both HCA and non-HCA segments and these tranches should be viewed in aggregate. The GTSR Part 1 costs incurred in 2024 are attributed to the planning, execution, and completion of MAOP reconfirmation projects utilizing the pressure testing and replacement methods of reconfirmation. The variance is primarily due to a strategic shift to bundle multiple pipeline segments into larger projects to improve long-term efficiency and field resource utilization. This approach requires additional time for upfront engineering and coordination efforts. As a result, spending was lower in 2024 with a significant portion of the work occurring in planning phases.	Pursuant to 49 CFR § 192.624, SoCalGas is required to reconfirm by July 2035 the MAOP of transmission lines that either: 1) do not have traceable, verifiable, or complete pressure test records to establish MAOP in accordance with 49 C.F.R § 192.619(a) and are located in HCAs or Class 3 or 4 locations, or 2) have an MAOP established in accordance with 49 CFR § 192.619(c), have an MAOP greater than 30% SMYS, and are located in HCAs, Class 3 or 4 locations, or – where the segment can accommodate an in-line inspection (ILI) tool – MCAs. The unit variance is driven by SoCalGas's efforts to bundle pipeline segments into larger projects to improve long-term efficiency and field resource utilization, which resulted in longer planning timelines. Although only 5.1 HCA miles were reconfirmed through the GTSR Part 1 activities in 2024, substantial progress was made on the development of bundled projects that will yield higher reconfirmation miles in the future years. Additionally, SoCalGas has made substantial progress towards the interim deadline established by PHMSA through its PSEP projects. As of January 2025, SoCalGas has completed approximately 70 miles of MAOP-R scope primarily through the execution of PSEP projects that contained overlapping scope subject to the requirements of GTSR Part 1.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	GAS INTEGRITY PROGRAMS	GAS SAFETY ENHANCEMENT PROGRAMS	Incident Related to the High Pressure System (Excluding Dig-in)	Gas Transmission Safety Rule - MAOP Reconfirmation (HCA and Non-HCA)	Transmission - Non-HCA	No	YES	YES	YES	Pursuant to 49 CFR § 192.624, SoCalGas is required to reconfirm by July 2035 the MAOP of transmission lines that either: 1) do not have traceable, verifiable, or complete pressure test records to establish MAOP in accordance with 49 C.F.R § 192.619(a) and are located in HCAs or Class 3 or 4 locations, or 2) have an MAOP established in accordance with 49 CFR § 192.619(c), have an MAOP greater than 30% SMYS, and are located in HCAs, Class 3 or 4 locations, or – where the segment can accommodate an in-line inspection (ILI) tool – MCAs. Since MAOP reconfirmation projects can span both HCA and non-HCA segments and these tranches should be viewed in aggregate. The GTSR Part 1 costs incurred in 2024 are attributed to the planning, execution, and completion of MAOP reconfirmation projects utilizing the pressure testing and replacement methods of reconfirmation. The variance is primarily due to a strategic shift to bundle multiple pipeline segments into larger projects to improve long-term efficiency and field resource utilization. This approach requires additional time for upfront engineering and coordination efforts. As a result, spending was lower in 2024 with a significant portion of the work occurring in planning phases of the construction process.	Pursuant to 49 CFR § 192.624, SoCalGas is required to reconfirm by July 2035 the MAOP of transmission lines that either: 1) do not have traceable, verifiable, or complete pressure test records to establish MAOP in accordance with 49 C.F.R § 192.619(a) and are located in HCAs or Class 3 or 4 locations, or 2) have an MAOP established in accordance with 49 CFR § 192.619(c), have an MAOP greater than 30% SMYS, and are located in HCAs, Class 3 or 4 locations, or – where the segment can accommodate an in-line inspection (ILI) tool – MCAs. The unit variance is due to SoCalGas' s efforts to bundle pipeline segments into larger projects to improve long-term efficiency and field resource utilization, which resulted in longer planning timelines. Although less than one non-HCA mile were reconfirmed in 2024, substantial progress was made on the development of bundled projects that will yield higher reconfirmation miles in the future years. Additionally, SoCalGas has made substantial progress towards the interim deadline established by PHMSA through overlapping PSEP projects. As of January 2025, SoCalGas has completed approximately 70 miles of MAOP-R scope primarily through the execution of PSEP projects that contained overlapping scope subject to the requirements of GTSR Part 1.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	GAS INTEGRITY PROGRAMS	GAS SAFETY ENHANCEMENT PROGRAMS	Incident Related to the High Pressure System (Excluding Dig-in)	NEW - Gas Transmission Safety Rule (GTSR) Part 2	Transmission - HCA & non-HCA	No	YES	YES	NO	GTSR Part 2 includes requirements for updated repair criteria for non-HCAs, updates to corrosion control requirements, inspection of pipelines following extreme weather events, expansion of Management of Change (MOC) requirements, and strengthening assessment requirements. These requirements are driven by 49 CFR §§ 192.465, 192.461, 192.319, and 192.473 The GTSR Part 2 cost variance is primarily due to the difference between initial forecasting assumptions and actual compliance activities following the publication of the final rule. At the time the TY 2024 GRC application was filed, GTSR Part 2 had not yet been published. The forecast was based on a preliminary analysis that assumed a higher volume of Close Interval Surveys (CIS) and Alternating Current (AC) interference surveys, which were expected to result in remediation work to meet the new regulation. However, in 2024, the actual level of required compliance activity was significantly lower than expected and no remediation work was needed under GTSR Part 2. The scope of work remains necessary, and the program is currently in early stages of planning and scheduling. Expenditures are expected at a later time.	N/A	On Target (T)	On Target (T)	Under (U)	Proceeding as Planned	YES
Capital	GAS INTEGRITY PROGRAMS	GAS SAFETY ENHANCEMENT PROGRAMS	Incident Related to the High Pressure System (Excluding Dig-in)	NEW - Valve Rule	Transmission - HCA & non-HCA	No	YES	YES	YES	Valve Rule projects comprise the installation of rupture mitigation valves (RMVs) on transmission pipeline segments as required by the Valve Rule (87 FR 20940). In 2024, SoCalGas was able to leverage the Valve Enhancement Plan (VEP) activities and resources, managed as part of the Pipeline Safety Enhancement Plan (PSEP), to comply with Valve Rule requirements and enhance efficiency. Valve Rule installations were deferred to future years within this GRC cycle.	Valve Rule projects comprise the installation of rupture mitigation valves (RMVs) on transmission pipeline segments as required by the Valve Rule (87 FR 20940). In 2024, SoCalGas was able to leverage the Valve Enhancement Plan (VEP) activities and resources, managed as part of the Pipeline Safety Enhancement Plan (PSEP), to comply with Valve Rule requirements and enhance efficiency. Valve Rule installations were deferred to future years within this GRC cycle.	On Target (T)	On Target (T)	Over (O)	Proceeding as Planned	YES
Capital	GAS INTEGRITY PROGRAMS	SubTotal GAS SAFETY ENHANCEMENT PROGRAMS				Yes	YES	YES								NO

SoCalGas GAS INTEGRITY MANAGEMENT PROGRAMS Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Status Variance Explanation	WP Activity Description	2024 GRC Testimony Location
Capital	GAS INTEGRITY MANAGEMENT PROGRAMS	GAS INTEGRITY MANAGEMENT PROGRAMS				Yes			
Capital	GAS INTEGRITY PROGRAMS	GAS SAFETY ENHANCEMENT PROGRAMS	Incident Related to the High Pressure System (Excluding Dig-in)	Gas Transmission Safety Rule - MAOP Reconfirmation (HCA and Non-HCA)	Transmission - HCA	No	N/A	Capital activities in budget code X03670 address the requirements of the GTSR Parts 1 and 2, as well as the Valve Rule. These costs are forecasted for the reconfirmation of maximum allowable operating pressure (MAOP) in accordance with 49 CFR § 192.624 and PUC 958 on DOT-defined transmission pipelines and annual reconfirmation using the following methods: pressure testing and replacement.	SCG-09 AK-TS-90 to AK-TS-94 CWP X03670A.001
Capital	GAS INTEGRITY PROGRAMS	GAS SAFETY ENHANCEMENT PROGRAMS	Incident Related to the High Pressure System (Excluding Dig-in)	Gas Transmission Safety Rule - MAOP Reconfirmation (HCA and Non-HCA)	Transmission - Non-HCA	No	N/A	Capital activities in budget code X03670 address the requirements of the GTSR Parts 1 and 2, as well as the Valve Rule. These costs are forecasted for the reconfirmation of maximum allowable operating pressure (MAOP) in accordance with 49 CFR § 192.624 and PUC 958 on DOT-defined transmission pipelines and annual reconfirmation using the following methods: pressure testing and replacement.	SCG-09 AK-TS-90 to AK-TS-94 CWP X03670A.001
Capital	GAS INTEGRITY PROGRAMS	GAS SAFETY ENHANCEMENT PROGRAMS	Incident Related to the High Pressure System (Excluding Dig-in)	NEW - Gas Transmission Safety Rule (GTSR) Part 2	Transmission - HCA & non-HCA	No	The primary driver for GTSR Part 2 costs are corrosion control activities as required by 49 CFR 192.465 and 192.473. In 2024, SoCalGas did not encounter conditions requiring GTSR Part 2 compliance activities as previously expected. However, the scope of work remains necessary and SoCalGas continues to monitor and manage its pipelines in accordance with GTSR Part 2 requirements and anticipates.	Capital activities in budget code X03670 address the requirements of the GTSR Parts 1 and 2, as well as the Valve Rule. These costs are forecasted for the implementation of GTSR Part 2 requirements; activities will be driven by compliance with 49 CFR §§ 192.465, 192.461, 192.319, and 192.473.	SCG-09 AK-TS-90 to AK-TS-94 CWP X03670A.003
Capital	GAS INTEGRITY PROGRAMS	GAS SAFETY ENHANCEMENT PROGRAMS	Incident Related to the High Pressure System (Excluding Dig-in)	NEW - Valve Rule	Transmission - HCA & non-HCA	No	In 2024, SoCalGas was able to leverage the Valve Enhancement Plan (VEP) activities and resources, managed as part of the Pipeline Safety Enhancement Plan (PSEP), to comply with Valve Rule requirements and enhance efficiency. Valve Rule installations were deferred to future years within this GRC cycle.	Capital activities in budget code X03670 address the requirements of the GTSR Parts 1 and 2, as well as the Valve Rule. These costs are forecasted for the implementation of the Valve Rule requirements, which include the installation of rupture mitigation valves for new or replacement transmission pipelines of at least 2 contiguous miles based on HCA and class location. Costs are inclusive of materials, communications equipment, and installation. Activities will be driven by compliance with 85 FR 7162.	SCG-09 AK-TS-90 to AK-TS-94 CWP X03670A.003
Capital	GAS INTEGRITY PROGRAMS	SubTotal GAS SAFETY ENHANCEMENT PROGRAMS				Yes			

SoCalGas PIPELINE SAFETY ENHANCEMENT PLAN (PSEP) Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date ($)
Capital	**PIPELINE SAFETY ENHANCEMENT PLAN (PSEP)**	**PIPELINE SAFETY ENHANCEMENT PLAN (PSEP)**				**Yes**			**109,764**	—	—	—	**109,764**	**64,534**	**57,917**	**59,656**	**61,447**	**64,534**
Capital	PIPELINE SAFETY ENHANCEMENT PLAN	PSEP P1B REPLACEMENTS	Incident Related to the High Pressure System (Excluding Dig-in)	PSEP Phase 1B Pipeline Replacement Non-HCA (GRC Base)	T2.4 Non-HCA	No	On-going	Annual	13,678	—	—	—	13,678	17,291	17,809	18,343	18,894	17,291
Capital	**PIPELINE SAFETY ENHANCEMENT PLAN**	**SubTotal PSEP P1B REPLACEMENTS**				**Yes**			**13,678**	**—**	**—**	**—**	**13,678**	**17,291**	**17,809**	**18,343**	**18,894**	**17,291**
Capital	PIPELINE SAFETY ENHANCEMENT PLAN	PSEP P2A CAPITAL REPLACEMENTS OF HYDROTESTS	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	—	—	—	—	—	1,807	1,861	1,917	1,975	1,807
Capital	PIPELINE SAFETY ENHANCEMENT PLAN	PSEP P2A CAPITAL REPLACEMENTS OF HYDROTESTS	Incident Related to the High Pressure System (Excluding Dig-in)	P2A Capital Replacements for Hydrotests Non-HCA (GRC Base)	T3.4 Non-HCA	No	On-going	Annual	40,819	—	—	—	40,819	17,211	17,727	18,259	18,807	17,211
Capital	**PIPELINE SAFETY ENHANCEMENT PLAN**	**SubTotal PSEP P2A CAPITAL REPLACEMENTS OF HYDROTESTS**				**Yes**			**40,819**	**—**	**—**	**—**	**40,819**	**19,018**	**19,588**	**20,176**	**20,782**	**19,018**
Capital	PIPELINE SAFETY ENHANCEMENT PLAN	PSEP P2A REPLACEMENTS	Incident Related to the High Pressure System (Excluding Dig-in)	P2A Replacements Non-HCA (GRC Base)	T3.2 Non-HCA	No	On-going	Annual	21,324	—	—	—	21,324	19,923	20,520	21,137	21,771	19,923
Capital	**PIPELINE SAFETY ENHANCEMENT PLAN**	**SubTotal PSEP P2A REPLACEMENTS**				**Yes**			**21,324**	**—**	**—**	**—**	**21,324**	**19,923**	**20,520**	**21,137**	**21,771**	**19,923**

SoCalGas PIPELINE SAFETY ENHANCEMENT PLAN (PSEP) Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date ($)
Capital	PIPELINE SAFETY ENHANCEMENT PLAN	PSEP VALVES	Incident Related to the High Pressure System (Excluding Dig-in)	Valve Enhancement (GRC base)	C22 - T4.3 Valve Enhancement IECA	No	6	6	25,773	—	—	—	25,773	3,622	—	—	—	3,622
Capital	PIPELINE SAFETY ENHANCEMENT PLAN	PSEP VALVES	Incident Related to the High Pressure System (Excluding Dig-in)	Valve Enhancement (GRC base)	C22 - T4.4 Valve Enhancement Non-IECA	No	6	6	8,170	—	—	—	8,170	4,680	—	—	—	4,680
Capital	**PIPELINE SAFETY ENHANCEMENT PLAN**	**SubTotal PSEP VALVES**				**Yes**			**33,943**	**—**	**—**	**—**	**33,943**	**8,302**	**—**	**—**	**—**	**8,302**

SoCalGas PIPELINE SAFETY ENHANCEMENT PLAN (PSEP) Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference ($)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
Capital	**PIPELINE SAFETY ENHANCEMENT PLAN (PSEP)**	**PIPELINE SAFETY ENHANCEMENT PLAN (PSEP)**				**Yes**	**45,230**	**(57,917)**	**(59,656)**	**(61,447)**	**45,230**	**70%**	**-100%**	**-100%**	**-100%**	**70%**
Capital	PIPELINE SAFETY ENHANCEMENT PLAN	PSEP P1B REPLACEMENTS	Incident Related to the High Pressure System (Excluding Dig-in)	PSEP Phase 1B Pipeline Replacement Non-HCA (GRC Base)	T2.4 Non-HCA	No	(3,613)	(17,809)	(18,343)	(18,894)	(3,613)	-21%	-100%	-100%	-100%	-21%
Capital	**PIPELINE SAFETY ENHANCEMENT PLAN**	**SubTotal PSEP P1B REPLACEMENTS**				**Yes**	**(3,613)**	**(17,809)**	**(18,343)**	**(18,894)**	**(3,613)**	**-21%**	**-100%**	**-100%**	**-100%**	**-21%**
Capital	PIPELINE SAFETY ENHANCEMENT PLAN	PSEP P2A CAPITAL REPLACEMENTS OF HYDROTESTS	Non-RAMP	Non-RAMP	Non-RAMP	No	(1,807)	(1,861)	(1,917)	(1,975)	(1,807)	-100%	-100%	-100%	-100%	-100%
Capital	PIPELINE SAFETY ENHANCEMENT PLAN	PSEP P2A CAPITAL REPLACEMENTS OF HYDROTESTS	Incident Related to the High Pressure System (Excluding Dig-in)	P2A Capital Replacements for Hydrotests Non-HCA (GRC Base)	T3.4 Non-HCA	No	23,608	(17,727)	(18,259)	(18,807)	23,608	137%	-100%	-100%	-100%	137%
Capital	**PIPELINE SAFETY ENHANCEMENT PLAN**	**SubTotal PSEP P2A CAPITAL REPLACEMENTS OF HYDROTESTS**				**Yes**	**21,801**	**(19,588)**	**(20,176)**	**(20,782)**	**21,801**	**115%**	**-100%**	**-100%**	**-100%**	**115%**
Capital	PIPELINE SAFETY ENHANCEMENT PLAN	PSEP P2A REPLACEMENTS	Incident Related to the High Pressure System (Excluding Dig-in)	P2A Replacements Non-HCA (GRC Base)	T3.2 Non-HCA	No	1,401	(20,520)	(21,137)	(21,771)	1,401	7%	-100%	-100%	-100%	7%
Capital	**PIPELINE SAFETY ENHANCEMENT PLAN**	**SubTotal PSEP P2A REPLACEMENTS**				**Yes**	**1,401**	**(20,520)**	**(21,137)**	**(21,771)**	**1,401**	**7%**	**-100%**	**-100%**	**-100%**	**7%**

SoCalGas PIPELINE SAFETY ENHANCEMENT PLAN (PSEP) Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference ($)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
Capital	PIPELINE SAFETY ENHANCEMENT PLAN	PSEP VALVES	Incident Related to the High Pressure System (Excluding Dig-in)	Valve Enhancement (GRC base)	C22 - T4.3 Valve Enhancement IICA	No	22,151	—	—	—	22,151	612%	—%	—%	—%	612%
Capital	PIPELINE SAFETY ENHANCEMENT PLAN	PSEP VALVES	Incident Related to the High Pressure System (Excluding Dig-in)	Valve Enhancement (GRC base)	C22 - T4.4 Valve Enhancement Non-IICA	No	3,490	—	—	—	3,490	75%	—%	—%	—%	75%
Capital	**PIPELINE SAFETY ENHANCEMENT PLAN**	**SubTotal PSEP VALVES**				**Yes**	**25,641**	**—**	**—**	**—**	**25,641**	**309%**	**—%**	**—%**	**—%**	**309%**

SoCalGas PIPELINE SAFETY ENHANCEMENT PLAN (PSEP) Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
Capital	**PIPELINE SAFETY ENHANCEMENT PLAN (PSEP)**	**PIPELINE SAFETY ENHANCEMENT PLAN (PSEP)**				**Yes**																					
Capital	PIPELINE SAFETY ENHANCEMENT PLAN	PSEP P1B REPLACEMENTS	Incident Related to the High Pressure System (Excluding Dig-in)	PSEP Phase 1B Pipeline Replacement Non-HCA (GRC Base)	T2.4 Non-HCA	No	Miles of Pipe	0				0	7				7	(7)	0	0	0	(7)	(100)%	0 %	0 %	0 %	(100)%
Capital	**PIPELINE SAFETY ENHANCEMENT PLAN**	**SubTotal PSEP P1B REPLACEMENTS**				**Yes**																					
Capital	PIPELINE SAFETY ENHANCEMENT PLAN	PSEP P2A CAPITAL REPLACEMENTS OF HYDROTESTS	Non-RAMP	Non-RAMP	Non-RAMP	No	Miles of Pipe	—				—	3				3	(3)	0	0	0	(3)	(100)%	0 %	0 %	0 %	(100)%
Capital	PIPELINE SAFETY ENHANCEMENT PLAN	PSEP P2A CAPITAL REPLACEMENTS OF HYDROTESTS	Incident Related to the High Pressure System (Excluding Dig-in)	P2A Capital Replacements for Hydrotests Non-HCA (GRC Base)	T3.4 Non-HCA	No	These capital activities comprising hydrotest projects are necessary to enable the execution of hydrotest projects. These projects are typically predominantly O&M; therefore, the units completed are reflected in the O&M hydrotest project line item.																			
Capital	**PIPELINE SAFETY ENHANCEMENT PLAN**	**SubTotal PSEP P2A CAPITAL REPLACEMENTS OF HYDROTESTS**				**Yes**																					
Capital	PIPELINE SAFETY ENHANCEMENT PLAN	PSEP P2A REPLACEMENTS	Incident Related to the High Pressure System (Excluding Dig-in)	P2A Replacements Non-HCA (GRC Base)	T3.2 Non-HCA	No	Miles of Pipe	0				0	20				20	(19)	0	0	0	(19)	(98)%	0 %	0 %	0 %	(98)%
Capital	**PIPELINE SAFETY ENHANCEMENT PLAN**	**SubTotal PSEP P2A REPLACEMENTS**				**Yes**																					

SoCalGas PIPELINE SAFETY ENHANCEMENT PLAN (PSEP) Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
Capital	PIPELINE SAFETY ENHANCEMENT PLAN	PSEP VALVES	Incident Related to the High Pressure System (Excluding Dig-in)	Valve Enhancement (GRC base)	C22 - T4.3 Valve Enhancement IICA	No	Valves	19				19	6				6	13	0	0	0	13	217%	0%	0%	0%	217%
Capital	PIPELINE SAFETY ENHANCEMENT PLAN	PSEP VALVES	Incident Related to the High Pressure System (Excluding Dig-in)	Valve Enhancement (GRC base)	C22 - T4.4 Valve Enhancement Non-IICA	No	Valves	3				3	1				1	2	0	0	0	2	200%	0%	0%	0%	200%
Capital	**PIPELINE SAFETY ENHANCEMENT PLAN**	**SubTotal PSEP VALVES**				**Yes**																					

SoCalGas PIPELINE SAFETY ENHANCEMENT PLAN (PSEP) Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Safety, Reliability, or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status	Status Variance Explanation Required?
Capital	**PIPELINE SAFETY ENHANCEMENT PLAN (PSEP)**	**PIPELINE SAFETY ENHANCEMENT PLAN (PSEP)**				**Yes**										
Capital	PIPELINE SAFETY ENHANCEMENT PLAN	PSEP P1B REPLACEMENTS	Incident Related to the High Pressure System (Excluding Dig-in)	PSEP Phase 1B Pipeline Replacement Non-HCA (GRC Base)	T2.4 Non-HCA	No	YES	YES	YES	PSEP Phase 1B replacements are completed in compliance with D.11-06-017 and Public Utilities Code Section 958. Phase 1B comprises the replacement of non-piggable pipelines installed prior to 1946 with new pipe constructed using state-of-the-art methods and up to modern standards, including current pressure test standards. The cost variance is due to executing specific projects in 2024 that varied from those that were originally planned when the TY2024 GRC was filed in 2022. This is consistent with SoCalGas's strategy to manage the PSEP portfolio to the executable level of spending authorized in the TY2024 GRC. Due to delays in the execution of PSEP Phase 1B replacement projects with higher mileage, SoCalGas prioritized planning, environmental, and design work to advance Phase 1B projects that will be executed in subsequent years. The costs incurred in 2024 are also associated with improvements to Supply Line 44-306/307 that were necessary to incorporate this line into SoCalGas's pipeline system following the purchase of Line 306 from PG&E, consistent with the purchase and sale agreement.	PSEP Phase 1B replacements are completed in compliance with D.11-06-017 and Public Utilities Code Section 958. Phase 1B comprises the replacement of non-piggable pipelines installed prior to 1946 with new pipe constructed using state-of-the-art methods and up to modern standards, including current pressure test standards. The unit variance is due to executing specific projects in 2024 that varied from those that were originally planned when the TY2024 GRC was filed in 2022. This is consistent with SoCalGas's strategy to manage the PSEP portfolio to the executable level of spending authorized in the TY2024 GRC. Due to delays in the execution of PSEP Phase 1B replacement projects with higher mileage, SoCalGas prioritized planning, environmental, and design work to advance Phase 1B projects that will be executed in subsequent years. The units completed in 2024 represent improvements to SL44-306/307 including the installation of a 20-inch monolithic isolation coupling that serves as a demarcation point of ownership between SoCalGas and PG&E and also isolates the line from any cathodic protection interference reads from PG&E's system. This installation was consistent with the purchase and sale agreement that was executed following the purchase of Line 306 from PG&E.	On Target (T)	Under (U)	Under (U)	Deferred	NO
Capital	**PIPELINE SAFETY ENHANCEMENT PLAN**	**SubTotal PSEP P1B REPLACEMENTS**				**Yes**	**YES**	**YES**								**NO**
Capital	PIPELINE SAFETY ENHANCEMENT PLAN	PSEP P2A CAPITAL REPLACEMENTS OF HYDROTESTS	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	YES	N/A	PSEP Phase 2A hydrotests are completed in compliance with D.11-06-017 and Public Utilities Code Section 958. Phase 2A comprises transmission pipelines that do not have sufficient documentation of a pressure test to at least 1.25 times the Maximum Allowable Operating Pressure and are located in Class 1 and 2 non-High Consequence Areas. No hydrotest failures occurred in 2024.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	YES
Capital	PIPELINE SAFETY ENHANCEMENT PLAN	PSEP P2A CAPITAL REPLACEMENTS OF HYDROTESTS	Incident Related to the High Pressure System (Excluding Dig-in)	P2A Capital Replacements for Hydrotests Non-HCA (GRC Base)	T3.4 Non-HCA	No	YES	YES	NO	PSEP Phase 2A hydrotests are completed in compliance with D.11-06-017 and Public Utilities Code Section 958. Phase 2A comprises transmission pipelines that do not have sufficient documentation of a pressure test to at least 1.25 times the Maximum Allowable Operating Pressure and are located in Class 1 and 2 non-High Consequence Areas. The capital variance for PSEP hydrotests is primarily attributable to higher than forecasted capital costs associated with two hydrotests (L1030 and L4000). Both projects incurred additional capital costs due to the usage of an anti-corrosion agent that was incorporated into test water to satisfy engineering requirements. The anti-corrosion agent enhanced constructability and enabled more cost-effective water management for these projects which were located in remote areas that pose water disposal challenges. The L1030 hydrotest incurred demobilization/remobilization costs associated with the suspension of the project in 2023 due to Hurricane Hilary and additional capital costs due to required additional anomaly repairs that were necessary to facilitate a successful hydrotest. The L4000 hydrotest required additional test breaks (and associated replacements) to support constructability of the project, which also necessitated the fabrication of additional test heads. The two projects replaced 0.16 mile (L4000) and 0.06 mile (L1030).	N/A	On Target (T)	On Target (T)	Over (O)	Proceeding as Planned	NO
Capital	**PIPELINE SAFETY ENHANCEMENT PLAN**	**SubTotal PSEP P2A CAPITAL REPLACEMENTS OF HYDROTESTS**				**Yes**	**YES**	**YES**								**NO**
Capital	PIPELINE SAFETY ENHANCEMENT PLAN	PSEP P2A REPLACEMENTS	Incident Related to the High Pressure System (Excluding Dig-in)	P2A Replacements Non-HCA (GRC Base)	T3.2 Non-HCA	No	YES	NO	YES	N/A	PSEP Phase 2A replacements are completed in compliance with D.11-06-017 and Public Utilities Code Section 958. Phase 2A comprises transmission pipelines that do not have sufficient documentation of a pressure test to at least 1.25 times the Maximum Allowable Operating Pressure and are located in Class 1 and 2 non-High Consequence Areas. The unit variance is due to executing specific projects in 2024 that varied from those that were originally planned when the TY2024 GRC was filed in 2022. This is consistent with SoCalGas's strategy to manage the PSEP portfolio to the executable level of spending authorized in the TY2024 GRC. In 2024, SoCalGas prioritized Phase 2A replacement projects at existing SoCalGas facilities. These projects consist of complex station work that is higher in cost with lower mileages than more linear replacement projects but are still required to satisfy PSEP requirements. Other costs were incurred for support and planning and design work on other projects that will be executed in subsequent years. The costs also include trailing costs from projects placed in service in 2023.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	**PIPELINE SAFETY ENHANCEMENT PLAN**	**SubTotal PSEP P2A REPLACEMENTS**				**Yes**	**YES**	**NO**								**NO**

SoCalGas PIPELINE SAFETY ENHANCEMENT PLAN (PSEP) Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Safety, Reliability, or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status	Status Variance Explanation Required?
Capital	PIPELINE SAFETY ENHANCEMENT PLAN	PSEP VALVES	Incident Related to the High Pressure System (Excluding Dig-in)	Valve Enhancement (GRC base)	C22-T4.3 Valve Enhancement HCA	No	YES	YES	YES	PSEP valve enhancements are completed in compliance with D.11-06-017 and Public Utilities Code Section 957. The Valve Enhancement Plan works in concert with PSEP's pipeline testing and replacement plan to enhance system safety by augmenting existing valve infrastructure to accelerate SoCalGas and SDG&E's ability to identify, isolate and contain escaping gas in the event of a pipeline rupture. The cost variance for PSEP valves in High Consequence Areas (HCAs) is attributed to delays in the completion of the PSEP valve enhancement plan. In its TY2024 GRC application, SoCalGas forecasted a nominal amount of valve enhancement work in 2024 which was attributed to the installation of smaller scale backflow prevention devices. However, due to delays associated with permitting, landowner negotiations, and commissioning of valve automation projects that were initiated previously, these larger scale projects were constructed in 2024, which was [illegible]	PSEP valve enhancements are completed in compliance with D.11-06-017 and Public Utilities Code Section 957. The Valve Enhancement Plan works in concert with PSEP's pipeline testing and replacement plan to enhance system safety by augmenting existing valve infrastructure to accelerate SoCalGas and SDG&E's ability to identify, isolate and contain escaping gas in the event of a pipeline rupture. The unit variance for PSEP valves in High Consequence Areas (HCAs) is attributed to delays in the completion of the PSEP valve enhancement plan. In its TY2024 GRC application, SoCalGas forecasted a nominal amount of valve enhancement work in 2024 which was attributed to the installation of smaller scale backflow prevention devices. However, due to delays associated with permitting, landowner negotiations, and commissioning of valve automation projects that were initiated previously, these larger scale projects were constructed in 2024, which was later than anticipated at the time of submittal of the TY2024	Over (O)	Over (O)	Over (O)	Other	NO
Capital	PIPELINE SAFETY ENHANCEMENT PLAN	PSEP VALVES	Incident Related to the High Pressure System (Excluding Dig-in)	Valve Enhancement (GRC base)	C22-T4.4 Valve Enhancement Non-HCA	No	YES	YES	YES	PSEP valve enhancements are completed in compliance with D.11-06-017 and Public Utilities Code Section 957. The Valve Enhancement Plan works in concert with PSEP's pipeline testing and replacement plan to enhance system safety by augmenting existing valve infrastructure to accelerate SoCalGas and SDG&E's ability to identify, isolate and contain escaping gas in the event of a pipeline rupture. The cost variance for PSEP valves in Non-High Consequence Areas (non-HCAs) is attributed to delays in the completion of the PSEP valve enhancement plan. In its TY2024 GRC application, SoCalGas forecasted a nominal amount of valve enhancement work in 2024 which was attributed to the installation of smaller scale backflow prevention devices. However, due to delays associated with permitting, landowner negotiations, and commissioning of valve automation projects that were initiated previously, these larger scale projects were constructed in 2024, which was later than anticipated at the time of submittal of the TY2024 GRC application in 2023.	PSEP valve enhancements are completed in compliance with D.11-06-017 and Public Utilities Code Section 957. The Valve Enhancement Plan works in concert with PSEP's pipeline testing and replacement plan to enhance system safety by augmenting existing valve infrastructure to accelerate SoCalGas and SDG&E's ability to identify, isolate and contain escaping gas in the event of a pipeline rupture. The unit variance for PSEP valves in Non-High Consequence Areas (non-HCAs) is attributed to delays in the completion of the PSEP valve enhancement plan. In its TY2024 GRC application, SoCalGas forecasted a nominal amount of valve enhancement work in 2024 which was attributed to the installation of smaller scale backflow prevention devices. However, due to delays associated with permitting, landowner negotiations, and commissioning of valve automation projects that were initiated previously, these larger scale projects were constructed in 2024, which was later than anticipated at the time of submittal of the TY2024 GRC application.	Over (O)	Over (O)	Over (O)	Other	NO
Capital	**PIPELINE SAFETY ENHANCEMENT PLAN**	**SubTotal PSEP VALVES**				**Yes**	**YES**	**YES**								**NO**

SoCalGas PIPELINE SAFETY ENHANCEMENT PLAN (PSEP) Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Status Variance Explanation	WP Activity Description	2024 GRC Testimony Location
Capital	**PIPELINE SAFETY ENHANCEMENT PLAN (PSEP)**	**PIPELINE SAFETY ENHANCEMENT PLAN (PSEP)**				**Yes**			
Capital	PIPELINE SAFETY ENHANCEMENT PLAN	PSEP P1B REPLACEMENTS	Incident Related to the High Pressure System (Excluding Dig-in)	PSEP Phase 1B Pipeline Replacement Non-HCA (GRC Base)	T2.4 Non-HCA	No	N/A	These costs represent Phase 1B replacement projects that are scheduled to be placed in service from 2022-2024. A total of 6 replacement projects are scheduled to be placed in service during the forecast period of 2022-2024. Detailed information at a project level is contained in the supplemental workpapers included as Exhibit No. SCG-08-WPS, Volume I.	SCG-08 BGK-25 to BGK-34 CWP 00512B
Capital	**PIPELINE SAFETY ENHANCEMENT PLAN**	**SubTotal PSEP P1B REPLACEMENTS**				**Yes**			
Capital	PIPELINE SAFETY ENHANCEMENT PLAN	PSEP P2A CAPITAL REPLACEMENTS OF HYDROTESTS	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A	These costs represent the capital components of Phase 2A hydrotests that are scheduled to be placed in service from 2022-2024. Such costs include removal and replacement of non-piggable features, integrity anomalies, and small sections of pipe where test heads will be installed to facilitate the test. O&M costs associated with these hydrotests are addressed in workpaper 2PS000.000. A total of 11 hydrotest projects are scheduled to be placed in service during the forecast period of 2022-2024. Detailed information at a project level is contained in the supplemental workpapers included as Exhibit No. SCG-08-WPS, Volume I. Over the course of hydrotesting pipelines, a test failure can occur, necessitating a pipeline repair. To address this potential for test failure during hydrotest, an allowance was added for each year in the GRC. The methodology for calculating the allowance for test failures is included in the Construction Miscellaneous costs supplemental workpaper included as Exhibit No. SCG-08-WPS, Volume VI.	SCG-08 BGK-44 to BGK-45 CWP 00512A
Capital	PIPELINE SAFETY ENHANCEMENT PLAN	PSEP P2A CAPITAL REPLACEMENTS OF HYDROTESTS	Incident Related to the High Pressure System (Excluding Dig-in)	P2A Capital Replacements for Hydrotests Non-HCA (GRC Base)	T3.4 Non-HCA	No	N/A	These costs represent the capital components of Phase 2A hydrotests that are scheduled to be placed in service from 2022-2024. Such costs include removal and replacement of non-piggable features, integrity anomalies, and small sections of pipe where test heads will be installed to facilitate the test. O&M costs associated with these hydrotests are addressed in workpaper 2PS000.000. A total of 11 hydrotest projects are scheduled to be placed in service during the forecast period of 2022-2024. Detailed information at a project level is contained in the supplemental workpapers included as Exhibit No. SCG-08-WPS, Volume I. Over the course of hydrotesting pipelines, a test failure can occur, necessitating a pipeline repair. To address this potential for test failure during hydrotest, an allowance was added for each year in the GRC. The methodology for calculating the allowance for test failures is included in the Construction Miscellaneous costs supplemental workpaper included as Exhibit No. SCG-08-WPS, Volume VI.	SCG-08 BGK-37 to BGK-44 CWP 00512A
Capital	**PIPELINE SAFETY ENHANCEMENT PLAN**	**SubTotal PSEP P2A CAPITAL REPLACEMENTS OF HYDROTESTS**				**Yes**			
Capital	PIPELINE SAFETY ENHANCEMENT PLAN	PSEP P2A REPLACEMENTS	Incident Related to the High Pressure System (Excluding Dig-in)	P2A Replacements Non-HCA (GRC Base)	T3.2 Non-HCA	No	N/A	These costs represent Phase 2A replacement projects that are scheduled to be placed in service from 2022-2024. A total of 10 replacement projects are scheduled to be placed in service during the forecast period of 2022-2024. Detailed information at a project level is contained in the supplemental workpapers included as Exhibit No. SCG-08-WPS, Volume I.	SCG-08 BGK-25 to BGK-34 CWP 00512C
Capital	**PIPELINE SAFETY ENHANCEMENT PLAN**	**SubTotal PSEP P2A REPLACEMENTS**				**Yes**			

SoCalGas PIPELINE SAFETY ENHANCEMENT PLAN (PSEP) Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Status Variance Explanation	WP Activity Description	2024 GRC Testimony Location
Capital	PIPELINE SAFETY ENHANCEMENT PLAN	PSEP VALVES	Incident Related to the High Pressure System (Excluding Dig-in)	Valve Enhancement (GRC base)	C22-T4.3 Valve Enhancement HCA	No	Projects within this workpaper were anticipated to be completed during the 2019 GRC cycle but will be completed within the 2024 GRC cycle.	Execution of 75 Valve Enhancement Plan projects encompassing the following different types of enhancements : 1) Installation of new Automatic Shut-off Valves (ASV)/Remote Control Valves (RCV) on transmission pipelines, 2) Installation of new backflow prevention devices, either with check valve installations or through modifications to existing regulator stations, 3) Installation of new communications technology to enhance existing valve sites already equipped with ASC /RCV technology, and 4) Installation of new flow meters on major transmission pipelines and at major interconnection points. Detailed information at a project level is contained in the supplemental workpapers included as Exhibit No. SCG-08-WPS, Volume1.	SCG-08 BGK-34 to BGK-35 CWP 00571A
Capital	PIPELINE SAFETY ENHANCEMENT PLAN	PSEP VALVES	Incident Related to the High Pressure System (Excluding Dig-in)	Valve Enhancement (GRC base)	C22-T4.4 Valve Enhancement Non-HCA	No	Projects within this workpaper were anticipated to be completed during the 2019 GRC cycle but will be completed within the 2024 GRC cycle.	Execution of 75 Valve Enhancement Plan projects encompassing the following different types of enhancements : 1) Installation of new Automatic Shut-off Valves (ASV)/Remote Control Valves (RCV) on transmission pipelines, 2) Installation of new backflow prevention devices, either with check valve installations or through modifications to existing regulator stations, 3) Installation of new communications technology to enhance existing valve sites already equipped with ASC /RCV technology, and 4) Installation of new flow meters on major transmission pipelines and at major interconnection points. Detailed information at a project level is contained in the supplemental workpapers included as Exhibit No. SCG-08-WPS, Volume1.	SCG-08 BGK-34 to BGK-35 CWP 00571A
Capital	**PIPELINE SAFETY ENHANCEMENT PLAN**	**SubTotal PSEP VALVES**				**Yes**			

SoCalGas GAS ENGINEERING Capital

Type	W Areas Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll Ups	Project Life (Years)	Project Type	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date ($)
Capital	GAS ENGINEERING	GAS ENGINEERING				Yes			10,000	—	—	—	10,000	10,000	10,000	10,000	10,000	10,000
Capital	GAS ENGINEERING	AVIATION SERVICES	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	175	—	—	—	175	498	513	528	544	498
Capital	GAS ENGINEERING	**SubTotal AVIATION SERVICES**				Yes			175	—	—	—	175	498	513	528	544	498
Capital	GAS ENGINEERING	LABORATORY EQUIPMENT (BC710)	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	1,011	—	—	—	1,011	1,687	1,738	1,790	1,844	1,687
Capital	GAS ENGINEERING	**SubTotal LABORATORY EQUIPMENT (BC710)**				Yes			1,011	—	—	—	1,011	1,687	1,738	1,790	1,844	1,687
Capital	GAS ENGINEERING	LAND RIGHTS	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	353	—	—	—	353	360	371	382	393	360
Capital	GAS ENGINEERING	**SubTotal LAND RIGHTS**				Yes			353	—	—	—	353	360	371	382	393	360
Capital	GAS ENGINEERING	SUPERVISION AND ENGINEERING OVERHEAD POOL	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	20,042	—	—	—	20,042	15,843	16,318	16,808	17,312	15,843
Capital	GAS ENGINEERING	**SubTotal SUPERVISION AND ENGINEERING OVERHEAD POOL**				Yes			20,042	—	—	—	20,042	15,843	16,318	16,808	17,312	15,843

SoCalGas GAS ENGINEERING Capital

Type	W4 zone Area (Line of Business)	WP Activity Description (Describing Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	SubTotal	Annual Cost Difference (2024	Annual Cost Difference (2025	Annual Cost Difference (2026	Annual Cost Difference (2027	Cost to Date Difference ($)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance (2025	Annual Cost Percent Variance (2026	Annual Cost Percent Variance (2027	Cost to Date Percent Variance
Capital	GAS ENGINEERING	GAS ENGINEERING				No	$2,111	($530)	($530)	($544)	$2,111	66%	-100%	-100%	-100%	66%
Capital	GAS ENGINEERING	AVIATION SERVICES	Non-RAMP	Non-RAMP	Non-RAMP	No	(325)	(513)	(528)	(544)	(325)	-65%	-100%	-100%	-100%	-65%
Capital	GAS ENGINEERING	**SubTotal AVIATION SERVICES**				Yes	(325)	(513)	(528)	(544)	(325)	-65%	-100%	-100%	-100%	-65%
Capital	GAS ENGINEERING	LABORATORY EQUIPMENT (BC710)	Non-RAMP	Non-RAMP	Non-RAMP	No	(656)	(1,738)	(1,790)	(1,844)	(656)	-39%	-100%	-100%	-100%	-39%
Capital	GAS ENGINEERING	**SubTotal LABORATORY EQUIPMENT (BC720)**				Yes	(656)	(1,738)	(1,790)	(1,844)	(656)	-39%	-100%	-100%	-100%	-39%
Capital	GAS ENGINEERING	LAND RIGHTS	Non-RAMP	Non-RAMP	Non-RAMP	No	(107)	(371)	(382)	(393)	(107)	-30%	-100%	-100%	-100%	-30%
Capital	GAS ENGINEERING	**SubTotal LAND RIGHTS**				Yes	(107)	(371)	(382)	(393)	(107)	-30%	-100%	-100%	-100%	-30%
Capital	GAS ENGINEERING	SUPERVISION AND ENGINEERING OVERHEAD POOL	Non-RAMP	Non-RAMP	Non-RAMP	No	13,199	(16,318)	(16,808)	(17,312)	13,199	83%	-100%	-100%	-100%	83%
Capital	GAS ENGINEERING	**SubTotal SUPERVISION AND ENGINEERING OVERHEAD POOL**				Yes	13,199	(16,318)	(16,808)	(17,312)	13,199	83%	-100%	-100%	-100%	83%

SoCalGas GAS ENGINEERING Capital

Type	W Assoc Area (Line of Business)	WP Activity Description (Showing Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll Up	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
Capital	GAS ENGINEERING	GAS ENGINEERING				Yes																					
Capital	GAS ENGINEERING	AVIATION SERVICES	Non-RAMP	Non-RAMP	Non-RAMP	No	Small Unmanned Aerial Systems (sUAS)	1				1	5				5	(4)	0	0	0	(4)	(80)%	0%	0%	0%	(80)%
Capital	GAS ENGINEERING	**SubTotal AVIATION SERVICES**				Yes																					
Capital	GAS ENGINEERING	LABORATORY EQUIPMENT (BCT10)	Non-RAMP	Non-RAMP	Non-RAMP	No	Laboratory Instrument	45				45	45				45	(0)	0	0	0	(0)	(1)%	0%	0%	0%	(1)%
Capital	GAS ENGINEERING	**SubTotal LABORATORY EQUIPMENT (BCT10)**				Yes																					
Capital	GAS ENGINEERING	LAND RIGHTS	Non-RAMP	Non-RAMP	Non-RAMP	No	The workpaper provides capital funding for acquisition of land or land rights it remains necessary to allow for the access, construction, operation and maintenance of pipeline infrastructure on public and private properties. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																				
Capital	GAS ENGINEERING	**SubTotal LAND RIGHTS**				Yes																					
Capital	GAS ENGINEERING	SUPERVISION AND ENGINEERING OVERHEAD POOL	Non-RAMP	Non-RAMP	Non-RAMP	No	Supervision & Engineering Overhead Pool captures expenditures on a direct basis that will be reassigned to various capital workpaper categories and includes labor costs for planning, and engineering of capital gas infrastructure projects including compressor station replacement, fiber optics, and methane detection systems. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																				
Capital	GAS ENGINEERING	**SubTotal SUPERVISION AND ENGINEERING OVERHEAD POOL**				Yes																					

SoCalGas GAS ENGINEERING Capital

Type	W Areas Area (Line of Business)	WP Activity Description (Recording Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll up	Safety, Reliability, or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status	Status Variance Explanation Required?
Capital	GAS ENGINEERING	GAS ENGINEERING				No										
Capital	GAS ENGINEERING	AVIATION SERVICES	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	YES	N/A	The variance is primarily driven by lower than forecasted staffing levels that limited the amount of operational support which resulted in lower than forecasted units purchased.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	GAS ENGINEERING	**SubTotal AVIATION SERVICES**				Yes	YES	NO								NO
Capital	GAS ENGINEERING	LABORATORY EQUIPMENT (BC7310)	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	GAS ENGINEERING	**SubTotal LABORATORY EQUIPMENT (BC7310)**				Yes	YES	NO								NO
Capital	GAS ENGINEERING	LAND RIGHTS	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	Under (U)	Proceeding as Planned	NO
Capital	GAS ENGINEERING	**SubTotal LAND RIGHTS**				Yes	YES	NO								NO
Capital	GAS ENGINEERING	SUPERVISION AND ENGINEERING OVERHEAD POOL	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	YES	NO	The variance is attributed to the increased volume of projects. The data used for this forecast included years that had a lower amount of capital projects. This was also combined with the authorized amount being lower than forecasted.	N/A	On Target (T)	On Target (T)	Over (O)	Expanded	NO
Capital	GAS ENGINEERING	**SubTotal SUPERVISION AND ENGINEERING OVERHEAD POOL**				Yes	YES	YES								NO

SoCalGas GAS ENGINEERING Capital

Type	W Areas Area (Line of Business)	WP Activity Description (Recording Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll Up	Status Variance Explanation	WP Activity Description	2024 GRC Testimony Exhibit
Capital	GAS ENGINEERING	GAS ENGINEERING				No			
Capital	GAS ENGINEERING	AVIATION SERVICES	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A	Provides capital funding to the Aviation Services Program for purchase of aerial hoist tools such as unmanned aerial fixed and ancillary equipment required to support Gas Operations organizations and to conduct inspections of remote and difficult to access areas for pipeline patrol and leak survey in compliance with GO-112F.	SCG-07-R MTM-37 CWP 003430
Capital	GAS ENGINEERING	**SubTotal AVIATION SERVICES**				Yes			
Capital	GAS ENGINEERING	LABORATORY EQUIPMENT (BC7310)	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
Capital	GAS ENGINEERING	**SubTotal LABORATORY EQUIPMENT (BC7310)**				Yes			
Capital	GAS ENGINEERING	LAND RIGHTS	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
Capital	GAS ENGINEERING	**SubTotal LAND RIGHTS**				Yes			
Capital	GAS ENGINEERING	SUPERVISION AND ENGINEERING OVERHEAD POOL	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A	Provides pool for Supervision and Engineering charges to be made on a direct basis to this capital category that are then assigned to the various budget categories on an indirect basis. Charges made to this budget category temporarily and are reassigned monthly.	SCG-07-R MTM-39 to MTM-40 CWP 004080
Capital	GAS ENGINEERING	**SubTotal SUPERVISION AND ENGINEERING OVERHEAD POOL**				Yes			

SoCalGas GAS STORAGE OPERATIONS AND CONSTRUCTION Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Treatm	Rollup	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date ($)
Capital	GAS STORAGE OPERATIONS AND CONSTRUCTION	GASSTORAGE OPERATIONS AND CONSTRUCTION				Yes			239,612	---	---	---	239,612	146,503	190,617	154,929	109,577	146,503
Capital	GAS STORAGE	GAS STOR AUX EQUIP & INFRASTR	Non-RAMP	Non-RAMP	Non-RAMP	No	Ongoing	Annual	75,966	---	---	---	75,966	33,839	34,854	35,900	36,977	33,839
Capital	GAS STORAGE	SubTotal GASSTOR AUX EQUIP & INFRASTR				Yes			75,966	---	---	---	75,966	33,839	34,854	35,900	36,977	33,839
Capital	GAS STORAGE	GAS STOR COMP STA ADD/RPLS	Incident Related to the Storage System (Excluding Dig-in)	Compressor Overhauls	Above Ground Facilities	No	Ongoing	Annual	69,845	---	---	---	69,845	15,287	15,745	16,217	16,704	15,287
Capital	GAS STORAGE	SubTotal GASSTOR COMP STA ADD/RPLS				Yes			69,845	---	---	---	69,845	15,287	15,745	16,217	16,704	15,287
Capital	GAS STORAGE	GAS STOR PIPELINES	Non-RAMP	Non-RAMP	Non-RAMP	No	Ongoing	Annual	23,543	---	---	---	23,543	28,844	29,710	30,601	31,519	28,844
Capital	GAS STORAGE	SubTotal GASSTOR PIPELINES				Yes			23,543	---	---	---	23,543	28,844	29,710	30,601	31,519	28,844
Capital	GAS STORAGE	GAS STOR PURIFI EQUIP	Incident Related to the Storage System (Excluding Dig-in)	Upgrade to Purification Equipment	Above Ground Facilities	No	Ongoing	Annual	12,589	---	---	---	12,589	11,205	11,603	11,951	12,310	11,205
Capital	GAS STORAGE	SubTotal GASSTOR PURIFI EQUIP				Yes			12,589	---	---	---	12,589	11,205	11,603	11,951	12,310	11,205
Capital	GAS STORAGE	GAS STOR WELLS	Incident Related to the Storage System (Excluding Dig-in)	Integrity Demonstration, Verification and Monitoring Practices	Underground Components	No	Ongoing	Annual	11,289	---	---	---	11,289	7,021	7,232	7,449	7,672	7,021
Capital	GAS STORAGE	GAS STOR WELLS	Incident Related to the Storage System (Excluding Dig-in)	Well Abandonment and Replacement	Underground Component	No	Ongoing	Annual	46,450	---	---	---	46,450	49,779	51,272	52,811	54,395	49,779
Capital	GAS STORAGE	SubTotal GASSTOR WELLS				Yes			57,739	---	---	---	57,739	56,800	58,504	60,260	62,067	56,800

SoCalGas GAS STORAGE OPERATIONS AND CONSTRUCTION Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Treatm	Rollup	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference (Si	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
Capital	GAS STORAGE OPERATIONS AND CONSTRUCTION	GAS STORAGE OPERATIONS AND CONSTRUCTION				Yes	93,497	(1,963,616)	(154,929)	(1,963,977)	93,648	64%	-100%	-100%	-100%	64%
Capital	GAS STORAGE	GAS STOR AUX EQUIP & INFRASTR	Non-RAMP	Non-RAMP	Non-RAMP	No	42,127	(34,854)	(35,900)	(36,977)	42,127	124%	-100%	-100%	-100%	124%
Capital	**GAS STORAGE**	**SubTotal GASSTOR AUX EQUIP & INFRASTR**				Yes	**42,127**	**(34,854)**	**(35,900)**	**(36,977)**	**42,127**	**124%**	**-100%**	**-100%**	**-100%**	**124%**
Capital	GAS STORAGE	GAS STOR COMP STA ADD/RPLS	Incident Related to the Storage System (Excluding Dig-in)	Compressor Overhauls	Above Ground Facilities	No	54,558	(15,745)	(16,217)	(16,704)	54,558	357%	-100%	-100%	-100%	357%
Capital	**GAS STORAGE**	**SubTotal GASSTOR COMP STA ADD/RPLS**				Yes	**54,558**	**(15,745)**	**(16,217)**	**(16,704)**	**54,558**	**357%**	**-100%**	**-100%**	**-100%**	**357%**
Capital	GAS STORAGE	GAS STOR PIPELINES	Non-RAMP	Non-RAMP	Non-RAMP	No	(5,301)	(29,710)	(30,601)	(31,519)	(5,301)	-18%	-100%	-100%	-100%	-18%
Capital	**GAS STORAGE**	**SubTotal GASSTOR PIPELINES**				Yes	**(5,301)**	**(29,710)**	**(30,601)**	**(31,519)**	**(5,301)**	**-18%**	**-100%**	**-100%**	**-100%**	**-18%**
Capital	GAS STORAGE	GAS STOR PURIFI EQUIP	Incident Related to the Storage System (Excluding Dig-in)	Upgrade to Purification Equipment	Above Ground Facilities	No	1,324	(11,603)	(11,951)	(12,310)	1,324	12%	-100%	-100%	-100%	12%
Capital	**GAS STORAGE**	**SubTotal GASSTOR PURIFI EQUIP**				Yes	**1,324**	**(11,603)**	**(11,951)**	**(12,310)**	**1,324**	**12%**	**-100%**	**-100%**	**-100%**	**12%**
Capital	GAS STORAGE	GAS STOR WELLS	Incident Related to the Storage System (Excluding Dig-in)	Integrity Demonstration, Verification and Monitoring Practices	Underground Components	No	4,268	(7,232)	(7,469)	(7,672)	4,268	61%	-100%	-100%	-100%	61%
Capital	GAS STORAGE	GAS STOR WELLS	Incident Related to the Storage System (Excluding Dig-in)	Well Abandonment and Replacement	Underground Component	No	(3,329)	(51,272)	(52,811)	(54,395)	(3,329)	-7%	-100%	-100%	-100%	-7%
Capital	**GAS STORAGE**	**SubTotal GASSTOR WELLS**				Yes	**939**	**(58,504)**	**(60,360)**	**(62,067)**	**939**	**2%**	**-100%**	**-100%**	**-100%**	**2%**

SoCalGas GAS STORAGE OPERATIONS AND CONSTRUCTION Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Treatm	Rollup	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
Capital	GAS STORAGE OPERATIONS AND CONSTRUCTION	GAS STORAGE OPERATIONS AND CONSTRUCTION				Yes																					
Capital	GAS STORAGE	GAS STOR AUX EQUIP & INFRASTR	Non-RAMP	Non-RAMP	Non-RAMP	No	Storage Field	4				4	4				4	0	0	0	0	—	0%	0%	0%	0%	0%
Capital	GAS STORAGE	SubTotal GASSTOR AUX EQUIP & INFRASTR				Yes																					
Capital	GAS STORAGE	GAS STOR COMP STA ADD/RPLS	Incident Related to the Storage System (Excluding Dig-in)	Compressor Overhauls	Above Ground Facilities	No	Storage Field	4				4	4				4	0	0	0	0	—	0%	0%	0%	0%	0%
Capital	GAS STORAGE	SubTotal GASSTOR COMP STA ADD/RPLS				Yes																					
Capital	GAS STORAGE	GAS STOR PIPELINES	Non-RAMP	Non-RAMP	Non-RAMP	No	Storage Field	4				4	4				4	0	0	0	0	—	0%	0%	0%	0%	0%
Capital	GAS STORAGE	SubTotal GASSTOR PIPELINES				Yes																					
Capital	GAS STORAGE	GAS STOR PURIFI EQUIP	Incident Related to the Storage System (Excluding Dig-in)	Upgrade to Purification Equipment	Above Ground Facilities	No	Storage Field	4				4	4				4	0	0	0	0	—	0%	0%	0%	0%	0%
Capital	GAS STORAGE	SubTotal GASSTOR PURIFI EQUIP				Yes																					
Capital	GAS STORAGE	GAS STOR WELLS	Incident Related to the Storage System (Excluding Dig-in)	Integrity Demonstration, Verification and Monitoring Practices	Underground Components	No	Wells	7				7	2				2	5	0	0	0	5	250%	0%	0%	0%	250%
Capital	GAS STORAGE	GAS STOR WELLS	Incident Related to the Storage System (Excluding Dig-in)	Well Abandonment and Replacement	Underground Component	No	Wells	6				6	4				4	2	0	0	0	2	50%	0%	0%	0%	50%
Capital	GAS STORAGE	SubTotal GASSTOR WELLS				Yes																					

SoCalGas GAS STORAGE OPERATIONS AND CONSTRUCTION Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Treatise	Rollup	Safety, Reliability, or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status	Status Variance Explanation Required?
Capital	GAS STORAGE OPERATIONS AND CONSTRUCTION	GASSTORAGE OPERATIONS AND CONSTRUCTION				Yes										
Capital	GAS STORAGE	GAS STOR AUX EQUIP & INFRASTR	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	YES	NO	Higher than forecasted costs primarily due to South Coast Air Quality Management District (SCAQMD) Regional Clean Air Incentives Market (RECLAIM) projects. Playa del Rey (PDR) RECLAIM project experienced an extended construction schedule due to the revised scope of additional equipment (air cooler exchangers, fin fan coolers, and new power infrastructure) required to install superchargers. The superchargers are required to meet SCAQMD compliance and permit conditions. Additionally, the Aliso Canyon RECLAIM Lean Burn project required higher than forecasted engineering and construction activities.	N/A	Over (O)	Over (O)	Over (O)	Proceeding as Planned	NO
Capital	GAS STORAGE	SubTotal GASSTOR AUX EQUIP & INFRASTR				Yes	YES	YES								NO
Capital	GAS STORAGE	GAS STOR COMP STA ADD/RPLS	Incident Related to the Storage System (Excluding Dig-in)	Compressor Overhauls	Above Ground Facilities	No	YES	YES	NO	Higher than forecasted costs attributable to the Honor Rancho Compressor Modernization (HRCM) project. The final GRC decision did not authorize costs to be placed into rates and instead ordered SoCalGas to file for cost recovery via a Tier 3 Advice Letter upon completing and placing the project into service. Therefore, no forecasts for HRCM are in the Imputed Authorized column. The costs incurred in 2024 are associated with execution of Phase 1 Detailed Engineering and Procurement activities, associated company labor and support services, continued environmental permitting activities, non-environmental permitting applications, and Southern California Edison (SCE) Added Facilities cost; all of which support the modernization of the existing station and associated safety, emission reduction and reliability benefits.	N/A	Over (O)	On Target (T)	Over (O)	Expanded	NO
Capital	GAS STORAGE	SubTotal GASSTOR COMP STA ADD/RPLS				Yes	YES	YES								NO
Capital	GAS STORAGE	GAS STOR PIPELINES	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	GAS STORAGE	SubTotal GASSTOR PIPELINES				Yes	YES	NO								NO
Capital	GAS STORAGE	GAS STOR PURIFI EQUIP	Incident Related to the Storage System (Excluding Dig-in)	Upgrade to Purification Equipment	Above Ground Facilities	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	GAS STORAGE	SubTotal GASSTOR PURIFI EQUIP				Yes	YES	NO								NO
Capital	GAS STORAGE	GAS STOR WELLS	Incident Related to the Storage System (Excluding Dig-in)	Integrity Demonstration, Verification and Monitoring Practices	Underground Components	No	YES	YES	YES	The variance is due to permitting delays which led to prioritizing well workovers instead of replacement wells.	The variance is due to permitting delays which led to prioritizing well workovers instead of replacement wells.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	GAS STORAGE	GAS STOR WELLS	Incident Related to the Storage System (Excluding Dig-in)	Well Abandonment and Replacement	Underground Component	No	YES	NO	YES	N/A	Number of well abandonments exceeded forecasts due to prioritizing projects with less complex regulatory permitting processes leading to quicker execution.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	GAS STORAGE	SubTotal GASSTOR WELLS				Yes	YES	NO								NO

SoCalGas GAS STORAGE OPERATIONS AND CONSTRUCTION Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Transfer	Rollup	Status Variance Explanation	WP Activity Description	2021 GRC Testimony Location
Capital	GAS STORAGE OPERATIONS AND CONSTRUCTION	GASSTORAGE OPERATIONS AND CONSTRUCTION				Yes			
Capital	GAS STORAGE	GAS STOR AUX EQUIP & INFRASTR	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A	This budget code includes work on distinct types of field equipment not included in other budget codes such as instrumentation, measurement, controls, electrical, drainage, infrastructure, safety, security, and communications systems. SoCalGas plans to perform necessary work to alleviate instrumentation, Supervisory, Control and Data Acquisition (SCADA), measurement, controls, electrical, cyber security, and other auxiliary systems support issues. This anticipated work on various equipment including: coolers, scrubbers, boilers, pumps, valves, piping, and power supplies. The upgrade of auxiliary systems will help maintain safety, security, deliverability, and reliability in the delivery of pipeline-quality natural gas	SCG-10-R LTB SH-30 to LTB SH-31 CWP 004130
Capital	GAS STOR AGE	SubTotal GASSTOR AUX EQUIP & INFRASTR				Yes			
Capital	GAS STORAGE	GAS STOR COMP STA ADD/RPLS	Incident Related to the Storage System (Excluding Dig-in)	Compressor Overhauls	Above Ground Facilities	No	N/A	This category includes costs associated with routine capital improvements for compressors located at storage fields. Storage compressor units increase the pressure of natural gas so it can be injected into the underground reservoirs. Examples of equipment within this area include engines, high pressure gas compressors, electric drive compressors, compressed air system equipment, fire suppression systems, gas scrubbers, auxiliary systems, and related control instruments. This category includes the necessary capital for maintenance, replacements, and upgrades of the various storage field compression sites to maintain and enhance reliability, extend equipment life, achieve environmental compliance, and to meet the required injection capacities.	SCG-10-R LTB SH-19 to LTB SH-20 CWP 004130
Capital	GAS STOR AGE	SubTotal GASSTOR COMP STA ADD/RPLS				Yes			
Capital	GAS STORAGE	GAS STOR PIPELINES	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
Capital	GAS STOR AGE	SubTotal GASSTOR PIPELINES				Yes			
Capital	GAS STORAGE	GAS STOR PURIFI EQUIP	Incident Related to the Storage System (Excluding Dig-in)	Upgrade to Purification Equipment	Above Ground Facilities	No	N/A		
Capital	GAS STOR AGE	SubTotal GASSTOR PURIFI EQUIP				Yes			
Capital	GAS STORAGE	GAS STOR WELLS	Incident Related to the Storage System (Excluding Dig-in)	Integrity Demonstration, Verification and Monitoring Practices	Underground Components	No	N/A	This category includes costs associated with replacing components on existing wells and the design, drilling, and completion of replacement wells for the injection and withdrawal of natural gas and reservoir observation purposes. This includes well workover contractors (major well work), drilling contractors, and component materials such as tubing, casing, valves, pumps, and other down-hole equipment.	SCG-10-R LTB SH-24 to LTB SH-26 CWP 004120
Capital	GAS STORAGE	GAS STOR WELLS	Incident Related to the Storage System (Excluding Dig-in)	Well Abandonment and Replacement	Underground Component	No	N/A	This category includes costs associated with replacing components on existing wells and the design, drilling, and completion of replacement wells for the injection and withdrawal of natural gas and reservoir observation purposes. This includes well workover contractors (major well work), drilling contractors, and component materials such as tubing, casing, valves, pumps, and other down-hole equipment.	SCG-10-R LTB SH-24 to LTB SH-26 CWP 004120
Capital	GAS STOR AGE	SubTotal GASSTOR WELLS				Yes			

SoCalGas FACILITIES/OTHER Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date ($)
Capital	FACILITIES/OTHER	FACILITIES/OTHER				Yes			131,027	—	—	—	131,027	98,876	101,841	104,936	108,043	98,876
Capital	FACILITIES/OTHER	RNG REFUELING STATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No			3,395	—	—	—	3,395	651	670	691	712	651
Capital	**FACILITIES/OTHER**	**SubTotal RNG REFUELING STATIONS**				**Yes**			**3,395**	**—**	**—**	**—**	**3,395**	**651**	**670**	**691**	**712**	**651**
Capital	FACILITIES/OTHER	ELECTRIC VEHICLE CHARGING	Non-RAMP	Non-RAMP	Non-RAMP	No			3,228	—	—	—	3,228	4,468	4,602	4,740	4,882	4,468
Capital	**FACILITIES/OTHER**	**SubTotal ELECTRIC VEHICLE CHARGING**				**Yes**			**3,228**	**—**	**—**	**—**	**3,228**	**4,468**	**4,602**	**4,740**	**4,882**	**4,468**
Capital	FACILITIES/OTHER	FLEET EQUIPMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	304	—	—	—	304	554	571	588	606	554
Capital	**FACILITIES/OTHER**	**SubTotal FLEET EQUIPMENT**				**Yes**			**304**	**—**	**—**	**—**	**304**	**554**	**571**	**588**	**606**	**554**
Capital	FACILITIES/OTHER	SAFETY AND COMPLIANCE	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	5,660	—	—	—	5,660	2,379	2,450	2,523	2,599	2,379
Capital	**FACILITIES/OTHER**	**SubTotal SAFETY AND COMPLIANCE**				**Yes**			**5,660**	**—**	**—**	**—**	**5,660**	**2,379**	**2,450**	**2,523**	**2,599**	**2,379**
Capital	FACILITIES/OTHER	INFRASTRUCTURE & IMPROVEMENTS	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	100,476	—	—	—	100,476	76,148	78,432	80,785	83,209	76,148
Capital	FACILITIES/OTHER	INFRASTRUCTURE & IMPROVEMENTS	Incident Involving an Employee	Workplace Violence Prevention Programs	Non-Vehicle	No	On-going	Annual	12,379	—	—	—	12,379	5,524	5,689	5,860	6,036	5,524
Capital	**FACILITIES/OTHER**	**SubTotal INFRASTRUCTURE & IMPROVEMENTS**				**Yes**			**112,855**	**—**	**—**	**—**	**112,855**	**81,672**	**84,121**	**86,645**	**89,245**	**81,672**
Capital	FACILITIES/OTHER	SUSTAINABILITY AND ENERGY CONSERVATION	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	1,671	—	—	—	1,671	4,963	5,112	5,265	5,422	4,963
Capital	FACILITIES/OTHER	SUSTAINABILITY AND ENERGY CONSERVATION	Energy Resilience	Renewable Energy Solutions	Non-vehicle	No	On-going	Annual	3,913	—	—	—	3,913	4,189	4,315	4,444	4,577	4,189
Capital	**FACILITIES/OTHER**	**SubTotal SUSTAINABILITY AND ENERGY CONSERVATION**				**Yes**			**5,584**	**—**	**—**	**—**	**5,584**	**9,152**	**9,427**	**9,709**	**9,999**	**9,152**

SoCalGas FACILITIES/OTHER Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference ($)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
Capital	FACILITIES/OTHER	FACILITIES/OTHER				Yes	32,154	(101,841)	(104,896)	(103,043)	32,154	31%	-100%	-100%	-100%	31%
Capital	FACILITIES/OTHER	RNG REFUELING STATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	2,744	(670)	(691)	(712)	2,744	422%	-100%	-100%	-100%	422%
Capital	**FACILITIES/OTHER**	**SubTotal RNG REFUELING STATIONS**				**Yes**	**2,744**	**(670)**	**(691)**	**(712)**	**2,744**	**422%**	**-100%**	**-100%**	**-100%**	**422%**
Capital	FACILITIES/OTHER	ELECTRIC VEHICLE CHARGING	Non-RAMP	Non-RAMP	Non-RAMP	No	(1,240)	(4,602)	(4,740)	(4,882)	(1,240)	-28%	-100%	-100%	-100%	-28%
Capital	**FACILITIES/OTHER**	**SubTotal ELECTRIC VEHICLE CHARGING**				**Yes**	**(1,240)**	**(4,602)**	**(4,740)**	**(4,882)**	**(1,240)**	**-28%**	**-100%**	**-100%**	**-100%**	**-28%**
Capital	FACILITIES/OTHER	FLEET EQUIPMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	(250)	(571)	(588)	(606)	(250)	-45%	-100%	-100%	-100%	-45%
Capital	**FACILITIES/OTHER**	**SubTotal FLEET EQUIPMENT**				**Yes**	**(250)**	**(571)**	**(588)**	**(606)**	**(250)**	**-45%**	**-100%**	**-100%**	**-100%**	**-45%**
Capital	FACILITIES/OTHER	SAFETY AND COMPLIANCE	Non-RAMP	Non-RAMP	Non-RAMP	No	3,281	(2,450)	(2,523)	(2,599)	3,281	138%	-100%	-100%	-100%	138%
Capital	**FACILITIES/OTHER**	**SubTotal SAFETY AND COMPLIANCE**				**Yes**	**3,281**	**(2,450)**	**(2,523)**	**(2,599)**	**3,281**	**138%**	**-100%**	**-100%**	**-100%**	**138%**
Capital	FACILITIES/OTHER	INFRASTRUCTURE & IMPROVEMENTS	Non-RAMP	Non-RAMP	Non-RAMP	No	24,328	(78,432)	(80,785)	(83,209)	24,328	32%	-100%	-100%	-100%	32%
Capital	FACILITIES/OTHER	INFRASTRUCTURE & IMPROVEMENTS	Incident Involving an Employee	Workplace Violence Prevention Programs	Non-Vehicle	No	6,855	(5,689)	(5,860)	(6,036)	6,855	124%	-100%	-100%	-100%	124%
Capital	**FACILITIES/OTHER**	**SubTotal INFRASTRUCTURE & IMPROVEMENTS**				**Yes**	**31,183**	**(84,121)**	**(86,645)**	**(89,245)**	**31,183**	**38%**	**-100%**	**-100%**	**-100%**	**38%**
Capital	FACILITIES/OTHER	SUSTAINABILITY AND ENERGY CONSERVATION	Non-RAMP	Non-RAMP	Non-RAMP	No	(3,292)	(5,112)	(5,265)	(5,422)	(3,292)	-66%	-100%	-100%	-100%	-66%
Capital	FACILITIES/OTHER	SUSTAINABILITY AND ENERGY CONSERVATION	Energy Resilience	Renewable Energy Solutions	Non-vehicle	No	(276)	(4,315)	(4,444)	(4,577)	(276)	-7%	-100%	-100%	-100%	-7%
Capital	**FACILITIES/OTHER**	**SubTotal SUSTAINABILITY AND ENERGY CONSERVATION**				**Yes**	**(3,568)**	**(9,427)**	**(9,709)**	**(9,999)**	**(3,568)**	**-39%**	**-100%**	**-100%**	**-100%**	**-39%**

SoCalGas FACILITIES/OTHER Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units-2024	Imputed Authorized Units-2025	Imputed Authorized Units-2026	Imputed Authorized Units-2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
Capital	FACILITIES/OTHER	FACILITIES/OTHER				Yes																					
Capital	FACILITIES/OTHER	RNG REFUELING STATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No												0	0	0	0	0	0%	0%	0%	0%	0%
Capital	**FACILITIES/OTHER**	**SubTotal RNG REFUELING STATIONS**				**Yes**																					
Capital	FACILITIES/OTHER	ELECTRIC VEHICLE CHARGING	Non-RAMP	Non-RAMP	Non-RAMP	No												0	0	0	0	0	0%	0%	0%	0%	0%
Capital	**FACILITIES/OTHER**	**SubTotal ELECTRIC VEHICLE CHARGING**				**Yes**																					
Capital	FACILITIES/OTHER	FLEET EQUIPMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	Active Projects	1				1	1				1	0	0	0	0	---	0%	0%	0%	0%	0%
Capital	**FACILITIES/OTHER**	**SubTotal FLEET EQUIPMENT**				**Yes**																					
Capital	FACILITIES/OTHER	SAFETY AND COMPLIANCE	Non-RAMP	Non-RAMP	Non-RAMP	No	Active Projects	13				13	12				12	1	0	0	0	1	8%	0%	0%	0%	8%
Capital	**FACILITIES/OTHER**	**SubTotal SAFETY AND COMPLIANCE**				**Yes**																					
Capital	FACILITIES/OTHER	INFRASTRUCTURE & IMPROVEMENTS	Non-RAMP	Non-RAMP	Non-RAMP	No	Active Projects	80				80	77				77	3	0	0	0	3	4%	0%	0%	0%	4%
Capital	FACILITIES/OTHER	INFRASTRUCTURE & IMPROVEMENTS	Incident Involving an Employee	Workplace Violence Prevention Programs	Non-Vehicle	No	Active Projects	58				58	54				54	4	0	0	0	4	7%	0%	0%	0%	7%
Capital	**FACILITIES/OTHER**	**SubTotal INFRASTRUCTURE & IMPROVEMENTS**				**Yes**																					
Capital	FACILITIES/OTHER	SUSTAINABILITY AND ENERGY CONSERVATION	Non-RAMP	Non-RAMP	Non-RAMP	No	Active Projects	10				10	15				15	(5)	0	0	0	(5)	(33)%	0%	0%	0%	(33)%
Capital	FACILITIES/OTHER	SUSTAINABILITY AND ENERGY CONSERVATION	Energy Resilience	Renewable Energy Solutions	Next vehicle	No	Active Projects	2				2	2				2	0	0	0	0	---	0%	0%	0%	0%	0%
Capital	**FACILITIES/OTHER**	**SubTotal SUSTAINABILITY AND ENERGY CONSERVATION**				**Yes**																					

SoCalGas FACILITIES/OTHER Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Safety, Reliability, or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status	Status Variance Explanation Required?
Capital	FACILITIES/OTHER	FACILITIES/OTHER				Yes										
Capital	FACILITIES/OTHER	RNG REFUELING STATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
Capital	**FACILITIES/OTHER**	**SubTotal RNG REFUELING STATIONS**				**Yes**	**NO**	NO								NO
Capital	FACILITIES/OTHER	ELECTRIC VEHICLE CHARGING	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
Capital	**FACILITIES/OTHER**	**SubTotal ELECTRIC VEHICLE CHARGING**				**Yes**	**NO**	NO								NO
Capital	FACILITIES/OTHER	FLEET EQUIPMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	**FACILITIES/OTHER**	**SubTotal FLEET EQUIPMENT**				**Yes**	**YES**	**NO**								**NO**
Capital	FACILITIES/OTHER	SAFETY AND COMPLIANCE	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	YES	NO	The variance is due to the installation of an enhanced fire protection system at the Pico Rivera regional headquarters in compliance with National Fire Protection Association Fire Code 1.	N/A	Over (O)	On Target (T)	Over (O)	Proceeding as Planned	NO
Capital	**FACILITIES/OTHER**	**SubTotal SAFETY AND COMPLIANCE**				**Yes**	**YES**	**YES**								**NO**
Capital	FACILITIES/OTHER	INFRASTRUCTURE & IMPROVEMENTS	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	YES	NO	The variance is primarily due to added renovation projects and increased scope to address aging facilities, building efficiency improvements to meet state goals, changing needs of workforce, seismic retrofits, and ADA and other compliance. Also, Control Center Modernization (CCM) building cost increases due to building design enhancements for mechanical, electrical and plumbing resiliency, as well as global supply chain impacts to raw material and equipment pricing.	N/A	Over (O)	Over (O)	Over (O)	Proceeding as Planned	NO
Capital	FACILITIES/OTHER	INFRASTRUCTURE & IMPROVEMENTS	Incident Involving an Employee	Workplace Violence Prevention Programs	Non-Vehicle	No	YES	YES	NO	Incremental projects were added to increase safety and security for employees and assets at facilities to address an increase in security threats, thefts, break-ins and vandalism. Some examples of security investments include badge reader panels, advanced fencing and security system projects at operational base locations and headquarters.	N/A	Over (O)	Over (O)	Over (O)	Proceeding as Planned	NO
Capital	**FACILITIES/OTHER**	**SubTotal INFRASTRUCTURE & IMPROVEMENTS**				**Yes**	**YES**	**YES**								**NO**
Capital	FACILITIES/OTHER	SUSTAINABILITY AND ENERGY CONSERVATION	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	YES	YES	The variance is primarily due to a strategy change to include Light-emitting diode (LED) lighting upgrades as part of remodel projects over the next 10 years instead of fragmenting LED upgrades as standalone projects.	The variance is primarily due to a strategy change to include LED lighting upgrades as part of remodel projects over the next 10 years instead of fragmenting LED upgrades as standalone projects.	Under (U)	Under (U)	Under (U)	Proceeding as Planned	NO
Capital	FACILITIES/OTHER	SUSTAINABILITY AND ENERGY CONSERVATION	Energy Resilience	Renewable Energy Solutions	Non-vehicle	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	Over (O)	Proceeding as Planned	NO
Capital	**FACILITIES/OTHER**	**SubTotal SUSTAINABILITY AND ENERGY CONSERVATION**				**Yes**	**YES**	**YES**								**NO**

SoCalGas FACILITIES/OTHER Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Status Variance Explanation	WP Activity Description	2024 GRC Testimony Location
Capital	FACILITIES/OTHER	FACILITIES/OTHER				Yes			
Capital	FACILITIES/OTHER	RNG REFUELING STATIONS	Non-RAMP	Non-RAMP	Non-RAMP	No			
Capital	**FACILITIES/OTHER**	**SubTotal RNG REFUELING STATIONS**				**Yes**			
Capital	FACILITIES/OTHER	ELECTRIC VEHICLE CHARGING	Non-RAMP	Non-RAMP	Non-RAMP	No			
Capital	**FACILITIES/OTHER**	**SubTotal ELECTRIC VEHICLE CHARGING**				**Yes**			
Capital	FACILITIES/OTHER	FLEET EQUIPMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
Capital	**FACILITIES/OTHER**	**SubTotal FLEET EQUIPMENT**				**Yes**			
Capital	FACILITIES/OTHER	SAFETY AND COMPLIANCE	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A	The Safety and Compliance projects include American with Disabilities ("ADA") improvements to improve customer access and accessibility to the branch offices, upgrades to fire systems, as well as to seismic retrofits at various facilities throughout the service territory.	SCG-19-R-2E BKG-36 to BKG-37 WP 006540
Capital	**FACILITIES/OTHER**	**SubTotal SAFETY AND COMPLIANCE**				**Yes**			
Capital	FACILITIES/OTHER	INFRASTRUCTURE & IMPROVEMENTS	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A	The Infrastructure & Improvements forecast funds necessary facility improvements, workspace changes, and equipment upgrades to adequately support business operations. Facility Operations identifies requirements based on the criticality of the facility, the age of the asset, and the implications for failure to complete the replacement or upgrade.	SCG-19-R-2E BKG-30 to BKG-36 WP 006530
Capital	FACILITIES/OTHER	INFRASTRUCTURE & IMPROVEMENTS	Incident Involving an Employee	Workplace Violence Prevention Programs	Non-Vehicle	No	N/A	Physical security systems provide protection enhancements to infrastructure to improve access control, intrusion detection, and interdiction capabilities to deter, detect, delay, or prevent undesirable events at Company facilities. The type and extent of security upgrades varies by facility, but seven have been completed, including, fences, gates, and cameras.	SCG-19-R-2E BKG-30 to BKG-36 WP 006530.004, 006530.005
Capital	**FACILITIES/OTHER**	**SubTotal INFRASTRUCTURE & IMPROVEMENTS**				**Yes**			
Capital	FACILITIES/OTHER	SUSTAINABILITY AND ENERGY CONSERVATION	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A	Real Estate and Facility Operations contributes towards the ASPIRE 2045 Climate Commitment and the Sustainability strategy of accelerating the energy transition.	SCG-19-R-2E BKG-37 to BKG-39 WP 006550
Capital	FACILITIES/OTHER	SUSTAINABILITY AND ENERGY CONSERVATION	Energy Resilience	Renewable Energy Solutions	Non-subject	No	N/A		
Capital	**FACILITIES/OTHER**	**SubTotal SUSTAINABILITY AND ENERGY CONSERVATION**				**Yes**			

SoCal Gas INFORMATION TECHNOLOGY Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($) -	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date ($)
Capital	INFORMATION TECHNOLOGY	INFORMATION TECHNOLOGY				Yes			373,661	—	—	—	373,661	197,421	193,511	190,393	204,547	189,412
Capital	INFORMATION TECHNOLOGY	ADVANCED METER DATA COLLECTOR UNIT HARDWARE REFRESH	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	4,365	—	—	—	4,365	4,392	4,524	4,659	4,799	4,392
Capital	**INFORMATION TECHNOLOGY**	**SubTotal ADVANCED METER DATA COLLECTOR UNIT HARDWARE REFRESH**				**Yes**			**4,365**	**—**	**—**	**—**	**4,365**	**4,392**	**4,524**	**4,659**	**4,799**	**4,392**
Capital	INFORMATION TECHNOLOGY	APP MODERNIZATION AND VULNERABILITY REDUCTION PHASE II	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	3,864	—	—	—	3,864	5,420	5,583	5,750	5,922	5,420
Capital	**INFORMATION TECHNOLOGY**	**SubTotal APP MODERNIZATION AND VULNERABILITY REDUCTION PHASE II**				**Yes**			**3,864**	**—**	**—**	**—**	**3,864**	**5,420**	**5,583**	**5,750**	**5,922**	**5,420**
Capital	INFORMATION TECHNOLOGY	BUSINESS ADAPTATION TECH AND DIGITALIZATION	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	210	—	—	—	210	1,536	1,582	1,629	1,678	1,536
Capital	**INFORMATION TECHNOLOGY**	**SubTotal BUSINESS ADAPTATION TECH AND DIGITALIZATION**				**Yes**			**210**	**—**	**—**	**—**	**210**	**1,536**	**1,582**	**1,629**	**1,678**	**1,536**
Capital	INFORMATION TECHNOLOGY	CENTRALIZED CUSTOMER DATA MANAGEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	1,456	—	—	—	1,456	1,466	1,510	1,555	1,602	1,466
Capital	**INFORMATION TECHNOLOGY**	**SubTotal CENTRALIZED CUSTOMER DATA MANAGEMENT**				**Yes**			**1,456**	**—**	**—**	**—**	**1,456**	**1,466**	**1,510**	**1,555**	**1,602**	**1,466**
Capital	INFORMATION TECHNOLOGY	CQMX REPLACEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No			—	—	—	—	—	94	97	100	103	94
Capital	**INFORMATION TECHNOLOGY**	**SubTotal CQMX REPLACEMENT**				**Yes**			**—**	**—**	**—**	**—**	**—**	**94**	**97**	**100**	**103**	**94**
Capital	INFORMATION TECHNOLOGY	CUSTOMER SERVICES - A	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	868	—	—	—	868	—	—	—	—	—
Capital	**INFORMATION TECHNOLOGY**	**SubTotal CUSTOMER SERVICES - A**				**Yes**			**868**	**—**	**—**	**—**	**868**	**—**	**—**	**—**	**—**	**—**
Capital	INFORMATION TECHNOLOGY	CUSTOMER SERVICES - B	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	9,995	—	—	—	9,995	—	—	—	—	—
Capital	**INFORMATION TECHNOLOGY**	**SubTotal CUSTOMER SERVICES - B**				**Yes**			**9,995**	**—**	**—**	**—**	**9,995**	**—**	**—**	**—**	**—**	**—**
Capital	INFORMATION TECHNOLOGY	DIGITAL PROCESS AUTOMATION	Non-RAMP	Non-RAMP	Non-RAMP	No			559	—	—	—	559	4,755	4,897	5,044	5,196	4,755
Capital	**INFORMATION TECHNOLOGY**	**SubTotal DIGITAL PROCESS AUTOMATION**				**Yes**			**559**	**—**	**—**	**—**	**559**	**4,755**	**4,897**	**5,044**	**5,196**	**4,755**
Capital	INFORMATION TECHNOLOGY	ELECTRONIC DATA INTERFACE EXCHANGE - WEB METHODS MODERNIZATION	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	1,258	—	—	—	1,258	1,976	2,036	2,097	2,160	1,976
Capital	**INFORMATION TECHNOLOGY**	**SubTotal ELECTRONIC DATA INTERFACE EXCHANGE - WEB METHODS MODERNIZATION**				**Yes**			**1,258**	**—**	**—**	**—**	**1,258**	**1,976**	**2,036**	**2,097**	**2,160**	**1,976**
Capital	INFORMATION TECHNOLOGY	ENTERPRISE SOURCE TO PAY (ES2P) ANALYTICS SOLUTION	Non-RAMP	Non-RAMP	Non-RAMP	No			—	—	—	—	—	33	34	35	36	33
Capital	**INFORMATION TECHNOLOGY**	**SubTotal ENTERPRISE SOURCE TO PAY (ES2P) ANALYTICS SOLUTION**				**Yes**			**—**	**—**	**—**	**—**	**—**	**33**	**34**	**35**	**36**	**33**
Capital	INFORMATION TECHNOLOGY	ENTERPRISE SOURCE TO PAY (ES2P) VALUE STREAM	Non-RAMP	Non-RAMP	Non-RAMP	No			48	—	—	—	48	1,876	1,932	1,989	2,049	1,876
Capital	**INFORMATION TECHNOLOGY**	**SubTotal ENTERPRISE SOURCE TO PAY (ES2P) VALUE STREAM**				**Yes**			**48**	**—**	**—**	**—**	**48**	**1,876**	**1,932**	**1,989**	**2,049**	**1,876**
Capital	INFORMATION TECHNOLOGY	FINANCIAL RISK MANAGEMENT - RISK BASED DECISION MAKING	Non-RAMP	Non-RAMP	Non-RAMP	No			2,123	—	—	—	2,123	6,115	6,299	6,488	6,682	6,115
Capital	**INFORMATION TECHNOLOGY**	**SubTotal FINANCIAL RISK MANAGEMENT - RISK BASED DECISION MAKING**				**Yes**			**2,123**	**—**	**—**	**—**	**2,123**	**6,115**	**6,299**	**6,488**	**6,682**	**6,115**
Capital	INFORMATION TECHNOLOGY	FOUNDATIONS ANALYTICS SERVICE	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	8,087	—	—	—	8,087	2,785	2,869	2,955	3,043	2,785
Capital	**INFORMATION TECHNOLOGY**	**SubTotal FOUNDATIONS ANALYTICS SERVICE**				**Yes**			**8,087**	**—**	**—**	**—**	**8,087**	**2,785**	**2,869**	**2,955**	**3,043**	**2,785**
Capital	INFORMATION TECHNOLOGY	HR AND CORPORATE CENTER DATA AND APPLICATION MODERNIZATION	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	4,225	—	—	—	4,225	4,239	4,366	4,497	4,632	4,239
Capital	**INFORMATION TECHNOLOGY**	**SubTotal HR AND CORPORATE CENTER DATA AND APPLICATION MODERNIZATION**				**Yes**			**4,225**	**—**	**—**	**—**	**4,225**	**4,239**	**4,366**	**4,497**	**4,632**	**4,239**
Capital	INFORMATION TECHNOLOGY	HR EMPLOYEE LIFECYCLE	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	—	—	—	—	—	938	966	995	1,025	938
Capital	**INFORMATION TECHNOLOGY**	**SubTotal HR EMPLOYEE LIFECYCLE**				**Yes**			**—**	**—**	**—**	**—**	**—**	**938**	**966**	**995**	**1,025**	**938**
Capital	INFORMATION TECHNOLOGY	HR WORKFORCE PLANNING TOOL	Non-RAMP	Non-RAMP	Non-RAMP	No			—	—	—	—	—	3,781	3,895	4,012	4,132	3,781
Capital	**INFORMATION TECHNOLOGY**	**SubTotal HR WORKFORCE PLANNING TOOL**				**Yes**			**—**	**—**	**—**	**—**	**—**	**3,781**	**3,895**	**4,012**	**4,132**	**3,781**
Capital	INFORMATION TECHNOLOGY	IT - ENTERPRISE - APPLICATION - A	Non-RAMP	Non-RAMP	Non-RAMP	No			33,929	—	—	—	33,929	—	—	—	—	—
Capital	**INFORMATION TECHNOLOGY**	**SubTotal IT - ENTERPRISE - APPLICATION - A**				**Yes**			**33,929**	**—**	**—**	**—**	**33,929**	**—**	**—**	**—**	**—**	**—**
Capital	INFORMATION TECHNOLOGY	SAP RISE SAAS SUBSCRIPTIONS	Non-RAMP	Non-RAMP	Non-RAMP	No		1	Emergent	24,365	—	—	—	24,365	—	—	—	—	—
Capital	**INFORMATION TECHNOLOGY**	**SubTotal SAP RISE SAAS SUBSCRIPTIONS**				**Yes**			**24,365**	**—**	**—**	**—**	**24,365**	**—**	**—**	**—**	**—**	**—**
Capital	INFORMATION TECHNOLOGY	EMPLOYEE CARE SERVICES WORKERS COMP REFRESH	Non-RAMP	Non-RAMP	Non-RAMP	No			418	—	—	—	418	—	—	—	—	—
Capital	**INFORMATION TECHNOLOGY**	**SubTotal EMPLOYEE CARE SERVICES WORKERS COMP REFRESH**				**Yes**			**418**	**—**	**—**	**—**	**418**	**—**	**—**	**—**	**—**	**—**
Capital	INFORMATION TECHNOLOGY	VISTA CIS	Non-RAMP	Non-RAMP	Non-RAMP	No			61,098	—	—	—	61,098	—	—	—	—	—
Capital	**INFORMATION TECHNOLOGY**	**SubTotal VISTA CIS**				**Yes**			**61,098**	**—**	**—**	**—**	**61,098**	**—**	**—**	**—**	**—**	**—**
Capital	INFORMATION TECHNOLOGY	POWERPLAN UPGRADE OPTIMIZATION	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	6,079	—	—	—	6,079	—	—	—	—	—

SoCalGas INFORMATION TECHNOLOGY Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date ($)
Capital	**INFORMATION TECHNOLOGY**	**SubTotal POWERPLAN UPGRADE OPTIMIZATION**				**Yes**			**6,079**	—	—	—	**6,079**	—	—	—	—	—
Capital	INFORMATION TECHNOLOGY	MAJOR MARKET TO CLOUD (M2C) - BILLING VIEWER	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	—	—	—	—	—	51	53	55	57	51
Capital	**INFORMATION TECHNOLOGY**	**SubTotal MAJOR MARKET TO CLOUD (M2C) - BILLING VIEWER**				**Yes**			—	—	—	—	—	**51**	**53**	**55**	**57**	**51**
Capital	INFORMATION TECHNOLOGY	PROJECT AND PORTFOLIO MGMT SYSTEM - CONSTRUCTION - ES2P (ENTERPRISE SOURCE TO PAY) IMPLEMENTATION	Non-RAMP	Non-RAMP	Non-RAMP	No			—	—	—	—	—	995	1,025	1,056	1,087	995
Capital	**INFORMATION TECHNOLOGY**	**SubTotal PROJECT AND PORTFOLIO MGMT SYSTEM - CONSTRUCTION - ES2P (ENTERPRISE SOURCE TO PAY) IMPLEMENTATION**				**Yes**			—	—	—	—	—	**995**	**1,025**	**1,056**	**1,087**	**995**
Capital	INFORMATION TECHNOLOGY	RAMP - ADVANCED METER HEADEND AND METER DATA MANAGEMENT SYSTEM NEXT-GENERATION (ACLARAONE)	Foundational Technology Systems	Gas Operations Systems Resiliency	Overall	No	On-going	Annual	13,889	—	—	—	13,889	12,205	12,571	12,948	13,336	12,205
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - ADVANCED METER HEADEND AND METER DATA MANAGEMENT SYSTEM NEXT-GENERATION (ACLARAONE)**				**Yes**			**13,889**	—	—	—	**13,889**	**12,205**	**12,571**	**12,948**	**13,336**	**12,205**
Capital	INFORMATION TECHNOLOGY	RAMP - APPLICATION MONITORING REFRESH	Foundational Technology Systems	Monitoring Systems and Services	Overall	No	On-going	Annual	1,900	—	—	—	1,900	5,420	5,583	5,750	5,922	5,420
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - APPLICATION MONITORING REFRESH**				**Yes**			**1,900**	—	—	—	**1,900**	**5,420**	**5,583**	**5,750**	**5,922**	**5,420**
Capital	INFORMATION TECHNOLOGY	RAMP - ASSET INVESTMENT PLANNING AND MANAGEMENT - PHASE 3 FACILITIES	Asset and Records Management	Asset Investment Planning (AIP) Tool	Overall	No	On-going	Annual	11,533	—	—	—	11,533	3,648	3,758	3,870	3,986	3,648
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - ASSET INVESTMENT PLANNING AND MANAGEMENT - PHASE 3 FACILITIES**				**Yes**			**11,533**	—	—	—	**11,533**	**3,648**	**3,758**	**3,870**	**3,986**	**3,648**
Capital	INFORMATION TECHNOLOGY	RAMP - CLOUD FOUNDATION	Foundational Technology Systems	IT Service Continuity	Overall	No	On-going	Annual	5,764	—	—	—	5,764	6,571	6,769	6,972	7,182	6,571
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - CLOUD FOUNDATION**				**Yes**			**5,764**	—	—	—	**5,764**	**6,571**	**6,769**	**6,972**	**7,182**	**6,571**
Capital	INFORMATION TECHNOLOGY	RAMP - COMPUTE INFRASTRUCTURE REFRESH 2024	Foundational Technology Systems	Datacenter Modernization	Overall	No	On-going	Annual	16,233	—	—	—	16,233	9,911	10,208	10,513	10,829	9,911
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - COMPUTE INFRASTRUCTURE REFRESH 2024**				**Yes**			**16,233**	—	—	—	**16,233**	**9,911**	**10,208**	**10,513**	**10,829**	**9,911**
Capital	INFORMATION TECHNOLOGY	RAMP - CUSTOMER CONTACT CENTER (CCC) TECHNOLOGY MODERNIZATION	Foundational Technology Systems	Network & Voice System Resiliency	Overall	No	On-going	Annual	10,568	—	—	—	10,568	2,530	2,606	2,684	2,764	2,530
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - CUSTOMER CONTACT CENTER (CCC) TECHNOLOGY MODERNIZATION**				**Yes**			**10,568**	—	—	—	**10,568**	**2,530**	**2,606**	**2,684**	**2,764**	**2,530**
Capital	INFORMATION TECHNOLOGY	RAMP - DECISION ANALYTICS AND AUTOMATION	Foundational Technology Systems	Gas Operations Systems Resiliency	Overall	No	On-going	Annual	3,113	—	—	—	3,113	2,181	2,247	2,315	2,384	2,181
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - DECISION ANALYTICS AND AUTOMATION**				**Yes**			**3,113**	—	—	—	**3,113**	**2,181**	**2,247**	**2,315**	**2,384**	**2,181**
Capital	INFORMATION TECHNOLOGY	RAMP - DIGITAL INTEGRATION	Foundational Technology Systems	Gas Operations Systems Resiliency	Overall	No	On-going	Annual	4,728	—	—	—	4,728	1,355	1,396	1,438	1,481	1,355
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - DIGITAL INTEGRATION**				**Yes**			**4,728**	—	—	—	**4,728**	**1,355**	**1,396**	**1,438**	**1,481**	**1,355**
Capital	INFORMATION TECHNOLOGY	RAMP - ELECTRONIC LEAK SURVEY - PIPELINE PATROL	Foundational Technology Systems	Gas Operations Systems Resiliency	Overall	No	On-going	Annual	277	—	—	—	277	1,477	1,522	1,569	1,617	1,477
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - ELECTRONIC LEAK SURVEY - PIPELINE PATROL**				**Yes**			**277**	—	—	—	**277**	**1,477**	**1,522**	**1,569**	**1,617**	**1,477**
Capital	INFORMATION TECHNOLOGY	RAMP - ELECTRONIC LEAK SURVEY - SPECIAL LEAK SURVEY AND ABNORMAL OPERATING CONDITIONS (AOC)	Foundational Technology Systems	Gas Operations Systems Resiliency	Overall	No	On-going	Annual	564	—	—	—	564	510	525	540	556	510
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - ELECTRONIC LEAK SURVEY - SPECIAL LEAK SURVEY AND ABNORMAL OPERATING CONDITIONS (AOC)**				**Yes**			**564**	—	—	—	**564**	**510**	**525**	**540**	**556**	**510**
Capital	INFORMATION TECHNOLOGY	RAMP - ELECTRONIC LEAK SURVEY - TRANSMISSION SURVEY AND PATROL	Foundational Technology Systems	Gas Operations Systems Resiliency	Overall	No	On-going	Annual	—	—	—	—	—	493	508	523	538	493
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - ELECTRONIC LEAK SURVEY - TRANSMISSION SURVEY AND PATROL**				**Yes**			—	—	—	—	—	**493**	**508**	**523**	**538**	**493**
Capital	INFORMATION TECHNOLOGY	RAMP - EMERGENCY RESPONSE COMMAND CENTER ENHANCEMENT	Foundational Technology Systems	Network & Voice System Resiliency	Overall	No	On-going	Annual	—	—	—	—	—	1	1	1	1	1
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - EMERGENCY RESPONSE COMMAND CENTER ENHANCEMENT**				**Yes**			—	—	—	—	—	**1**	**1**	**1**	**1**	**1**
Capital	INFORMATION TECHNOLOGY	RAMP - ENERGY TRANSITION DIGITAL TWIN	Foundational Technology Systems	Gas Operations Systems Resiliency	Overall	No	On-going	Annual	2,981	—	—	—	2,981	1,429	1,472	1,516	1,561	1,429
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - ENERGY TRANSITION DIGITAL TWIN**				**Yes**			**2,981**	—	—	—	**2,981**	**1,429**	**1,472**	**1,516**	**1,561**	**1,429**
Capital	INFORMATION TECHNOLOGY	RAMP - ENVIRONMENTAL HEALTH AND SAFETY MANAGEMENT MODERNIZATION PHASE 2	Foundational Technology Systems	Gas Operations Systems Resiliency	Overall	No	On-going	Annual	7,935	—	—	—	7,935	8,478	8,733	8,995	9,265	8,478
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - ENVIRONMENTAL HEALTH AND SAFETY MANAGEMENT MODERNIZATION PHASE 2**				**Yes**			**7,935**	—	—	—	**7,935**	**8,478**	**8,733**	**8,995**	**9,265**	**8,478**

SoCalGas INFORMATION TECHNOLOGY Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date ($)
Capital	INFORMATION TECHNOLOGY	RAMP - GAS MATERIALS QA/QC, FIELD MANAGEMENT AND TRACEABILITY	Foundational Technology Systems	Gas Operations Systems Resiliency	Overall	No	On-going	Annual	1,894	—	—	—	1,894	3,071	3,163	3,258	3,356	3,071
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - GAS MATERIALS QA/QC, FIELD MANAGEMENT AND TRACEABILITY**				**Yes**			**1,894**	**—**	**—**	**—**	**1,894**	**3,071**	**3,163**	**3,258**	**3,356**	**3,071**
Capital	INFORMATION TECHNOLOGY	RAMP - GIS PORTAL AND MOBILITY ENHANCEMENTS	Foundational Technology Systems	Gas Operations Systems Resiliency	Overall	No	On-going	Annual	1,633	—	—	—	1,633	2,537	2,613	2,691	2,772	2,537
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - GIS PORTAL AND MOBILITY ENHANCEMENTS**				**Yes**			**1,633**	**—**	**—**	**—**	**1,633**	**2,537**	**2,613**	**2,691**	**2,772**	**2,537**
Capital	INFORMATION TECHNOLOGY	RAMP - IDENTITY AND ACCESS MANAGEMENT (IAM) CLOUD	Foundational Technology Systems	Cloud Resiliency Services	Overall	No	On-going	Annual	319	—	—	—	319	3,884	4,000	4,119	4,243	3,884
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - IDENTITY AND ACCESS MANAGEMENT (IAM) CLOUD**				**Yes**			**319**	**—**	**—**	**—**	**319**	**3,884**	**4,000**	**4,119**	**4,243**	**3,884**
Capital	INFORMATION TECHNOLOGY	RAMP - INFRASTRUCTURE MONITORING IMPLEMENTATION	Foundational Technology Systems	Monitoring Systems and Services	Overall	No	On-going	Annual	14,941	—	—	—	14,941	242	249	256	264	242
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - INFRASTRUCTURE MONITORING IMPLEMENTATION**				**Yes**			**14,941**	**—**	**—**	**—**	**14,941**	**242**	**249**	**256**	**264**	**242**
Capital	INFORMATION TECHNOLOGY	RAMP - LOCAL AREA NETWORK UPGRADE	Foundational Technology Systems	Network & Voice System Resiliency	Overall	No	On-going	Annual	5,108	—	—	—	5,108	7,249	7,467	7,691	7,922	7,249
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - LOCAL AREA NETWORK UPGRADE**				**Yes**			**5,108**	**—**	**—**	**—**	**5,108**	**7,249**	**7,467**	**7,691**	**7,922**	**7,249**
Capital	INFORMATION TECHNOLOGY	RAMP - NETWORK ATTACHED STORAGE CYBER VAULT CAPACITY EXPANSION 2024	Foundational Technology Systems	Datacenter Modernization	Overall	No	On-going	Annual	3,752	—	—	—	3,752	349	360	371	382	349
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - NETWORK ATTACHED STORAGE CYBER VAULT CAPACITY EXPANSION 2024**				**Yes**			**3,752**	**—**	**—**	**—**	**3,752**	**349**	**360**	**371**	**382**	**349**
Capital	INFORMATION TECHNOLOGY	RAMP - NEW BUSINESS MANAGEMENT SYSTEM (NBMS) REPLACEMENT	Foundational Technology Systems	Gas Operations Systems Resiliency	Overall	No	On-going	Annual	—	—	—	—	—	1,828	1,883	1,939	1,997	1,828
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - NEW BUSINESS MANAGEMENT SYSTEM (NBMS) REPLACEMENT**				**Yes**			**—**	**—**	**—**	**—**	**—**	**1,828**	**1,883**	**1,939**	**1,997**	**1,828**
Capital	INFORMATION TECHNOLOGY	RAMP - NOGGIN 2.0 CORE IMPLEMENTATION	Foundational Technology Systems	Emergency Operations Center (EOC) Technology Resiliency	Overall	No	On-going	Annual	—	—	—	—	—	1,258	1,296	1,335	1,375	1,258
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - NOGGIN 2.0 CORE IMPLEMENTATION**				**Yes**			**—**	**—**	**—**	**—**	**—**	**1,258**	**1,296**	**1,335**	**1,375**	**1,258**

SoCalGas INFORMATION TECHNOLOGY Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date ($)
Capital	INFORMATION TECHNOLOGY	RAMP - PACER WORKFORCE MANAGEMENT REPLACEMENT PROJECT	Foundational Technology Systems	Gas Operations Systems Resiliency	Overall	No	On-going	Annual	26,653	—	—	—	26,653	13,725	14,137	14,561	14,998	13,725
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - PACER WORKFORCE MANAGEMENT REPLACEMENT PROJECT**				**Yes**			**26,653**	**—**	**—**	**—**	**26,653**	**13,725**	**14,137**	**14,561**	**14,998**	**13,725**
Capital	INFORMATION TECHNOLOGY	RAMP - PROJECT AND PORTFOLIO MANAGEMENT SYSTEM - CONSTRUCTION - PHASE 1	Foundational Technology Systems	Gas Operations Systems Resiliency	Overall	No	On-going	Annual	4,571	—	—	—	4,571	4,100	4,223	4,350	4,481	4,100
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - PROJECT AND PORTFOLIO MANAGEMENT SYSTEM - CONSTRUCTION - PHASE 1**				**Yes**			**4,571**	**—**	**—**	**—**	**4,571**	**4,100**	**4,223**	**4,350**	**4,481**	**4,100**
Capital	INFORMATION TECHNOLOGY	RAMP - PROJECT AND PORTFOLIO MANAGEMENT SYSTEM - STORAGE	Foundational Technology Systems	Gas Operations Systems Resiliency	Overall	No	On-going	Annual	—	—	—	—	—	2,008	2,068	2,130	2,194	2,008
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - PROJECT AND PORTFOLIO MANAGEMENT SYSTEM - STORAGE**				**Yes**			**—**	**—**	**—**	**—**	**—**	**2,008**	**2,068**	**2,130**	**2,194**	**2,008**
Capital	INFORMATION TECHNOLOGY	RAMP - PROJECT AND PORTFOLIO MANAGEMENT SYSTEM - TRANSMISSION	Foundational Technology Systems	Gas Operations Systems Resiliency	Overall	No	On-going	Annual	—	—	—	—	—	2,244	2,311	2,380	2,451	2,244
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - PROJECT AND PORTFOLIO MANAGEMENT SYSTEM - TRANSMISSION**				**Yes**			**—**	**—**	**—**	**—**	**—**	**2,244**	**2,311**	**2,380**	**2,451**	**2,244**
Capital	INFORMATION TECHNOLOGY	RAMP - RECORDS AND DOCUMENT MANAGEMENT SYSTEM (RDMS) PHASE V 2022 - 2026	Asset and Records Management	Information Management Systems	Overall	No	On-going	Annual	2,375	—	—	—	2,375	7,648	7,878	8,114	8,357	7,648
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - RECORDS AND DOCUMENT MANAGEMENT SYSTEM (RDMS) PHASE V 2022 - 2026**				**Yes**			**2,375**	**—**	**—**	**—**	**2,375**	**7,648**	**7,878**	**8,114**	**8,357**	**7,648**
Capital	INFORMATION TECHNOLOGY	RAMP - RECORDS AND DOCUMENT MANAGEMENT SYSTEM (RDMS): OPENTEXT UPGRADE AND ENHANCEMENTS	Asset and Records Management	Information Management Systems	Overall	No	On-going	Annual	—	—	—	—	—	897	924	952	981	897
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - RECORDS AND DOCUMENT MANAGEMENT SYSTEM (RDMS): OPENTEXT UPGRADE AND ENHANCEMENTS**				**Yes**			**—**	**—**	**—**	**—**	**—**	**897**	**924**	**952**	**981**	**897**
Capital	INFORMATION TECHNOLOGY	RAMP - RECOVERY VAULT EXPANSION 2024	Foundational Technology Systems	Datacenter Modernization	Overall	No	On-going	Annual	—	—	—	—	—	1,313	1,351	1,390	1,430	1,313
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - RECOVERY VAULT EXPANSION 2024**				**Yes**			**—**	**—**	**—**	**—**	**—**	**1,313**	**1,351**	**1,390**	**1,430**	**1,313**

SoCalGas INFORMATION TECHNOLOGY Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date ($)
Capital	INFORMATION TECHNOLOGY	RAMP - SUPERVISORY CONTROL AND DATA ACQUISITION NETWORK REFRESH PROJECT	Foundational Technology Systems	Network & Voice System Resiliency	Overall	No	On-going	Annual	22	—	—	—	22	493	508	523	539	493
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - SUPERVISORY CONTROL AND DATA ACQUISITION NETWORK REFRESH PROJECT**				**Yes**			**22**	**—**	**—**	**—**	**22**	**493**	**508**	**523**	**539**	**493**
Capital	INFORMATION TECHNOLOGY	RAMP - WIDE AREA NETWORK (WAN) AND PRIVATE NETWORK REFRESH	Foundational Technology Systems	Network & Voice System Resiliency	Overall	No	On-going	Annual	—	—	—	—	—	2,466	2,540	2,616	2,695	2,466
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - WIDE AREA NETWORK (WAN) AND PRIVATE NETWORK REFRESH**				**Yes**			**—**	**—**	**—**	**—**	**—**	**2,466**	**2,540**	**2,616**	**2,695**	**2,466**
Capital	INFORMATION TECHNOLOGY	RAMP - WORK MANAGEMENT PROGRAM NEXT GENERATION FIELD SERVICE DELIVERY (FSD)	Foundational Technology Systems	Gas Operations Systems Resiliency	Overall	No	On-going	Annual	8,720	—	—	—	8,720	9,145	9,419	9,701	9,992	9,145
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - WORK MANAGEMENT PROGRAM NEXT GENERATION FIELD SERVICE DELIVERY (FSD)**				**Yes**			**8,720**	**—**	**—**	**—**	**8,720**	**9,145**	**9,419**	**9,701**	**9,992**	**9,145**
Capital	INFORMATION TECHNOLOGY	ROUTINE SMALL CAP 2022-2024	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	100	—	—	—	100	299	308	317	327	299
Capital	**INFORMATION TECHNOLOGY**	**SubTotal ROUTINE SMALL CAP 2022-2024**				**Yes**			**100**	**—**	**—**	**—**	**100**	**299**	**308**	**317**	**327**	**299**
Capital	INFORMATION TECHNOLOGY	SAP S4/HANA - BUSINESS OPTIMIZATION	Non-RAMP	Non-RAMP	Non-RAMP	No			904	—	—	—	904	5,525	5,691	5,862	6,038	5,525
Capital	**INFORMATION TECHNOLOGY**	**SubTotal SAP S4/HANA - BUSINESS OPTIMIZATION**				**Yes**			**904**	**—**	**—**	**—**	**904**	**5,525**	**5,691**	**5,862**	**6,038**	**5,525**
Capital	INFORMATION TECHNOLOGY	SAP TRANSFORMATION	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	4,152	—	—	—	4,152	19,990	20,590	21,208	21,844	19,990
Capital	**INFORMATION TECHNOLOGY**	**SubTotal SAP TRANSFORMATION**				**Yes**			**4,152**	**—**	**—**	**—**	**4,152**	**19,990**	**20,590**	**21,208**	**21,844**	**19,990**
Capital	INFORMATION TECHNOLOGY	SERVICENOW SERVICE MAPPING	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	18,978	—	—	—	18,978	2,404	2,476	2,551	2,628	2,404
Capital	**INFORMATION TECHNOLOGY**	**SubTotal SERVICENOW SERVICE MAPPING**				**Yes**			**18,978**	**—**	**—**	**—**	**18,978**	**2,404**	**2,476**	**2,551**	**2,628**	**2,404**
Capital	INFORMATION TECHNOLOGY	SUPPLIER RISK MANAGEMENT (SRM)	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	75	—	—	—	75	87	90	93	96	87
Capital	**INFORMATION TECHNOLOGY**	**SubTotal SUPPLIER RISK MANAGEMENT (SRM)**				**Yes**			**75**	**—**	**—**	**—**	**75**	**87**	**90**	**93**	**96**	**87**
Capital	INFORMATION TECHNOLOGY	RAMP - AVEVA AND AUTOCAD ENHANCEMENTS - PHASE 2	Foundational Technology Systems	Gas Operations Systems Resiliency	N/A	No	On-going	Annual	10,976	—	—	—	10,976	—	—	—	—	—
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - AVEVA AND AUTOCAD ENHANCEMENTS - PHASE 2**				**Yes**			**10,976**	**—**	**—**	**—**	**10,976**	**—**	**—**	**—**	**—**	**—**
Capital	INFORMATION TECHNOLOGY	RAMP - COMPUTE CAPACITY EXPANSION 2023	Foundational Technology Systems	Datacenter Modernization	N/A	No	On-going	Annual	23,406	—	—	—	23,406	—	—	—	—	—
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - COMPUTE CAPACITY EXPANSION 2023**				**Yes**			**23,406**	**—**	**—**	**—**	**23,406**	**—**	**—**	**—**	**—**	**—**
Capital	INFORMATION TECHNOLOGY	RAMP - DIGITAL WORKSPACE	Foundational Technology Systems	End User Access and Supporting Services	N/A	No	On-going	Annual	4,754	—	—	—	4,754	—	—	—	—	—
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - DIGITAL WORKSPACE**				**Yes**			**4,754**	**—**	**—**	**—**	**4,754**	**—**	**—**	**—**	**—**	**—**
Capital	**INFORMATION TECHNOLOGY**	**SubTotal**				**Yes**			**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**

SoCalGas INFORMATION TECHNOLOGY Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date ($)
Capital	INFORMATION TECHNOLOGY	RAMP - WORK MANAGEMENT AND SAFETY AND REGULATORY 2022-2023	Foundational Technology Systems	Gas Operations Systems Resiliency	N/A	No	On-going	Annual	3,803	—	—	—	3,803	—	—	—	—	—
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - WORK MANAGEMENT AND SAFETY AND REGULATORY 2022-2023**				**Yes**			**3,803**	—	—	—	**3,803**	—	—	—	—	—

SoCalGas INFORMATION TECHNOLOGY Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference ($)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
Capital	**INFORMATION TECHNOLOGY**	**INFORMATION TECHNOLOGY**				**Yes**	**191,233**	**(184,112)**	**(209,958)**	**(26,587)**	**179,233**	**100%**	**-100%**	**-100%**	**-100%**	**100%**
Capital	INFORMATION TECHNOLOGY	ADVANCED METER DATA COLLECTOR UNIT HARDWARE REFRESH	Non-RAMP	Non-RAMP	Non-RAMP	No	(27)	(4,524)	(4,659)	(4,799)	(27)	-1%	-100%	-100%	-100%	-1%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal ADVANCED METER DATA COLLECTOR UNIT HARDWARE REFRESH**				**Yes**	**(27)**	**(4,524)**	**(4,659)**	**(4,799)**	**(27)**	**-1%**	**-100%**	**-100%**	**-100%**	**-1%**
Capital	INFORMATION TECHNOLOGY	APP MODERNIZATION AND VULNERABILITY REDUCTION PHASE II	Non-RAMP	Non-RAMP	Non-RAMP	No	(1,556)	(5,581)	(5,750)	(5,922)	(1,556)	-29%	-100%	-100%	-100%	-29%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal APP MODERNIZATION AND VULNERABILITY REDUCTION PHASE II**				**Yes**	**(1,556)**	**(5,581)**	**(5,750)**	**(5,922)**	**(1,556)**	**-29%**	**-100%**	**-100%**	**-100%**	**-29%**
Capital	INFORMATION TECHNOLOGY	BUSINESS ADAPTATION TECH AND DIGITALIZATION	Non-RAMP	Non-RAMP	Non-RAMP	No	(1,306)	(1,582)	(1,629)	(1,678)	(1,306)	-85%	-100%	-100%	-100%	-85%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal BUSINESS ADAPTATION TECH AND DIGITALIZATION**				**Yes**	**(1,306)**	**(1,582)**	**(1,629)**	**(1,678)**	**(1,306)**	**-85%**	**-100%**	**-100%**	**-100%**	**-85%**
Capital	INFORMATION TECHNOLOGY	CENTRALIZED CUSTOMER DATA MANAGEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	(10)	(1,510)	(1,555)	(1,602)	(10)	-1%	-100%	-100%	-100%	-1%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal CENTRALIZED CUSTOMER DATA MANAGEMENT**				**Yes**	**(10)**	**(1,510)**	**(1,555)**	**(1,602)**	**(10)**	**-1%**	**-100%**	**-100%**	**-100%**	**-1%**
Capital	INFORMATION TECHNOLOGY	CQMX REPLACEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	(94)	(97)	(100)	(103)	(94)	-100%	-100%	-100%	-100%	-100%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal CQMX REPLACEMENT**				**Yes**	**(94)**	**(97)**	**(100)**	**(103)**	**(94)**	**-100%**	**-100%**	**-100%**	**-100%**	**-100%**
Capital	INFORMATION TECHNOLOGY	CUSTOMER SERVICES - A	Non-RAMP	Non-RAMP	Non-RAMP	No	868	—	—	—	868	100%	—%	—%	—%	100%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal CUSTOMER SERVICES - A**				**Yes**	**868**	**—**	**—**	**—**	**868**	**100%**	**—%**	**—%**	**—%**	**100%**
Capital	INFORMATION TECHNOLOGY	CUSTOMER SERVICES - B	Non-RAMP	Non-RAMP	Non-RAMP	No	9,995	—	—	—	9,995	100%	—%	—%	—%	100%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal CUSTOMER SERVICES - B**				**Yes**	**9,995**	**—**	**—**	**—**	**9,995**	**100%**	**—%**	**—%**	**—%**	**100%**
Capital	INFORMATION TECHNOLOGY	DIGITAL PROCESS AUTOMATION	Non-RAMP	Non-RAMP	Non-RAMP	No	(4,196)	(4,897)	(5,044)	(5,196)	(4,196)	-88%	-100%	-100%	-100%	-88%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal DIGITAL PROCESS AUTOMATION**				**Yes**	**(4,196)**	**(4,897)**	**(5,044)**	**(5,196)**	**(4,196)**	**-88%**	**-100%**	**-100%**	**-100%**	**-88%**
Capital	INFORMATION TECHNOLOGY	ELECTRONIC DATA INTERFACE EXCHANGE - WEB METHODS MODERNIZATION	Non-RAMP	Non-RAMP	Non-RAMP	No	(718)	(2,034)	(2,097)	(2,160)	(718)	-36%	-100%	-100%	-100%	-36%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal ELECTRONIC DATA INTERFACE EXCHANGE - WEB METHODS MODERNIZATION**				**Yes**	**(718)**	**(2,034)**	**(2,097)**	**(2,160)**	**(718)**	**-36%**	**-100%**	**-100%**	**-100%**	**-36%**
Capital	INFORMATION TECHNOLOGY	ENTERPRISE SOURCE TO PAY (ES2P) ANALYTICS SOLUTION	Non-RAMP	Non-RAMP	Non-RAMP	No	(33)	(34)	(35)	(36)	(33)	-100%	-100%	-100%	-100%	-100%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal ENTERPRISE SOURCE TO PAY (ES2P) ANALYTICS SOLUTION**				**Yes**	**(33)**	**(34)**	**(35)**	**(36)**	**(33)**	**-100%**	**-100%**	**-100%**	**-100%**	**-100%**
Capital	INFORMATION TECHNOLOGY	ENTERPRISE SOURCE TO PAY (ES2P) VALUE STREAM	Non-RAMP	Non-RAMP	Non-RAMP	No	(1,828)	(1,921)	(1,989)	(2,049)	(1,828)	-97%	-100%	-100%	-100%	-97%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal ENTERPRISE SOURCE TO PAY (ES2P) VALUE STREAM**				**Yes**	**(1,828)**	**(1,921)**	**(1,989)**	**(2,049)**	**(1,828)**	**-97%**	**-100%**	**-100%**	**-100%**	**-97%**
Capital	INFORMATION TECHNOLOGY	FINANCIAL RISK MANAGEMENT - RISK BASED DECISION MAKING	Non-RAMP	Non-RAMP	Non-RAMP	No	(3,992)	(6,299)	(6,488)	(6,682)	(3,992)	-65%	-100%	-100%	-100%	-65%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal FINANCIAL RISK MANAGEMENT - RISK BASED DECISION MAKING**				**Yes**	**(3,992)**	**(6,299)**	**(6,488)**	**(6,682)**	**(3,992)**	**-65%**	**-100%**	**-100%**	**-100%**	**-65%**
Capital	INFORMATION TECHNOLOGY	FOUNDATIONS ANALYTICS SERVICE	Non-RAMP	Non-RAMP	Non-RAMP	No	5,302	(2,869)	(2,955)	(3,043)	5,302	190%	-100%	-100%	-100%	190%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal FOUNDATIONS ANALYTICS SERVICE**				**Yes**	**5,302**	**(2,869)**	**(2,955)**	**(3,043)**	**5,302**	**190%**	**-100%**	**-100%**	**-100%**	**190%**
Capital	INFORMATION TECHNOLOGY	HR AND CORPORATE CENTER DATA AND APPLICATION MODERNIZATION	Non-RAMP	Non-RAMP	Non-RAMP	No	(14)	(4,364)	(4,497)	(4,632)	(14)	-9%	-100%	-100%	-100%	-9%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal HR AND CORPORATE CENTER DATA AND APPLICATION MODERNIZATION**				**Yes**	**(14)**	**(4,364)**	**(4,497)**	**(4,632)**	**(14)**	**-9%**	**-100%**	**-100%**	**-100%**	**-9%**
Capital	INFORMATION TECHNOLOGY	HR EMPLOYEE LIFECYCLE	Non-RAMP	Non-RAMP	Non-RAMP	No	(938)	(966)	(995)	(1,025)	(938)	-100%	-100%	-100%	-100%	-100%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal HR EMPLOYEE LIFECYCLE**				**Yes**	**(938)**	**(966)**	**(995)**	**(1,025)**	**(938)**	**-100%**	**-100%**	**-100%**	**-100%**	**-100%**
Capital	INFORMATION TECHNOLOGY	HR WORKFORCE PLANNING TOOL	Non-RAMP	Non-RAMP	Non-RAMP	No	(3,781)	(3,895)	(4,012)	(4,132)	(3,781)	-100%	-100%	-100%	-100%	-100%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal HR WORKFORCE PLANNING TOOL**				**Yes**	**(3,781)**	**(3,895)**	**(4,012)**	**(4,132)**	**(3,781)**	**-100%**	**-100%**	**-100%**	**-100%**	**-100%**
Capital	INFORMATION TECHNOLOGY	IT - ENTERPRISE - APPLICATION - A	Non-RAMP	Non-RAMP	Non-RAMP	No	33,929	—	—	—	33,929	100%	—%	—%	—%	100%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal IT - ENTERPRISE - APPLICATION - A**				**Yes**	**33,929**	**—**	**—**	**—**	**33,929**	**100%**	**—%**	**—%**	**—%**	**100%**
Capital	INFORMATION TECHNOLOGY	SAP RISE SAAS SUBSCRIPTIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	24,365	—	—	—	24,365	100%	—%	—%	—%	100%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal SAP RISE SAAS SUBSCRIPTIONS**				**Yes**	**24,365**	**—**	**—**	**—**	**24,365**	**100%**	**—%**	**—%**	**—%**	**100%**
Capital	INFORMATION TECHNOLOGY	EMPLOYEE CARE SERVICES WORKERS COMP REFRESH	Non-RAMP	Non-RAMP	Non-RAMP	No	488	—	—	—	488	100%	—%	—%	—%	100%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal EMPLOYEE CARE SERVICES WORKERS COMP REFRESH**				**Yes**	**488**	**—**	**—**	**—**	**488**	**100%**	**—%**	**—%**	**—%**	**100%**
Capital	INFORMATION TECHNOLOGY	VISTA CIS	Non-RAMP	Non-RAMP	Non-RAMP	No	61,098	—	—	—	61,098	100%	—%	—%	—%	100%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal VISTA CIS**				**Yes**	**61,098**	**—**	**—**	**—**	**61,098**	**100%**	**—%**	**—%**	**—%**	**100%**
Capital	INFORMATION TECHNOLOGY	POWERPLAN UPGRADE OPTIMIZATION	Non-RAMP	Non-RAMP	Non-RAMP	No	6,079	—	—	—	6,079	100%	—%	—%	—%	100%

SoCalGas INFORMATION TECHNOLOGY Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference ($)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
Capital	**INFORMATION TECHNOLOGY**	**SubTotal POWERPLAN UPGRADE OPTIMIZATION**				**Yes**	**6,079**	**—**	**—**	**—**	**6,079**	**100%**	**—%**	**—%**	**—%**	**100%**
Capital	INFORMATION TECHNOLOGY	MAJOR MARKET TO CLOUD (M2C) - BILLING VIEWER	Non-RAMP	Non-RAMP	Non-RAMP	No	(51)	(53)	(55)	(57)	(51)	-100%	-100%	-100%	-100%	-100%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal MAJOR MARKET TO CLOUD (M2C) - BILLING VIEWER**				**Yes**	**(51)**	**(53)**	**(55)**	**(57)**	**(51)**	**-100%**	**-100%**	**-100%**	**-100%**	**-100%**
Capital	INFORMATION TECHNOLOGY	PROJECT AND PORTFOLIO MGMT SYSTEM - CONSTRUCTION - ES2P (ENTERPRISE SOURCE TO PAY) IMPLEMENTATION	Non-RAMP	Non-RAMP	Non-RAMP	No	(995)	(1,025)	(1,056)	(1,087)	(995)	-100%	-100%	-100%	-100%	-100%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal PROJECT AND PORTFOLIO MGMT SYSTEM - CONSTRUCTION - ES2P (ENTERPRISE SOURCE TO PAY) IMPLEMENTATION**				**Yes**	**(995)**	**(1,025)**	**(1,056)**	**(1,087)**	**(995)**	**-100%**	**-100%**	**-100%**	**-100%**	**-100%**
Capital	INFORMATION TECHNOLOGY	RAMP - ADVANCED METER HEADEND AND METER DATA MANAGEMENT SYSTEM NEXT-GENERATION (ACLARAONE)	Foundational Technology Systems	Gas Operations Systems Resiliency	Overall	No	1,684	(12,571)	(12,948)	(13,336)	1,684	14%	-100%	-100%	-100%	14%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - ADVANCED METER HEADEND AND METER DATA MANAGEMENT SYSTEM NEXT-GENERATION (ACLARAONE)**				**Yes**	**1,684**	**(12,571)**	**(12,948)**	**(13,336)**	**1,684**	**14%**	**-100%**	**-100%**	**-100%**	**14%**
Capital	INFORMATION TECHNOLOGY	RAMP - APPLICATION MONITORING REFRESH	Foundational Technology Systems	Monitoring Systems and Services	Overall	No	(3,520)	(5,583)	(5,750)	(5,922)	(3,520)	-65%	-100%	-100%	-100%	-65%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - APPLICATION MONITORING REFRESH**				**Yes**	**(3,520)**	**(5,583)**	**(5,750)**	**(5,922)**	**(3,520)**	**-65%**	**-100%**	**-100%**	**-100%**	**-65%**
Capital	INFORMATION TECHNOLOGY	RAMP - ASSET INVESTMENT PLANNING AND MANAGEMENT - PHASE 3 FACILITIES	Asset and Records Management	Asset Investment Planning (AIP) Tool	Overall	No	7,885	(3,758)	(3,870)	(3,986)	7,885	216%	-100%	-100%	-100%	216%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - ASSET INVESTMENT PLANNING AND MANAGEMENT - PHASE 3 FACILITIES**				**Yes**	**7,885**	**(3,758)**	**(3,870)**	**(3,986)**	**7,885**	**216%**	**-100%**	**-100%**	**-100%**	**216%**
Capital	INFORMATION TECHNOLOGY	RAMP - CLOUD FOUNDATION	Foundational Technology Systems	IT Service Continuity	Overall	No	(807)	(6,769)	(6,972)	(7,182)	(807)	-12%	-100%	-100%	-100%	-12%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - CLOUD FOUNDATION**				**Yes**	**(807)**	**(6,769)**	**(6,972)**	**(7,182)**	**(807)**	**-12%**	**-100%**	**-100%**	**-100%**	**-12%**
Capital	INFORMATION TECHNOLOGY	RAMP - COMPUTE INFRASTRUCTURE REFRESH 2024	Foundational Technology Systems	Datacenter Modernization	Overall	No	6,322	(10,208)	(10,513)	(10,829)	6,322	64%	-100%	-100%	-100%	64%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - COMPUTE INFRASTRUCTURE REFRESH 2024**				**Yes**	**6,322**	**(10,208)**	**(10,513)**	**(10,829)**	**6,322**	**64%**	**-100%**	**-100%**	**-100%**	**64%**
Capital	INFORMATION TECHNOLOGY	RAMP - CUSTOMER CONTACT CENTER (CCC) TECHNOLOGY MODERNIZATION	Foundational Technology Systems	Network & Voice System Resiliency	Overall	No	8,038	(2,606)	(2,684)	(2,764)	8,038	318%	-100%	-100%	-100%	318%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - CUSTOMER CONTACT CENTER (CCC) TECHNOLOGY MODERNIZATION**				**Yes**	**8,038**	**(2,606)**	**(2,684)**	**(2,764)**	**8,038**	**318%**	**-100%**	**-100%**	**-100%**	**318%**
Capital	INFORMATION TECHNOLOGY	RAMP - DECISION ANALYTICS AND AUTOMATION	Foundational Technology Systems	Gas Operations Systems Resiliency	Overall	No	932	(2,247)	(2,315)	(2,384)	932	43%	-100%	-100%	-100%	43%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - DECISION ANALYTICS AND AUTOMATION**				**Yes**	**932**	**(2,247)**	**(2,315)**	**(2,384)**	**932**	**43%**	**-100%**	**-100%**	**-100%**	**43%**
Capital	INFORMATION TECHNOLOGY	RAMP - DIGITAL INTEGRATION	Foundational Technology Systems	Gas Operations Systems Resiliency	Overall	No	3,373	(1,396)	(1,438)	(1,481)	3,373	249%	-100%	-100%	-100%	249%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - DIGITAL INTEGRATION**				**Yes**	**3,373**	**(1,396)**	**(1,438)**	**(1,481)**	**3,373**	**249%**	**-100%**	**-100%**	**-100%**	**249%**
Capital	INFORMATION TECHNOLOGY	RAMP - ELECTRONIC LEAK SURVEY - PIPELINE PATROL	Foundational Technology Systems	Gas Operations Systems Resiliency	Overall	No	(1,200)	(1,522)	(1,569)	(1,617)	(1,200)	-81%	-100%	-100%	-100%	-81%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - ELECTRONIC LEAK SURVEY - PIPELINE PATROL**				**Yes**	**(1,200)**	**(1,522)**	**(1,569)**	**(1,617)**	**(1,200)**	**-81%**	**-100%**	**-100%**	**-100%**	**-81%**
Capital	INFORMATION TECHNOLOGY	RAMP - ELECTRONIC LEAK SURVEY - SPECIAL LEAK SURVEY AND ABNORMAL OPERATING CONDITIONS (AOC)	Foundational Technology Systems	Gas Operations Systems Resiliency	Overall	No	54	(525)	(540)	(556)	54	11%	-100%	-100%	-100%	11%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - ELECTRONIC LEAK SURVEY - SPECIAL LEAK SURVEY AND ABNORMAL OPERATING CONDITIONS (AOC)**				**Yes**	**54**	**(525)**	**(540)**	**(556)**	**54**	**11%**	**-100%**	**-100%**	**-100%**	**11%**
Capital	INFORMATION TECHNOLOGY	RAMP - ELECTRONIC LEAK SURVEY - TRANSMISSION SURVEY AND PATROL	Foundational Technology Systems	Gas Operations Systems Resiliency	Overall	No	(493)	(508)	(523)	(538)	(493)	-100%	-100%	-100%	-100%	-100%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - ELECTRONIC LEAK SURVEY - TRANSMISSION SURVEY AND PATROL**				**Yes**	**(493)**	**(508)**	**(523)**	**(538)**	**(493)**	**-100%**	**-100%**	**-100%**	**-100%**	**-100%**
Capital	INFORMATION TECHNOLOGY	RAMP - EMERGENCY RESPONSE COMMAND CENTER ENHANCEMENT	Foundational Technology Systems	Network & Voice System Resiliency	Overall	No	(1)	(1)	(1)	(1)	(1)	-100%	-100%	-100%	-100%	-100%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - EMERGENCY RESPONSE COMMAND CENTER ENHANCEMENT**				**Yes**	**(1)**	**(1)**	**(1)**	**(1)**	**(1)**	**-100%**	**-100%**	**-100%**	**-100%**	**-100%**
Capital	INFORMATION TECHNOLOGY	RAMP - ENERGY TRANSITION DIGITAL TWIN	Foundational Technology Systems	Gas Operations Systems Resiliency	Overall	No	1,552	(1,472)	(1,516)	(1,561)	1,552	109%	-100%	-100%	-100%	109%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - ENERGY TRANSITION DIGITAL TWIN**				**Yes**	**1,552**	**(1,472)**	**(1,516)**	**(1,561)**	**1,552**	**109%**	**-100%**	**-100%**	**-100%**	**109%**
Capital	INFORMATION TECHNOLOGY	RAMP - ENVIRONMENTAL HEALTH AND SAFETY MANAGEMENT MODERNIZATION PHASE 2	Foundational Technology Systems	Gas Operations Systems Resiliency	Overall	No	(543)	(8,733)	(8,995)	(9,265)	(543)	-6%	-100%	-100%	-100%	-6%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - ENVIRONMENTAL HEALTH AND SAFETY MANAGEMENT MODERNIZATION PHASE 2**				**Yes**	**(543)**	**(8,733)**	**(8,995)**	**(9,265)**	**(543)**	**-6%**	**-100%**	**-100%**	**-100%**	**-6%**

SoCalGas INFORMATION TECHNOLOGY Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference ($)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
Capital	INFORMATION TECHNOLOGY	RAMP - GAS MATERIALS QA/QC, FIELD MANAGEMENT AND TRACEABILITY	Foundational Technology Systems	Gas Operations Systems Resiliency	Overall	No	(1,177)	(3,163)	(3,258)	(3,356)	(1,177)	-38%	-100%	-100%	-100%	-38%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - GAS MATERIALS QA/QC, FIELD MANAGEMENT AND TRACEABILITY**				**Yes**	**(1,177)**	**(3,163)**	**(3,258)**	**(3,356)**	**(1,177)**	**-38%**	**-100%**	**-100%**	**-100%**	**-38%**
Capital	INFORMATION TECHNOLOGY	RAMP - GIS PORTAL AND MOBILITY ENHANCEMENTS	Foundational Technology Systems	Gas Operations Systems Resiliency	Overall	No	(904)	(2,613)	(2,691)	(2,772)	(904)	-36%	-100%	-100%	-100%	-36%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - GIS PORTAL AND MOBILITY ENHANCEMENTS**				**Yes**	**(904)**	**(2,613)**	**(2,691)**	**(2,772)**	**(904)**	**-36%**	**-100%**	**-100%**	**-100%**	**-36%**
Capital	INFORMATION TECHNOLOGY	RAMP - IDENTITY AND ACCESS MANAGEMENT (IAM) CLOUD	Foundational Technology Systems	Cloud Resiliency Services	Overall	No	(3,565)	(4,000)	(4,119)	(4,243)	(3,565)	-92%	-100%	-100%	-100%	-92%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - IDENTITY AND ACCESS MANAGEMENT (IAM) CLOUD**				**Yes**	**(3,565)**	**(4,000)**	**(4,119)**	**(4,243)**	**(3,565)**	**-92%**	**-100%**	**-100%**	**-100%**	**-92%**
Capital	INFORMATION TECHNOLOGY	RAMP - INFRASTRUCTURE MONITORING IMPLEMENTATION	Foundational Technology Systems	Monitoring Systems and Services	Overall	No	14,699	(249)	(256)	(264)	14,699	6074%	-100%	-100%	-100%	6074%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - INFRASTRUCTURE MONITORING IMPLEMENTATION**				**Yes**	**14,699**	**(249)**	**(256)**	**(264)**	**14,699**	**6074%**	**-100%**	**-100%**	**-100%**	**6074%**
Capital	INFORMATION TECHNOLOGY	RAMP - LOCAL AREA NETWORK UPGRADE	Foundational Technology Systems	Network & Voice System Resiliency	Overall	No	(2,141)	(7,467)	(7,691)	(7,922)	(2,141)	-30%	-100%	-100%	-100%	-30%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - LOCAL AREA NETWORK UPGRADE**				**Yes**	**(2,141)**	**(7,467)**	**(7,691)**	**(7,922)**	**(2,141)**	**-30%**	**-100%**	**-100%**	**-100%**	**-30%**
Capital	INFORMATION TECHNOLOGY	RAMP - NETWORK ATTACHED STORAGE CYBER VAULT CAPACITY EXPANSION 2024	Foundational Technology Systems	Datacenter Modernization	Overall	No	3,403	(360)	(371)	(382)	3,403	975%	-100%	-100%	-100%	975%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - NETWORK ATTACHED STORAGE CYBER VAULT CAPACITY EXPANSION 2024**				**Yes**	**3,403**	**(360)**	**(371)**	**(382)**	**3,403**	**975%**	**-100%**	**-100%**	**-100%**	**975%**
Capital	INFORMATION TECHNOLOGY	RAMP - NEW BUSINESS MANAGEMENT SYSTEM (NBMS) REPLACEMENT	Foundational Technology Systems	Gas Operations Systems Resiliency	Overall	No	(1,828)	(1,883)	(1,939)	(1,997)	(1,828)	-100%	-100%	-100%	-100%	-100%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - NEW BUSINESS MANAGEMENT SYSTEM (NBMS) REPLACEMENT**				**Yes**	**(1,828)**	**(1,883)**	**(1,939)**	**(1,997)**	**(1,828)**	**-100%**	**-100%**	**-100%**	**-100%**	**-100%**
Capital	INFORMATION TECHNOLOGY	RAMP - NOGGIN 2.0 CORE IMPLEMENTATION	Foundational Technology Systems	Emergency Operations Center (EOC) Technology Resiliency	Overall	No	(1,258)	(1,296)	(1,335)	(1,375)	(1,258)	-100%	-100%	-100%	-100%	-100%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - NOGGIN 2.0 CORE IMPLEMENTATION**				**Yes**	**(1,258)**	**(1,296)**	**(1,335)**	**(1,375)**	**(1,258)**	**-100%**	**-100%**	**-100%**	**-100%**	**-100%**

SoCalGas INFORMATION TECHNOLOGY Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference ($)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
Capital	INFORMATION TECHNOLOGY	RAMP - PACER WORKFORCE MANAGEMENT REPLACEMENT PROJECT	Foundational Technology Systems	Gas Operations Systems Resiliency	Overall	No	12,928	(14,137)	(14,561)	(14,998)	12,928	94%	-100%	-100%	-100%	94%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - PACER WORKFORCE MANAGEMENT REPLACEMENT PROJECT**				**Yes**	**12,928**	**(14,137)**	**(14,561)**	**(14,998)**	**12,928**	94%	-100%	-100%	-100%	94%
Capital	INFORMATION TECHNOLOGY	RAMP - PROJECT AND PORTFOLIO MANAGEMENT SYSTEM - CONSTRUCTION - PHASE 1	Foundational Technology Systems	Gas Operations Systems Resiliency	Overall	No	471	(4,223)	(4,350)	(4,481)	471	11%	-100%	-100%	-100%	11%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - PROJECT AND PORTFOLIO MANAGEMENT SYSTEM - CONSTRUCTION - PHASE 1**				**Yes**	**471**	**(4,223)**	**(4,350)**	**(4,481)**	**471**	**11%**	**-100%**	**-100%**	**-100%**	**11%**
Capital	INFORMATION TECHNOLOGY	RAMP - PROJECT AND PORTFOLIO MANAGEMENT SYSTEM - STORAGE	Foundational Technology Systems	Gas Operations Systems Resiliency	Overall	No	(2,008)	(2,068)	(2,130)	(2,194)	(2,008)	-100%	-100%	-100%	-100%	-100%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - PROJECT AND PORTFOLIO MANAGEMENT SYSTEM - STORAGE**				**Yes**	**(2,008)**	**(2,068)**	**(2,130)**	**(2,194)**	**(2,008)**	**-100%**	**-100%**	**-100%**	**-100%**	**-100%**
Capital	INFORMATION TECHNOLOGY	RAMP - PROJECT AND PORTFOLIO MANAGEMENT SYSTEM - TRANSMISSION	Foundational Technology Systems	Gas Operations Systems Resiliency	Overall	No	(2,244)	(2,311)	(2,380)	(2,451)	(2,244)	-100%	-100%	-100%	-100%	-100%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - PROJECT AND PORTFOLIO MANAGEMENT SYSTEM - TRANSMISSION**				**Yes**	**(2,244)**	**(2,311)**	**(2,380)**	**(2,451)**	**(2,244)**	**-100%**	**-100%**	**-100%**	**-100%**	**-100%**
Capital	INFORMATION TECHNOLOGY	RAMP - RECORDS AND DOCUMENT MANAGEMENT SYSTEM (RDMS) PHASE V 2022 - 2026	Asset and Records Management	Information Management Systems	Overall	No	(5,273)	(7,878)	(8,114)	(8,357)	(5,273)	-69%	-100%	-100%	-100%	-69%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - RECORDS AND DOCUMENT MANAGEMENT SYSTEM (RDMS) PHASE V 2022 - 2026**				**Yes**	**(5,273)**	**(7,878)**	**(8,114)**	**(8,357)**	**(5,273)**	**-69%**	**-100%**	**-100%**	**-100%**	**-69%**
Capital	INFORMATION TECHNOLOGY	RAMP - RECORDS AND DOCUMENT MANAGEMENT SYSTEM (RDMS): OPENTEXT UPGRADE AND ENHANCEMENTS	Asset and Records Management	Information Management Systems	Overall	No	(897)	(924)	(952)	(981)	(897)	-100%	-100%	-100%	-100%	-100%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - RECORDS AND DOCUMENT MANAGEMENT SYSTEM (RDMS): OPENTEXT UPGRADE AND ENHANCEMENTS**				**Yes**	**(897)**	**(924)**	**(952)**	**(981)**	**(897)**	**-100%**	**-100%**	**-100%**	**-100%**	**-100%**
Capital	INFORMATION TECHNOLOGY	RAMP - RECOVERY VAULT EXPANSION 2024	Foundational Technology Systems	Datacenter Modernization	Overall	No	(1,313)	(1,351)	(1,390)	(1,430)	(1,313)	-100%	-100%	-100%	-100%	-100%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - RECOVERY VAULT EXPANSION 2024**				**Yes**	**(1,313)**	**(1,351)**	**(1,390)**	**(1,430)**	**(1,313)**	**-100%**	**-100%**	**-100%**	**-100%**	**-100%**

SoCalGas INFORMATION TECHNOLOGY Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Differences ($)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
Capital	INFORMATION TECHNOLOGY	RAMP - SUPERVISORY CONTROL AND DATA ACQUISITION NETWORK REFRESH PROJECT	Foundational Technology Systems	Network & Voice System Resiliency	Overall	No	(471)	(508)	(523)	(539)	(471)	-96%	-100%	-100%	-100%	-96%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - SUPERVISORY CONTROL AND DATA ACQUISITION NETWORK REFRESH PROJECT**				**Yes**	**(471)**	**(508)**	**(523)**	**(539)**	**(471)**	**-96%**	**-100%**	**-100%**	**-100%**	**-96%**
Capital	INFORMATION TECHNOLOGY	RAMP - WIDE AREA NETWORK (WAN) AND PRIVATE NETWORK REFRESH	Foundational Technology Systems	Network & Voice System Resiliency	Overall	No	(2,466)	(2,540)	(2,616)	(2,695)	(2,466)	-100%	-100%	-100%	-100%	-100%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - WIDE AREA NETWORK (WAN) AND PRIVATE NETWORK REFRESH**				**Yes**	**(2,466)**	**(2,540)**	**(2,616)**	**(2,695)**	**(2,466)**	**-100%**	**-100%**	**-100%**	**-100%**	**-100%**
Capital	INFORMATION TECHNOLOGY	RAMP - WORK MANAGEMENT PROGRAM NEXT GENERATION FIELD SERVICE DELIVERY (FSD)	Foundational Technology Systems	Gas Operations Systems Resiliency	Overall	No	(425)	(9,419)	(9,701)	(9,992)	(425)	-5%	-100%	-100%	-100%	-5%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - WORK MANAGEMENT PROGRAM NEXT GENERATION FIELD SERVICE DELIVERY (FSD)**				**Yes**	**(425)**	**(9,419)**	**(9,701)**	**(9,992)**	**(425)**	**-5%**	**-100%**	**-100%**	**-100%**	**-5%**
Capital	INFORMATION TECHNOLOGY	ROUTINE SMALL CAP 2022-2024	Non-RAMP	Non-RAMP	Non-RAMP	No	(199)	(308)	(317)	(327)	(199)	-67%	-100%	-100%	-100%	-67%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal ROUTINE SMALL CAP 2022-2024**				**Yes**	**(199)**	**(308)**	**(317)**	**(327)**	**(199)**	**-67%**	**-100%**	**-100%**	**-100%**	**-67%**
Capital	INFORMATION TECHNOLOGY	SAP S4/HANA - BUSINESS OPTIMIZATION	Non-RAMP	Non-RAMP	Non-RAMP	No	(4,621)	(5,601)	(5,862)	(6,038)	(4,621)	-84%	-100%	-100%	-100%	-84%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal SAP S4/HANA - BUSINESS OPTIMIZATION**				**Yes**	**(4,621)**	**(5,601)**	**(5,862)**	**(6,038)**	**(4,621)**	**-84%**	**-100%**	**-100%**	**-100%**	**-84%**
Capital	INFORMATION TECHNOLOGY	SAP TRANSFORMATION	Non-RAMP	Non-RAMP	Non-RAMP	No	(15,838)	(20,590)	(21,208)	(21,844)	(15,838)	-79%	-100%	-100%	-100%	-79%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal SAP TRANSFORMATION**				**Yes**	**(15,838)**	**(20,590)**	**(21,208)**	**(21,844)**	**(15,838)**	**-79%**	**-100%**	**-100%**	**-100%**	**-79%**
Capital	INFORMATION TECHNOLOGY	SERVICENOW SERVICE MAPPING	Non-RAMP	Non-RAMP	Non-RAMP	No	16,574	(2,476)	(2,551)	(2,628)	16,574	689%	-100%	-100%	-100%	689%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal SERVICENOW SERVICE MAPPING**				**Yes**	**16,574**	**(2,476)**	**(2,551)**	**(2,628)**	**16,574**	**689%**	**-100%**	**-100%**	**-100%**	**689%**
Capital	INFORMATION TECHNOLOGY	SUPPLIER RISK MANAGEMENT (SRM)	Non-RAMP	Non-RAMP	Non-RAMP	No	(12)	(90)	(93)	(96)	(12)	-13%	-100%	-100%	-100%	-13%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal SUPPLIER RISK MANAGEMENT (SRM)**				**Yes**	**(12)**	**(90)**	**(93)**	**(96)**	**(12)**	**-13%**	**-100%**	**-100%**	**-100%**	**-13%**
Capital	INFORMATION TECHNOLOGY	RAMP - AVEVA AND AUTOCAD ENHANCEMENTS - PHASE 2	Foundational Technology Systems	Gas Operations Systems Resiliency	N/A	No	10,976	—	—	—	10,976	100%	—%	—%	—%	100%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - AVEVA AND AUTOCAD ENHANCEMENTS - PHASE 2**				**Yes**	**10,976**	**—**	**—**	**—**	**10,976**	**100%**	**—%**	**—%**	**—%**	**100%**
Capital	INFORMATION TECHNOLOGY	RAMP - COMPUTE CAPACITY EXPANSION 2023	Foundational Technology Systems	Datacenter Modernization	N/A	No	23,406	—	—	—	23,406	100%	—%	—%	—%	100%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - COMPUTE CAPACITY EXPANSION 2023**				**Yes**	**23,406**	**—**	**—**	**—**	**23,406**	**100%**	**—%**	**—%**	**—%**	**100%**
Capital	INFORMATION TECHNOLOGY	RAMP - DIGITAL WORKSPACE	Foundational Technology Systems	End User Access and Supporting Services	N/A	No	4,754	—	—	—	4,754	100%	—%	—%	—%	100%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - DIGITAL WORKSPACE**				**Yes**	**4,754**	**—**	**—**	**—**	**4,754**	**100%**	**—%**	**—%**	**—%**	**100%**
Capital	**INFORMATION TECHNOLOGY**	**SubTotal**				**Yes**	**—**	**—**	**—**	**—**	**—**	**—%**	**—%**	**—%**	**—%**	**—%**

SoCalGas INFORMATION TECHNOLOGY Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference ($)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
Capital	INFORMATION TECHNOLOGY	RAMP - WORK MANAGEMENT AND SAFETY AND REGULATORY 2022-2023	Foundational Technology Systems	Gas Operations Systems Resiliency	N/A	No	3,803	—	—	—	3,803	100%	—%	—%	—%	100%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - WORK MANAGEMENT AND SAFETY AND REGULATORY 2022-2023**				**Yes**	**3,803**	**—**	**—**	**—**	**3,803**	**100%**	**—%**	**—%**	**—%**	**100%**

SoCal Gas INFORMATION TECHNOLOGY Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
Capital	INFORMATION TECHNOLOGY	INFORMATION TECHNOLOGY				Yes																					
Capital	INFORMATION TECHNOLOGY	ADVANCED METER DATA COLLECTOR UNIT HARDWARE REFRESH	Non-RAMP	Non-RAMP	Non-RAMP	No	Data Collector Units (DCUs)	4,600				4,600	4,600				4,600	0	0	0	0	—	0 %	0 %	0 %	0 %	0 %
Capital	**INFORMATION TECHNOLOGY**	**SubTotal ADVANCED METER DATA COLLECTOR UNIT HARDWARE REFRESH**				**Yes**																					
Capital	INFORMATION TECHNOLOGY	APP MODERNIZATION AND VULNERABILITY REDUCTION PHASE II	Non-RAMP	Non-RAMP	Non-RAMP	No	Applications	3				3	3				3	0	0	0	0	—	0 %	0 %	0 %	0 %	0 %
Capital	**INFORMATION TECHNOLOGY**	**SubTotal APP MODERNIZATION AND VULNERABILITY REDUCTION PHASE II**				**Yes**																					
Capital	INFORMATION TECHNOLOGY	BUSINESS ADAPTATION TECH AND DIGITALIZATION	Non-RAMP	Non-RAMP	Non-RAMP	No	Applications	4				4	4				4	0	0	0	0	—	0 %	0 %	0 %	0 %	0 %
Capital	**INFORMATION TECHNOLOGY**	**SubTotal BUSINESS ADAPTATION TECH AND DIGITALIZATION**				**Yes**																					
Capital	INFORMATION TECHNOLOGY	CENTRALIZED CUSTOMER DATA MANAGEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	Applications	1				1	1				1	0	0	0	0	—	0 %	0 %	0 %	0 %	0 %
Capital	**INFORMATION TECHNOLOGY**	**SubTotal CENTRALIZED CUSTOMER DATA MANAGEMENT**				**Yes**																					
Capital	INFORMATION TECHNOLOGY	CQMX REPLACEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No											—	0	0	0	0		0 %	0 %	0 %	0 %	0 %
Capital	**INFORMATION TECHNOLOGY**	**SubTotal CQMX REPLACEMENT**				**Yes**																					
Capital	INFORMATION TECHNOLOGY	CUSTOMER SERVICES - A	Non-RAMP	Non-RAMP	Non-RAMP	No	Applications	1				1	0				—	1	0	0	0	1	100 %	0 %	0 %	0 %	100 %
Capital	**INFORMATION TECHNOLOGY**	**SubTotal CUSTOMER SERVICES - A**				**Yes**																					
Capital	INFORMATION TECHNOLOGY	CUSTOMER SERVICES - B	Non-RAMP	Non-RAMP	Non-RAMP	No	Applications	1				1	0				—	1	0	0	0	1	100 %	0 %	0 %	0 %	100 %
Capital	**INFORMATION TECHNOLOGY**	**SubTotal CUSTOMER SERVICES - B**				**Yes**																					
Capital	INFORMATION TECHNOLOGY	DIGITAL PROCESS AUTOMATION	Non-RAMP	Non-RAMP	Non-RAMP	No											—	0	0	0	0		0 %	0 %	0 %	0 %	0 %
Capital	**INFORMATION TECHNOLOGY**	**SubTotal DIGITAL PROCESS AUTOMATION**				**Yes**																					
Capital	INFORMATION TECHNOLOGY	ELECTRONIC DATA INTERFACE EXCHANGE - WEB METHODS MODERNIZATION	Non-RAMP	Non-RAMP	Non-RAMP	No	Applications	1				1	1				1	0	0	0	0	—	0 %	0 %	0 %	0 %	0 %
Capital	**INFORMATION TECHNOLOGY**	**SubTotal ELECTRONIC DATA INTERFACE EXCHANGE - WEB METHODS MODERNIZATION**				**Yes**																					
Capital	INFORMATION TECHNOLOGY	ENTERPRISE SOURCE TO PAY (ES2P) ANALYTICS SOLUTION	Non-RAMP	Non-RAMP	Non-RAMP	No											—	0	0	0	0		0 %	0 %	0 %	0 %	0 %
Capital	**INFORMATION TECHNOLOGY**	**SubTotal ENTERPRISE SOURCE TO PAY (ES2P) ANALYTICS SOLUTION**				**Yes**																					
Capital	INFORMATION TECHNOLOGY	ENTERPRISE SOURCE TO PAY (ES2P) VALUE STREAM	Non-RAMP	Non-RAMP	Non-RAMP	No											—	0	0	0	0		0 %	0 %	0 %	0 %	0 %
Capital	**INFORMATION TECHNOLOGY**	**SubTotal ENTERPRISE SOURCE TO PAY (ES2P) VALUE STREAM**				**Yes**																					
Capital	INFORMATION TECHNOLOGY	FINANCIAL RISK MANAGEMENT - RISK BASED DECISION MAKING	Non-RAMP	Non-RAMP	Non-RAMP	No											—	0	0	0	0		0 %	0 %	0 %	0 %	0 %
Capital	**INFORMATION TECHNOLOGY**	**SubTotal FINANCIAL RISK MANAGEMENT - RISK BASED DECISION MAKING**				**Yes**																					
Capital	INFORMATION TECHNOLOGY	FOUNDATIONS ANALYTICS SERVICE	Non-RAMP	Non-RAMP	Non-RAMP	No	Applications	45				45	45				45	0	0	0	0	—	0 %	0 %	0 %	0 %	0 %
Capital	**INFORMATION TECHNOLOGY**	**SubTotal FOUNDATIONS ANALYTICS SERVICE**				**Yes**																					
Capital	INFORMATION TECHNOLOGY	HR AND CORPORATE CENTER DATA AND APPLICATION MODERNIZATION	Non-RAMP	Non-RAMP	Non-RAMP	No	Applications	20				20	20				20	0	0	0	0	—	0 %	0 %	0 %	0 %	0 %
Capital	**INFORMATION TECHNOLOGY**	**SubTotal HR AND CORPORATE CENTER DATA AND APPLICATION MODERNIZATION**				**Yes**																					
Capital	INFORMATION TECHNOLOGY	HR EMPLOYEE LIFECYCLE	Non-RAMP	Non-RAMP	Non-RAMP	No	Employees	—				—	14,500				14,500	(14,500)	0	0	0	(14,500)	(100.0)%	0 %	0 %	0 %	(100.0)%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal HR EMPLOYEE LIFECYCLE**				**Yes**																					
Capital	INFORMATION TECHNOLOGY	HR WORKFORCE PLANNING TOOL	Non-RAMP	Non-RAMP	Non-RAMP	No											—	0	0	0	0		0 %	0 %	0 %	0 %	0 %
Capital	**INFORMATION TECHNOLOGY**	**SubTotal HR WORKFORCE PLANNING TOOL**				**Yes**																					
Capital	INFORMATION TECHNOLOGY	IT - ENTERPRISE - APPLICATION - A	Non-RAMP	Non-RAMP	Non-RAMP	No											—	0	0	0	0		0 %	0 %	0 %	0 %	0 %
Capital	**INFORMATION TECHNOLOGY**	**SubTotal IT - ENTERPRISE - APPLICATION - A**				**Yes**																					
Capital	INFORMATION TECHNOLOGY	SAP RISE SAAS SUBSCRIPTIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	Subscription	1				1	0				—	1	0	0	0	1	100 %	0 %	0 %	0 %	100 %
Capital	**INFORMATION TECHNOLOGY**	**SubTotal SAP RISE SAAS SUBSCRIPTIONS**				**Yes**																					
Capital	INFORMATION TECHNOLOGY	EMPLOYEE CARE SERVICES WORKERS COMP REFRESH	Non-RAMP	Non-RAMP	Non-RAMP	No											—	0	0	0	0		0 %	0 %	0 %	0 %	0 %
Capital	**INFORMATION TECHNOLOGY**	**SubTotal EMPLOYEE CARE SERVICES WORKERS COMP REFRESH**				**Yes**																					
Capital	INFORMATION TECHNOLOGY	VISTA CIS	Non-RAMP	Non-RAMP	Non-RAMP	No											—	0	0	0	0		0 %	0 %	0 %	0 %	0 %
Capital	**INFORMATION TECHNOLOGY**	**SubTotal VISTA CIS**				**Yes**																					
Capital	INFORMATION TECHNOLOGY	POWERPLAN UPGRADE OPTIMIZATION	Non-RAMP	Non-RAMP	Non-RAMP	No	System	1				1	0				—	1	0	0	0	1	100 %	0 %	0 %	0 %	100 %

SoCalGas INFORMATION TECHNOLOGY Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
Capital	**INFORMATION TECHNOLOGY**	**SubTotal POWERPLAN UPGRADE OPTIMIZATION**				**Yes**																					
Capital	INFORMATION TECHNOLOGY	MAJOR MARKET TO CLOUD (M2C) - BILLING VIEWER	Non-RAMP	Non-RAMP	Non-RAMP	No	Applications	—				—	1				1	(1)	0	0	0	(1)	(100.0)%	0 %	0 %	0 %	(100.0)%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal MAJOR MARKET TO CLOUD (M2C) - BILLING VIEWER**				**Yes**																					
Capital	INFORMATION TECHNOLOGY	PROJECT AND PORTFOLIO MGMT SYSTEM - CONSTRUCTION - ES2P (ENTERPRISE SOURCE TO PAY) IMPLEMENTATION	Non-RAMP	Non-RAMP	Non-RAMP	No																					
Capital	**INFORMATION TECHNOLOGY**	**SubTotal PROJECT AND PORTFOLIO MGMT SYSTEM - CONSTRUCTION - ES2P (ENTERPRISE SOURCE TO PAY) IMPLEMENTATION**				**Yes**																					
Capital	INFORMATION TECHNOLOGY	RAMP - ADVANCED METER HEADEND AND METER DATA MANAGEMENT SYSTEM NEXT-GENERATION (ACLARAONE)	Foundational Technology Systems	Gas Operations Systems Resiliency	Overall	No	Data Collector Units (DCUs)	4,600				4,600	4,600				4,600	0	0	0	0	—	0 %	0 %	0 %	0 %	0 %
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - ADVANCED METER HEADEND AND METER DATA MANAGEMENT SYSTEM NEXT-GENERATION (ACLARAONE)**				**Yes**																					
Capital	INFORMATION TECHNOLOGY	RAMP - APPLICATION MONITORING REFRESH	Foundational Technology Systems	Monitoring Systems and Services	Overall	No	Servers	—				—	50				50	(50)	0	0	0	(50)	(100.0)%	0 %	0 %	0 %	(100.0)%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - APPLICATION MONITORING REFRESH**				**Yes**																					
Capital	INFORMATION TECHNOLOGY	RAMP - ASSET INVESTMENT PLANNING AND MANAGEMENT - PHASE 3 FACILITIES	Asset and Records Management	Asset Investment Planning (AIP) Tool	Overall	No	Automations	50				50	50				50	0	0	0	0	—	0 %	0 %	0 %	0 %	0 %
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - ASSET INVESTMENT PLANNING AND MANAGEMENT - PHASE 3 FACILITIES**				**Yes**																					
Capital	INFORMATION TECHNOLOGY	RAMP - CLOUD FOUNDATION	Foundational Technology Systems	IT Service Continuity	Overall	No	Cloud Environments	3				3	3				3	0	0	0	0	—	0 %	0 %	0 %	0 %	0 %
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - CLOUD FOUNDATION**				**Yes**																					
Capital	INFORMATION TECHNOLOGY	RAMP - COMPUTE INFRASTRUCTURE REFRESH 2024	Foundational Technology Systems	Datacenter Modernization	Overall	No	Data centers	2				2	2				2	0	0	0	0	—	0 %	0 %	0 %	0 %	0 %
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - COMPUTE INFRASTRUCTURE REFRESH 2024**				**Yes**																					
Capital	INFORMATION TECHNOLOGY	RAMP - CUSTOMER CONTACT CENTER (CCC) TECHNOLOGY MODERNIZATION	Foundational Technology Systems	Network & Voice System Resiliency	Overall	No	Legacy Systems	200				200	200				200	0	0	0	0	—	0 %	0 %	0 %	0 %	0 %
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - CUSTOMER CONTACT CENTER (CCC) TECHNOLOGY MODERNIZATION**				**Yes**																					
Capital	INFORMATION TECHNOLOGY	RAMP - DECISION ANALYTICS AND AUTOMATION	Foundational Technology Systems	Gas Operations Systems Resiliency	Overall	No	Applications	5				5	6				6	(1)	0	0	0	(1)	(17.0)%	0 %	0 %	0 %	(17.0)%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - DECISION ANALYTICS AND AUTOMATION**				**Yes**																					
Capital	INFORMATION TECHNOLOGY	RAMP - DIGITAL INTEGRATION	Foundational Technology Systems	Gas Operations Systems Resiliency	Overall	No	Applications	4				4	4				4	0	0	0	0	—	0 %	0 %	0 %	0 %	0 %
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - DIGITAL INTEGRATION**				**Yes**																					
Capital	INFORMATION TECHNOLOGY	RAMP - ELECTRONIC LEAK SURVEY - PIPELINE PATROL	Foundational Technology Systems	Gas Operations Systems Resiliency	Overall	No	Devices	150				150	200				200	(50)	0	0	0	(50)	(25.0)%	0 %	0 %	0 %	(25.0)%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - ELECTRONIC LEAK SURVEY - PIPELINE PATROL**				**Yes**																					
Capital	INFORMATION TECHNOLOGY	RAMP - ELECTRONIC LEAK SURVEY - SPECIAL LEAK SURVEY AND ABNORMAL OPERATING CONDITIONS (AOC)	Foundational Technology Systems	Gas Operations Systems Resiliency	Overall	No	Enhancements	56				56	56				56	0	0	0	0	—	0 %	0 %	0 %	0 %	0 %
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - ELECTRONIC LEAK SURVEY - SPECIAL LEAK SURVEY AND ABNORMAL OPERATING CONDITIONS (AOC)**				**Yes**																					
Capital	INFORMATION TECHNOLOGY	RAMP - ELECTRONIC LEAK SURVEY - TRANSMISSION SURVEY AND PATROL	Foundational Technology Systems	Gas Operations Systems Resiliency	Overall	No	Devices	—				—	200				200	(200)	0	0	0	(200)	(100.0)%	0 %	0 %	0 %	(100.0)%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - ELECTRONIC LEAK SURVEY - TRANSMISSION SURVEY AND PATROL**				**Yes**																					
Capital	INFORMATION TECHNOLOGY	RAMP - EMERGENCY RESPONSE COMMAND CENTER ENHANCEMENT	Foundational Technology Systems	Network & Voice System Resiliency	Overall	No	Micro Controller Unit (MCU)	—				—	0				—	0	0	0	0	—	0 %	0 %	0 %	0 %	0 %
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - EMERGENCY RESPONSE COMMAND CENTER ENHANCEMENT**				**Yes**																					
Capital	INFORMATION TECHNOLOGY	RAMP - ENERGY TRANSITION DIGITAL TWIN	Foundational Technology Systems	Gas Operations Systems Resiliency	Overall	No	Cases	3				3	3				3	0	0	0	0	—	0 %	0 %	0 %	0 %	0 %
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - ENERGY TRANSITION DIGITAL TWIN**				**Yes**																					
Capital	INFORMATION TECHNOLOGY	RAMP - ENVIRONMENTAL HEALTH AND SAFETY MANAGEMENT MODERNIZATION PHASE 2	Foundational Technology Systems	Gas Operations Systems Resiliency	Overall	No	Applications	5				5	14				14	(9)	0	0	0	(9)	(64.0)%	0 %	0 %	0 %	(64.0)%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - ENVIRONMENTAL HEALTH AND SAFETY MANAGEMENT MODERNIZATION PHASE 2**				**Yes**																					

SoCalGas INFORMATION TECHNOLOGY Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
Capital	INFORMATION TECHNOLOGY	RAMP - GAS MATERIALS QA/QC, FIELD MANAGEMENT AND TRACEABILITY	Foundational Technology Systems	Gas Operations Systems Resiliency	Overall	No	Enhancements	10				10	50				50	(40)	0	0	0	(40)	(80)%	0 %	0 %	0 %	(80)%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - GAS MATERIALS QA/QC, FIELD MANAGEMENT AND TRACEABILITY**				**Yes**																					
Capital	INFORMATION TECHNOLOGY	RAMP - GIS PORTAL AND MOBILITY ENHANCEMENTS	Foundational Technology Systems	Gas Operations Systems Resiliency	Overall	No	Enhancements	50				50	100				100	(50)	0	0	0	(50)	(50)%	0 %	0 %	0 %	(50)%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - GIS PORTAL AND MOBILITY ENHANCEMENTS**				**Yes**																					
Capital	INFORMATION TECHNOLOGY	RAMP - IDENTITY AND ACCESS MANAGEMENT (IAM) CLOUD	Foundational Technology Systems	Cloud Resiliency Services	Overall	No	Cloud Environments	1				1	1				1	0	0	0	0	--	0 %	0 %	0 %	0 %	0 %
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - IDENTITY AND ACCESS MANAGEMENT (IAM) CLOUD**				**Yes**																					
Capital	INFORMATION TECHNOLOGY	RAMP - INFRASTRUCTURE MONITORING IMPLEMENTATION	Foundational Technology Systems	Monitoring Systems and Services	Overall	No	Applications	1,780				1,780	1,780				1,780	0	0	0	0	--	0 %	0 %	0 %	0 %	0 %
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - INFRASTRUCTURE MONITORING IMPLEMENTATION**				**Yes**																					
Capital	INFORMATION TECHNOLOGY	RAMP - LOCAL AREA NETWORK UPGRADE	Foundational Technology Systems	Network & Voice System Resiliency	Overall	No	Sites	174				174	300				300	(126)	0	0	0	(126)	(42)%	0 %	0 %	0 %	(42)%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - LOCAL AREA NETWORK UPGRADE**				**Yes**																					
Capital	INFORMATION TECHNOLOGY	RAMP - NETWORK ATTACHED STORAGE CYBER VAULT CAPACITY EXPANSION 2024	Foundational Technology Systems	Datacenter Modernization	Overall	No	Data Centers	2				2	2				2	0	0	0	0	--	0 %	0 %	0 %	0 %	0 %
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - NETWORK ATTACHED STORAGE CYBER VAULT CAPACITY EXPANSION 2024**				**Yes**																					
Capital	INFORMATION TECHNOLOGY	RAMP - NEW BUSINESS MANAGEMENT SYSTEM (NBMS) REPLACEMENT	Foundational Technology Systems	Gas Operations Systems Resiliency	Overall	No	Configuration s	--				--	200				200	(200)	0	0	0	(200)	(100)%	0 %	0 %	0 %	(100)%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - NEW BUSINESS MANAGEMENT SYSTEM (NBMS) REPLACEMENT**				**Yes**																					
Capital	INFORMATION TECHNOLOGY	RAMP - NOGGIN 2.0 CORE IMPLEMENTATION	Foundational Technology Systems	Emergency Operations Center (EOC) Technology Resiliency	Overall	No	Applications	--				--	1				1	(1)	0	0	0	(1)	(100)%	0 %	0 %	0 %	(100)%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - NOGGIN 2.0 CORE IMPLEMENTATION**				**Yes**																					

SoCalGas INFORMATION TECHNOLOGY Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
Capital	INFORMATION TECHNOLOGY	RAMP - PACER WORKFORCE MANAGEMENT REPLACEMENT PROJECT	Foundational Technology Systems	Gas Operations Systems Resiliency	Overall	No	Applications	5				5	5				5	—	—	—	—	—	—%	—%	—%	—%	0 %
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - PACER WORKFORCE MANAGEMENT REPLACEMENT PROJECT**				Yes																					
Capital	INFORMATION TECHNOLOGY	RAMP - PROJECT AND PORTFOLIO MANAGEMENT SYSTEM - CONSTRUCTION - PHASE 1	Foundational Technology Systems	Gas Operations Systems Resiliency	Overall	No	Automations	25				25	20				20	5	—	—	—	5	25%	—%	—%	—%	25 %
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - PROJECT AND PORTFOLIO MANAGEMENT SYSTEM - CONSTRUCTION - PHASE 1**				Yes																					
Capital	INFORMATION TECHNOLOGY	RAMP - PROJECT AND PORTFOLIO MANAGEMENT SYSTEM - STORAGE	Foundational Technology Systems	Gas Operations Systems Resiliency	Overall	No	Automations	—				—	10				10	(10)	0	0	0	(10)	(100)%	0 %	0 %	0 %	(100)%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - PROJECT AND PORTFOLIO MANAGEMENT SYSTEM - STORAGE**				Yes																					
Capital	INFORMATION TECHNOLOGY	RAMP - PROJECT AND PORTFOLIO MANAGEMENT SYSTEM - TRANSMISSION	Foundational Technology Systems	Gas Operations Systems Resiliency	Overall	No	Automations	—				—	10				10	(10)	0	0	0	(10)	(100)%	0 %	0 %	0 %	(100)%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - PROJECT AND PORTFOLIO MANAGEMENT SYSTEM - TRANSMISSION**				Yes																					
Capital	INFORMATION TECHNOLOGY	RAMP - RECORDS AND DOCUMENT MANAGEMENT SYSTEM (RDMS) PHASE V 2022 - 2026	Asset and Records Management	Information Management Systems	Overall	No	Enhancements	20				20	20				20	0	0	0	0	—	0 %	0 %	0 %	0 %	0 %
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - RECORDS AND DOCUMENT MANAGEMENT SYSTEM (RDMS) PHASE V 2022 - 2026**				Yes																					
Capital	INFORMATION TECHNOLOGY	RAMP - RECORDS AND DOCUMENT MANAGEMENT SYSTEM (RDMS): OPENTEXT UPGRADE AND ENHANCEMENTS	Asset and Records Management	Information Management Systems	Overall	No	Enhancements	—				—	50				50	(50)	0	0	0	(50)	(100)%	0 %	0 %	0 %	(100)%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - RECORDS AND DOCUMENT MANAGEMENT SYSTEM (RDMS): OPENTEXT UPGRADE AND ENHANCEMENTS**				Yes																					
Capital	INFORMATION TECHNOLOGY	RAMP - RECOVERY VAULT EXPANSION 2024	Foundational Technology Systems	Datacenter Modernization	Overall	No	Data Centers	—				—	2				2	(2)	0	0	0	(2)	(100)%	0 %	0 %	0 %	(100)%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - RECOVERY VAULT EXPANSION 2024**				Yes																					

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Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
Capital	INFORMATION TECHNOLOGY	RAMP - SUPERVISORY CONTROL AND DATA ACQUISITION NETWORK REFRESH PROJECT	Foundational Technology Systems	Network & Voice System Resiliency	Overall	No	Telecom Circuits	1				1	30				30	(29)	0	0	0	(29)	(97)%	0 %	0 %	0 %	(97)%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - SUPERVISORY CONTROL AND DATA ACQUISITION NETWORK REFRESH PROJECT**				**Yes**																					
Capital	INFORMATION TECHNOLOGY	RAMP - WIDE AREA NETWORK (WAN) AND PRIVATE NETWORK REFRESH	Foundational Technology Systems	Network & Voice System Resiliency	Overall	No	Microwave Path	—				—	20				20	(20)	0	0	0	(20)	(100)%	0 %	0 %	0 %	(100)%
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - WIDE AREA NETWORK (WAN) AND PRIVATE NETWORK REFRESH**				**Yes**																					
Capital	INFORMATION TECHNOLOGY	RAMP - WORK MANAGEMENT PROGRAM NEXT GENERATION FIELD SERVICE DELIVERY (FSD)	Foundational Technology Systems	Gas Operations Systems Resiliency	Overall	No	Employees	1,400				1,400	1,400				1,400	0	0	0	0	—	0 %	0 %	0 %	0 %	0 %
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - WORK MANAGEMENT PROGRAM NEXT GENERATION FIELD SERVICE DELIVERY (FSD)**				**Yes**																					
Capital	INFORMATION TECHNOLOGY	ROUTINE SMALL CAP 2022-2024	Non-RAMP	Non-RAMP	Non-RAMP	No	Infrastructure Hardware	1				1	1				1	0	0	0	0	—	0 %	0 %	0 %	0 %	0 %
Capital	**INFORMATION TECHNOLOGY**	**SubTotal ROUTINE SMALL CAP 2022-2024**				**Yes**																					
Capital	INFORMATION TECHNOLOGY	SAPS4/HANA - BUSINESS OPTIMIZATION	Non-RAMP	Non-RAMP	Non-RAMP	No																					
Capital	**INFORMATION TECHNOLOGY**	**SubTotal SAP S4/HANA - BUSINESS OPTIMIZATION**				**Yes**																					
Capital	INFORMATION TECHNOLOGY	SAP TRANSFORMATION	Non-RAMP	Non-RAMP	Non-RAMP	No	Applications	1				1	1				1	0	0	0	0	—	0 %	0 %	0 %	0 %	0 %
Capital	**INFORMATION TECHNOLOGY**	**SubTotal SAP TRANSFORMATION**				**Yes**																					
Capital	INFORMATION TECHNOLOGY	SERVICENOW SERVICE MAPPING	Non-RAMP	Non-RAMP	Non-RAMP	No	Applications	1,253				1,253	350				350	903	0	0	0	903	258 %	0 %	0 %	0 %	258 %
Capital	**INFORMATION TECHNOLOGY**	**SubTotal SERVICENOW SERVICE MAPPING**				**Yes**																					
Capital	INFORMATION TECHNOLOGY	SUPPLIER RISK MANAGEMENT (SRM)	Non-RAMP	Non-RAMP	Non-RAMP	No	Enhancements	1				1	1				1	0	0	0	0	—	0 %	0 %	0 %	0 %	0 %
Capital	**INFORMATION TECHNOLOGY**	**SubTotal SUPPLIER RISK MANAGEMENT (SRM)**				**Yes**																					
Capital	INFORMATION TECHNOLOGY	RAMP - AVEVA AND AUTOCAD ENHANCEMENTS - PHASE 2	Foundational Technology Systems	Gas Operations Systems Resiliency	N/A	No	Enhancements	50				50	0				—	50	0	0	0	50	100 %	0 %	0 %	0 %	100 %
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - AVEVA AND AUTOCAD ENHANCEMENTS - PHASE 2**				**Yes**																					
Capital	INFORMATION TECHNOLOGY	RAMP - COMPUTE CAPACITY EXPANSION 2023	Foundational Technology Systems	Datacenter Modernization	N/A	No	Infrastructure solutions	30				30	0				—	30	0	0	0	30	100 %	0 %	0 %	0 %	100 %
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - COMPUTE CAPACITY EXPANSION 2023**				**Yes**																					
Capital	INFORMATION TECHNOLOGY	RAMP - DIGITAL WORKSPACE	Foundational Technology Systems	End User Access and Supporting Services	N/A	No	Devices	7,000				7,000	0				—	7,000	0	0	0	7,000	100 %	0 %	0 %	0 %	100 %
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - DIGITAL WORKSPACE**				**Yes**																					
Capital	**INFORMATION TECHNOLOGY**	**SubTotal**				**Yes**																					

SoCalGas INFORMATION TECHNOLOGY Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
Capital	INFORMATION TECHNOLOGY	RAMP - WORK MANAGEMENT AND SAFETY AND REGULATORY 2022-2023	Foundational Technology Systems	Gas Operations Systems Resiliency	N/A	No	Enhancements	125				125	0				—	125	0	0	0	125	100 %	0 %	0 %	0 %	100 %
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - WORK MANAGEMENT AND SAFETY AND REGULATORY 2022-2023**				**Yes**																					

SoCal Gas INFORMATION TECHNOLOGY Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Safety, Reliability, or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status	Status Variance Explanation Required?
Capital	INFORMATION TECHNOLOGY	INFORMATION TECHNOLOGY				Yes										
Capital	INFORMATION TECHNOLOGY	ADVANCED METER DATA COLLECTOR UNIT HARDWARE REFRESH	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	**INFORMATION TECHNOLOGY**	**SubTotal ADVANCED METER DATA COLLECTOR UNIT HARDWARE REFRESH**				**Yes**	**YES**	**NO**								**NO**
Capital	INFORMATION TECHNOLOGY	APP MODERNIZATION AND VULNERABILITY REDUCTION PHASE II	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	**INFORMATION TECHNOLOGY**	**SubTotal APP MODERNIZATION AND VULNERABILITY REDUCTION PHASE II**				**Yes**	**YES**	**NO**								**NO**
Capital	INFORMATION TECHNOLOGY	BUSINESS ADAPTATION TECH AND DIGITALIZATION	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	**INFORMATION TECHNOLOGY**	**SubTotal BUSINESS ADAPTATION TECH AND DIGITALIZATION**				**Yes**	**YES**	**NO**								**NO**
Capital	INFORMATION TECHNOLOGY	CENTRALIZED CUSTOMER DATA MANAGEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Completed	NO
Capital	**INFORMATION TECHNOLOGY**	**SubTotal CENTRALIZED CUSTOMER DATA MANAGEMENT**				**Yes**	**YES**	**NO**								**NO**
Capital	INFORMATION TECHNOLOGY	CQMX REPLACEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							YES
Capital	**INFORMATION TECHNOLOGY**	**SubTotal CQMX REPLACEMENT**				**Yes**	**NO**	**NO**								**NO**
Capital	INFORMATION TECHNOLOGY	CUSTOMER SERVICES - A	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	YES	N/A	The project was expected to be completed in 2023. However, it did not go into service until 2024	On Target (T)	On Target (T)	On Target (T)	Completed	NO
Capital	**INFORMATION TECHNOLOGY**	**SubTotal CUSTOMER SERVICES - A**				**Yes**	**YES**	**NO**								**NO**
Capital	INFORMATION TECHNOLOGY	CUSTOMER SERVICES - B	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	YES	YES	The cost is higher than authorized in 2024 due to new projects that were not included in the TY 2024 GRC request as they were unforeseen at the time of the GRC filing in 2022 including IBML Scanner, MTU Reconfiguration, Envoy 3.0, Renewable Natural Gas (RNG) Tariff Enrollment, Customer Experience Phase 6, and Cost Allocation Proceeding (CAP). In addition,the following projects were forecasted to have been completed prior to 2024, but were delayed: Gas Measurement & Analysis System (GMAS), Project Monaco, and Senate Bill 711; so there were $0 imputed authorized for these projects.	The units are higher than authorized in 2024 due to unforeseen emergent projects that were not included in the TY 2024 GRC request. In addition, there were several projects that were forecasted in the GRC to be completed prior to 2024 that were delayed, including Gas Measurement & Analysis System, Project Monaco, and Senate Bill 711.	Over (O)	Over (O)	Over (O)	Emergent	NO
Capital	**INFORMATION TECHNOLOGY**	**SubTotal CUSTOMER SERVICES - B**				**Yes**	**YES**	**YES**								**NO**
Capital	INFORMATION TECHNOLOGY	DIGITAL PROCESS AUTOMATION	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
Capital	**INFORMATION TECHNOLOGY**	**SubTotal DIGITAL PROCESSAUTOMATION**				**Yes**	**NO**									NO
Capital	INFORMATION TECHNOLOGY	ELECTRONIC DATA INTERFACE EXCHANGE - WEB METHODS MODERNIZATION	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Completed	NO
Capital	**INFORMATION TECHNOLOGY**	**SubTotal ELECTRONIC DATA INTERFACE EXCHANGE - WEB METHODS MODERNIZATION**				**Yes**	**YES**	**NO**								**NO**
Capital	INFORMATION TECHNOLOGY	ENTERPRISE SOURCE TO PAY (ES2P) ANALYTICS SOLUTION	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							YES
Capital	**INFORMATION TECHNOLOGY**	**SubTotal ENTERPRISE SOURCE TO PAY (ES2P) ANALYTICS SOLUTION**				**Yes**	**NO**	**NO**								**YES**
Capital	INFORMATION TECHNOLOGY	ENTERPRISE SOURCE TO PAY (ES2P) VALUE STREAM	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
Capital	**INFORMATION TECHNOLOGY**	**SubTotal ENTERPRISE SOURCE TO PAY (ES2P) VALUE STREAM**				**Yes**	**NO**	**NO**								**NO**
Capital	INFORMATION TECHNOLOGY	FINANCIAL RISK MANAGEMENT - RISK BASED DECISION MAKING	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
Capital	**INFORMATION TECHNOLOGY**	**SubTotal FINANCIAL RISK MANAGEMENT - RISK BASED DECISION MAKING**				**Yes**	**NO**	**NO**								**NO**
Capital	INFORMATION TECHNOLOGY	FOUNDATIONS ANALYTICS SERVICE	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	YES	NO	Costs for data engineering, combining and cutting data were higher than originally forecasted due to increased scope, requirements to build enhanced data model, and unexpected project complexities	N/A	Over (O)	On Target (T)	Over (O)	Proceeding as Planned	NO
Capital	**INFORMATION TECHNOLOGY**	**SubTotal FOUNDATIONS ANALYTICS SERVICE**				**Yes**	**YES**	**YES**								**NO**
Capital	INFORMATION TECHNOLOGY	HR AND CORPORATE CENTER DATA AND APPLICATION MODERNIZATION	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	**INFORMATION TECHNOLOGY**	**SubTotal HR AND CORPORATE CENTER DATA AND APPLICATION MODERNIZATION**				**Yes**	**YES**	**NO**								**NO**
Capital	INFORMATION TECHNOLOGY	HR EMPLOYEE LIFECYCLE	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	YES	N/A	The units are lower than authorized for 2024 due to the HR Employee Lifecycle project completion in 2023 instead of 2024, as originally forecasted.	Under (U)	Under (U)	Under (U)	Completed	YES
Capital	**INFORMATION TECHNOLOGY**	**SubTotal HR EMPLOYEE LIFECYCLE**				**Yes**	**YES**	**NO**								**YES**
Capital	INFORMATION TECHNOLOGY	HR WORKFORCE PLANNING TOOL	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							YES
Capital	**INFORMATION TECHNOLOGY**	**SubTotal HR WORKFORCE PLANNING TOOL**				**Yes**	**NO**	**NO**								**YES**
Capital	INFORMATION TECHNOLOGY	IT - ENTERPRISE - APPLICATION - A	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
Capital	**INFORMATION TECHNOLOGY**	**SubTotal IT - ENTERPRISE - APPLICATION - A**				**Yes**	**NO**	**NO**								**NO**
Capital	INFORMATION TECHNOLOGY	SAP RISE SAAS SUBSCRIPTIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	YES	YES	Variance due to emergent need to purchase Software as a Service (SaaS) subscription at IT Enterprise level for SAP to provide cloud-based solutions that significantly improves system reliability and security, mitigating risks associated with outdated technology.	The unit variance is due to emergent need to purchase Software as a Service (SaaS) subscription at IT Enterprise level for SAP to provide cloud based solutions that significantly improves system reliability and security, mitigating risks associated with outdated technology.	Over (O)	Over (O)	Over (O)	Emergent	NO
Capital	**INFORMATION TECHNOLOGY**	**SubTotal SAP RISE SAAS SUBSCRIPTIONS**				**Yes**	**YES**	**YES**								**NO**
Capital	INFORMATION TECHNOLOGY	EMPLOYEE CARE SERVICES WORKERS COMP REFRESH	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
Capital	**INFORMATION TECHNOLOGY**	**SubTotal EMPLOYEE CARE SERVICES WORKERS COMP REFRESH**				**Yes**	**NO**	**NO**								**NO**
Capital	INFORMATION TECHNOLOGY	VISTA CIS	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
Capital	**INFORMATION TECHNOLOGY**	**SubTotal VISTA CIS**				**Yes**	**NO**	**NO**								**NO**
Capital	INFORMATION TECHNOLOGY	POWERPLAN UPGRADE OPTIMIZATION	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	YES	YES	The variance is due to an emergent need in 2024 to upgrade and replace end-of-life technology to ensure efficient and accurate asset management, financial reporting, and regulatory compliance.	The variance is due to an emergent need in 2024 to upgrade and replace end-of-life technology to ensure efficient and accurate asset management, financial reporting, and regulatory compliance.	Over (O)	Over (O)	Over (O)	Emergent	NO

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Capital	**INFORMATION TECHNOLOGY**	**SubTotal POWERPLAN UPGRADE OPTIMIZATION**				**Yes**	**YES**	**YES**								**NO**
Capital	INFORMATION TECHNOLOGY	MAJOR MARKET TO CLOUD (M2C) - BILLING VIEWER	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	YES	N/A	Major Market to Cloud project completed in 2022 instead of the 2024 expected year due to resource availability thus the units are zero in 2024.	On Target (T)	On Target (T)	On Target (T)	Completed	YES
Capital	**INFORMATION TECHNOLOGY**	**SubTotal MAJOR MARKET TO CLOUD (M2C) - BILLING VIEWER**				**Yes**	**YES**	**NO**								**YES**
Capital	INFORMATION TECHNOLOGY	PROJECT AND PORTFOLIO MGMT SYSTEM - CONSTRUCTION - ES2P (ENTERPRISE SOURCE TO PAY) IMPLEMENTATION	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							YES
Capital	**INFORMATION TECHNOLOGY**	**SubTotal PROJECT AND PORTFOLIO MGMT SYSTEM - CONSTRUCTION - ES2P (ENTERPRISE SOURCE TO PAY) IMPLEMENTATION**				**Yes**	**NO**	NO								YES
Capital	INFORMATION TECHNOLOGY	RAMP - ADVANCED METER HEADEND AND METER DATA MANAGEMENT SYSTEM NEXT-GENERATION (ACLARAONE)	Foundational Technology Systems	Gas Operations Systems Resiliency	Overall	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	Over (O)	Proceeding as Planned	NO
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - ADVANCED METER HEADEND AND METER DATA MANAGEMENT SYSTEM NEXT-GENERATION (ACLARAONE)**				**Yes**	**YES**	**NO**								**NO**
Capital	INFORMATION TECHNOLOGY	RAMP - APPLICATION MONITORING REFRESH	Foundational Technology Systems	Monitoring Systems and Services	Overall	No	YES	YES	YES	Due to the scope of the project changing from 50 servers to the Cloud, no hardware needed to be purchased resulting in lower than forecasted costs.	Due to the scope of the project changing from 50 servers to the Cloud, no hardware needed to be purchased.	Under (U)	On Target (T)	Under (U)	Other	NO
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - APPLICATION MONITORING REFRESH**				**Yes**	**YES**	**YES**								**NO**
Capital	INFORMATION TECHNOLOGY	RAMP - ASSET INVESTMENT PLANNING AND MANAGEMENT - PHASE 3 FACILITIES	Asset and Records Management	Asset Investment Planning (AIP) Tool	Overall	No	YES	YES	NO	The cost is higher than authorized in 2024 due to revisions in the project scope. Initially, Transmission was in scope for 2023 and Facilities for 2024. However, delays in 2023 implementing the automations, resulted in Transmission being moved to 2024.	N/A	On Target (T)	On Target (T)	Over (O)	Expanded	NO
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - ASSET INVESTMENT PLANNING AND MANAGEMENT - PHASE 3 FACILITIES**				**Yes**	**YES**	**YES**								**NO**
Capital	INFORMATION TECHNOLOGY	RAMP - CLOUD FOUNDATION	Foundational Technology Systems	IT Service Continuity	Overall	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - CLOUD FOUNDATION**				**Yes**	**YES**	**NO**								**NO**
Capital	INFORMATION TECHNOLOGY	RAMP - COMPUTE INFRASTRUCTURE REFRESH 2024	Foundational Technology Systems	Datacenter Modernization	Overall	No	YES	YES	NO	The 2024 costs exceed the authorized amount due to the acceleration of planned 2025 activities in response to the urgent need to replace end-of-life technology. These systems, no longer supported by the manufacturer, present increasing risks to security and operational continuity. Advancing the timeline allowed for the timely deployment of more reliable, secure, and integrated solutions.	N/A	Over (O)	Over (O)	Over (O)	Proceeding as Planned	NO
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - COMPUTE INFRASTRUCTURE REFRESH 2024**				**Yes**	**YES**	**YES**								**NO**
Capital	INFORMATION TECHNOLOGY	RAMP - CUSTOMER CONTACT CENTER (CCC) TECHNOLOGY MODERNIZATION	Foundational Technology Systems	Network & Voice System Resiliency	Overall	No	YES	YES	NO	Variance is due to schedule delay due to vendor and resource constraints, resulting in the majority of spending shifting from 2023 to 2024.	N/A	On Target (T)	Under (U)	Over (O)	Completed	NO
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - CUSTOMER CONTACT CENTER (CCC) TECHNOLOGY MODERNIZATION**				**Yes**	**YES**	**YES**								**NO**
Capital	INFORMATION TECHNOLOGY	RAMP - DECISION ANALYTICS AND AUTOMATION	Foundational Technology Systems	Gas Operations Systems Resiliency	Overall	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	Over (O)	Completed	NO
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - DECISION ANALYTICS AND AUTOMATION**				**Yes**	**YES**	**NO**								**NO**
Capital	INFORMATION TECHNOLOGY	RAMP - DIGITAL INTEGRATION	Foundational Technology Systems	Gas Operations Systems Resiliency	Overall	No	YES	YES	NO	The cost is higher than authorized in 2024 due to revisions to the scope of the project, the complexity of the solution, and delays from the vendor, resulting in longer testing cycles. SoCalGas intends to manage this program over the entire TY	N/A	Over (O)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - DIGITAL INTEGRATION**				**Yes**	**YES**	**YES**								**NO**
Capital	INFORMATION TECHNOLOGY	RAMP - ELECTRONIC LEAK SURVEY - PIPELINE PATROL	Foundational Technology Systems	Gas Operations Systems Resiliency	Overall	No	YES	NO	YES	N/A	The device rollout plan was changed due to the need to focus on stabilizing the base application functionality. SoCalGas intends to manage the revised scope over the	On Target (T)	On Target (T)	Under (U)	Proceeding as Planned	NO
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - ELECTRONIC LEAK SURVEY - PIPELINE PATROL**				**Yes**	**YES**	**NO**								**NO**
Capital	INFORMATION TECHNOLOGY	RAMP - ELECTRONIC LEAK SURVEY - SPECIAL LEAK SURVEY AND ABNORMAL OPERATING CONDITIONS (AOC)	Foundational Technology Systems	Gas Operations Systems Resiliency	Overall	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	Over (O)	Completed	NO
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - ELECTRONIC LEAK SURVEY - SPECIAL LEAK SURVEY AND ABNORMAL OPERATING CONDITIONS (AOC)**				**Yes**	**YES**	**NO**								**NO**
Capital	INFORMATION TECHNOLOGY	RAMP - ELECTRONIC LEAK SURVEY - TRANSMISSION SURVEY AND PATROL	Foundational Technology Systems	Gas Operations Systems Resiliency	Overall	No	YES	NO	YES	N/A	This phase of the project was deferred due to the organization utilizing a different interim solution.	Under (U)	Under (U)	Under (U)	Deferred	NO
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - ELECTRONIC LEAK SURVEY - TRANSMISSION SURVEY AND PATROL**				**Yes**	**YES**	**NO**								**YES**
Capital	INFORMATION TECHNOLOGY	RAMP - EMERGENCY RESPONSE COMMAND CENTER ENHANCEMENT	Foundational Technology Systems	Network & Voice System Resiliency	Overall	No	YES	NO	NO	N/A	N/A	Under (U)	Under (U)	Under (U)	Cancelled	NO
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - EMERGENCY RESPONSE COMMAND CENTER ENHANCEMENT**				**Yes**	**YES**	**NO**								**YES**
Capital	INFORMATION TECHNOLOGY	RAMP - ENERGY TRANSITION DIGITAL TWIN	Foundational Technology Systems	Gas Operations Systems Resiliency	Overall	No	YES	NO	NO	N/A	N/A	Over (O)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - ENERGY TRANSITION DIGITAL TWIN**				**Yes**	**YES**	**NO**								**NO**
Capital	INFORMATION TECHNOLOGY	RAMP - ENVIRONMENTAL HEALTH AND SAFETY MANAGEMENT MODERNIZATION PHASE 2	Foundational Technology Systems	Gas Operations Systems Resiliency	Overall	No	YES	NO	YES	N/A	The timing was delayed due to resource constraints and their availability given various efforts/needs. The enhancements completed in 2024 are for 9 applications. SoCalGas intends to manage this program over the entire	On Target (T)	On Target (T)	Under (U)	Proceeding as Planned	NO
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - ENVIRONMENTAL HEALTH AND SAFETY MANAGEMENT MODERNIZATION PHASE 2**				**Yes**	**YES**	**NO**								**NO**

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Capital	INFORMATION TECHNOLOGY	RAMP - GAS MATERIALS QA/QC, FIELD MANAGEMENT AND TRACEABILITY	Foundational Technology Systems	Gas Operations Systems Resiliency	Overall	No	YES	NO	YES	N/A	The units are lower than authorized in 2024 by 40 enhancements as the enhancements were accelerated and completed in 2023.	On Target (T)	On Target (T)	Under (U)	Completed	NO
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - GAS MATERIALS QA/QC, FIELD MANAGEMENT AND TRACEABILITY**				**Yes**	**YES**	**NO**								**NO**
Capital	INFORMATION TECHNOLOGY	RAMP - GIS PORTAL AND MOBILITY ENHANCEMENTS	Foundational Technology Systems	Gas Operations Systems Resiliency	Overall	No	YES	NO	YES	N/A	The units are lower than authorized in 2024 by 50 enhancements as the enhancements were completed in 2023.	On Target (T)	On Target (T)	Under (U)	Completed	NO
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - GIS PORTAL AND MOBILITY ENHANCEMENTS**				**Yes**	**YES**	**NO**								**NO**
Capital	INFORMATION TECHNOLOGY	RAMP - IDENTITY AND ACCESS MANAGEMENT (IAM) CLOUD	Foundational Technology Systems	Cloud Resiliency Services	Overall	No	YES	YES	NO	The cost is lower than authorized in 2024 due to timing of implementation. Servers and data centers need to be expanded prior to Identity and Access Management cloud solution. SoCalGas intends to manage this activity over the entire TY 2024 GRC Cycle.	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - IDENTITY AND ACCESS MANAGEMENT (IAM) CLOUD**				**Yes**	**YES**	**YES**								**NO**
Capital	INFORMATION TECHNOLOGY	RAMP - INFRASTRUCTURE MONITORING IMPLEMENTATION	Foundational Technology Systems	Monitoring Systems and Services	Overall	No	YES	YES	NO	The cost is higher than authorized in 2024 due to the expanded scope. The expanded scope includes renewing fire infrastructure monitoring system, which was not anticipated at time of 2024 GRC application. The Splunk system identifies and mitigates issues proactively, keeping applications continually available by minimizing downtime and maximizing operational performance.	N/A	Over (O)	Over (O)	Over (O)	Completed	NO
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - INFRASTRUCTURE MONITORING IMPLEMENTATION**				**Yes**	**YES**	**YES**								**NO**
Capital	INFORMATION TECHNOLOGY	RAMP - LOCAL AREA NETWORK UPGRADE	Foundational Technology Systems	Network & Voice System Resiliency	Overall	No	YES	YES	YES	The cost is lower than authorized in 2024 due to a change in the schedule. The change is to postpone to 2025 by replacing 126 remaining Sites of the existing Local Area Network (LAN) equipment, including switches and Wireless Access Points (WAPs). The postponement aligns with the overall IT priorities. The project will also replace end-of-support battery backup systems at remote sites. The work includes new cabling, power, and WAPs for better site coverage.	The units are lower than authorized in 2024 due to a change in the schedule. The change is to postpone to 2025 by replacing 126 remaining Sites of the existing Local Area Network (LAN) equipment, including switches and Wireless Access Points (WAPs). The postponement aligns with the overall IT priorities. The project will also replace end-of-support battery backup systems at remote sites. The work includes new cabling, power, and WAPs for better site coverage.	On Target (T)	Under (U)	Under (U)	Proceeding as Planned	NO
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - LOCAL AREA NETWORK UPGRADE**				**Yes**	**YES**	**YES**								**NO**
Capital	INFORMATION TECHNOLOGY	RAMP - NETWORK ATTACHED STORAGE CYBER VAULT CAPACITY EXPANSION 2024	Foundational Technology Systems	Datacenter Modernization	Overall	No	YES	YES	NO	The variance is due to expanded scope to add storage capacity to the data centers to allow other IT projects to move forward.	N/A	Over (O)	On Target (T)	Over (O)	Expanded	NO
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - NETWORK ATTACHED STORAGE CYBER VAULT CAPACITY EXPANSION 2024**				**Yes**	**YES**	**YES**								**NO**
Capital	INFORMATION TECHNOLOGY	RAMP - NEW BUSINESS MANAGEMENT SYSTEM (NBMS) REPLACEMENT	Foundational Technology Systems	Gas Operations Systems Resiliency	Overall	No	YES	NO	YES	N/A	The licensing of the New Business Management System Replacement project was delayed to 2025 due to a longer-than-expected procurement process. SoCalGas intends to manage this program over the entire TY 2024 GRC Cycle.	On Target (T)	Under (U)	On Target (T)	Proceeding as Planned	YES
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - NEW BUSINESS MANAGEMENT SYSTEM (NBMS) REPLACEMENT**				**Yes**	**YES**	**NO**								**YES**
Capital	INFORMATION TECHNOLOGY	RAMP - NOGGIN 2.0 CORE IMPLEMENTATION	Foundational Technology Systems	Emergency Operations Center (EOC) Technology Resiliency	Overall	No	YES	NO	YES	N/A	The project has been delayed from 2024 to 2025 to accommodate ongoing annual maintenance, thus the units are low er than forecasted. The Noggin Phase 3 project will implement and configure a newer version of the vendor's cloud software, which provides enhanced performance and includes new modules such as the business continuity and crisis management module.	Under (U)	Under (U)	Under (U)	Proceeding as Planned	YES
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - NOGGIN 2.0 CORE IMPLEMENTATION**				**Yes**	**YES**	**NO**								**YES**

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Capital	INFORMATION TECHNOLOGY	RAMP - PACER WORKFORCE MANAGEMENT REPLACEMENT PROJECT	Foundational Technology Systems	Gas Operations Systems Resiliency	Overall	No	YES	YES	NO	The cost is higher than authorized in 2024 due to a change in the scope. The change was to postpone the retirement of the Frameworkfs 10-year-old legacy Portable Automated Centralized Electronic Retrieval (PACER) Workforce management mainframe from 2023 to 2024. The scope's revision did not impact the overall project, only the year of 2024, shifting the spend from 2023 to 2024. The overall program metrics were met, including the implementation of the applications.	N/A	On Target (T)	On Target (T)	On Target (T)	Completed	NO
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - PACER WORKFORCE MANAGEMENT REPLACEMENT PROJECT**				Yes	**YES**	**YES**								**NO**
Capital	INFORMATION TECHNOLOGY	RAMP - PROJECT AND PORTFOLIO MANAGEMENT SYSTEM - CONSTRUCTION - PHASE 1	Foundational Technology Systems	Gas Operations Systems Resiliency	Overall	No	YES	NO	YES	N/A	The units are higher than authorized in 2024 due to an increase of 5 subtransations, to meet program delivery for large construction programs, impacting the implementation of a central Project and Portfolio Management System, resulting in additional cost.	On Target (T)	On Target (T)	Over (O)	Proceeding as Planned	NO
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - PROJECT AND PORTFOLIO MANAGEMENT SYSTEM - CONSTRUCTION - PHASE 1**				Yes	**YES**	**NO**								**NO**
Capital	INFORMATION TECHNOLOGY	RAMP - PROJECT AND PORTFOLIO MANAGEMENT SYSTEM - STORAGE	Foundational Technology Systems	Gas Operations Systems Resiliency	Overall	No	YES	YES	YES	The Project and Portfolio Management System was structured in three phases: Construction, Storage, and Transmission. Phase 1 was completed and Phase 2 and 3 were paused. Following further assessment, Phases 2 and 3 have been placed on hold due to potential overlap with initiatives under evaluation in the Work Management Program: Next Generation Field Service Delivery. While overlap has not been definitively confirmed, this precautionary alignment supports program coherence and avoids potential duplication of effort, ensuring responsible resource use.	The Project and Portfolio Management System was structured in three phases: Construction, Storage, and Transmission. Phase 1 was completed and Phase 2 and 3 were paused. Following further assessment, Phases 2 and 3 have been placed on hold due to potential overlap with initiatives under evaluation in the Work Management Program: Next Generation Field Service Delivery. While overlap has not been definitively confirmed, this precautionary alignment supports program coherence and avoids potential duplication of effort, ensuring responsible resource use.	Under (U)	Under (U)	Under (U)	Deferred	NO
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - PROJECT AND PORTFOLIO MANAGEMENT SYSTEM - STORAGE**				Yes	**YES**	**YES**								**YES**
Capital	INFORMATION TECHNOLOGY	RAMP - PROJECT AND PORTFOLIO MANAGEMENT SYSTEM - TRANSMISSION	Foundational Technology Systems	Gas Operations Systems Resiliency	Overall	No	YES	YES	YES	The Project and Portfolio Management System was structured in three phases: Construction, Storage, and Transmission. Phase 1 was completed. Following further assessment, Phases 2 and 3 have been placed on hold due to potential overlap with initiatives under evaluation in the Work Management Program: Next Generation Field Service Delivery. While overlap has not been definitively confirmed, this precautionary alignment supports program coherence and avoids potential duplication of effort, ensuring	The Project and Portfolio Management System was structured in three phases: Construction, Storage, and Transmission. Phase 1 was completed. Following further assessment, Phases 2 and 3 have been placed on hold due to potential overlap with initiatives under evaluation in the Work Management Program: Next Generation Field Service Delivery. While overlap has not been definitively confirmed, this precautionary alignment supports program coherence and avoids potential duplication of effort, ensuring	Under (U)	Under (U)	Under (U)	Deferred	NO
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - PROJECT AND PORTFOLIO MANAGEMENT SYSTEM - TRANSMISSION**				Yes	**YES**	**YES**								**YES**
Capital	INFORMATION TECHNOLOGY	RAMP - RECORDS AND DOCUMENT MANAGEMENT SYSTEM (RDMS) PHASE V 2022 - 2026	Asset and Records Management	Information Management Systems	Overall	No	YES	YES	NO	The cost is lower than authorized in 2024 due to the revised project schedule. A portion of the project was shifted to 2023 due to the availability of resources and IT priorities, resulting in a portion of the costs being shifted to 2023.	N/A	Under (U)	Under (U)	Under (U)	Completed	NO
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - RECORDS AND DOCUMENT MANAGEMENT SYSTEM (RDMS) PHASE V 2022 - 2026**				Yes	**YES**	**YES**								**NO**
Capital	INFORMATION TECHNOLOGY	RAMP - RECORDS AND DOCUMENT MANAGEMENT SYSTEM (RDMS): OPENTEXT UPGRADE AND ENHANCEMENTS	Asset and Records Management	Information Management Systems	Overall	No	YES	NO	YES	N/A	The project experienced a delayed start due to the limited availability of skilled labor (IT, OpenText Architect, Developers, Integration Architect) and subject matter experts(Business Analyst, Process Designers). Despite the initial delays, SoCalGas intends to manage this program over the entire TY 2024 GRC cycle.	Under (U)	Under (U)	Under (U)	Proceeding as Planned	YES
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - RECORDS AND DOCUMENT MANAGEMENT SYSTEM (RDMS): OPENTEXT UPGRADE AND ENHANCEMENTS**				Yes	**YES**	**NO**								**YES**
Capital	INFORMATION TECHNOLOGY	RAMP - RECOVERY VAULT EXPANSION 2024	Foundational Technology Systems	Datacenter Modernization	Overall	No	YES	NO	YES	N/A	The project is no longer anticipated to be performed because resources were reallocated to higher priority and emergent projects/activities in Infrastructure such as Network Attached Storage.	Under (U)	Under (U)	Under (U)	Cancelled	NO
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - RECOVERY VAULT EXPANSION 2024**				Yes	**YES**	**NO**								**YES**

SoCalGas INFORMATION TECHNOLOGY Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Safety, Reliability, or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status	Status Variance Explanation Required?
Capital	INFORMATION TECHNOLOGY	RAMP - SUPERVISORY CONTROL AND DATA ACQUISITION NETWORK REFRESH PROJECT	Foundational Technology Systems	Network & Voice System Resiliency	Overall	No	YES	NO	YES	N/A	This project was canceled, thus the units are lower than forecasted. The project is no longer anticipated to be performed in the Supervisory Control and Data Acquisition Network Refresh Project because the scope was absorbed into the Network Infrastructure Extension.	Under (U)	Under (U)	Under (U)	Canceled	NO
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - SUPERVISORY CONTROL AND DATA ACQUISITION NETWORK REFRESH PROJECT**				**Yes**	**YES**	**NO**								**YES**
Capital	INFORMATION TECHNOLOGY	RAMP - WIDE AREA NETWORK (WAN) AND PRIVATE NETWORK REFRESH	Foundational Technology Systems	Network & Voice System Resiliency	Overall	No	YES	YES	YES	Variance due to work being canceled due to a combined scope that was absorbed into Network Infrastructure Extension.	This project was canceled, thus the units are low er than forecasted. Canceled due to a combined scope being absorbed into the Network Infrastructure Extension.	Under (U)	Under (U)	Under (U)	Canceled	NO
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - WIDE AREA NETWORK (WAN) AND PRIVATE NETWORK REFRESH**				**Yes**	**YES**	**YES**								**YES**
Capital	INFORMATION TECHNOLOGY	RAMP - WORK MANAGEMENT PROGRAM NEXT GENERATION FIELD SERVICE DELIVERY (FSD)	Foundational Technology Systems	Gas Operations Systems Resiliency	Overall	No	YES	NO	NO	N/A	N/A	Over (O)	Over (O)	Over (O)	Proceeding as Planned	NO
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - WORK MANAGEMENT PROGRAM NEXT GENERATION FIELD SERVICE DELIVERY (FSD)**				**Yes**	**YES**	**NO**								**NO**
Capital	INFORMATION TECHNOLOGY	ROUTINE SMALL CAP 2022-2024	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	Under (U)	Under (U)	Under (U)	Proceeding as Planned	NO
Capital	**INFORMATION TECHNOLOGY**	**SubTotal ROUTINE SMALL CAP 2022-2024**				**Yes**	**YES**	**NO**								**NO**
Capital	INFORMATION TECHNOLOGY	SAP S4/HANA - BUSINESS OPTIMIZATION	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	N/A	N/A							N/A
Capital	**INFORMATION TECHNOLOGY**	**SubTotal SAP S4/HANA - BUSINESS OPTIMIZATION**				**Yes**	**NO**									
Capital	INFORMATION TECHNOLOGY	SAP TRANSFORMATION	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	YES	NO	The variance is due to longer than forecasted procurement process for System Integrator and Business Integrator vendor selections. The original forecast included the project initiation and project delivery for 2024. The 2024 executed activities included the evaluation of impacted systems and interfaces, impact assessment of custom developed solutions, and validation of cloud options to mitigate risks in project delivery. SoCalGas intends to manage the Phase 1 of the program over the entire TY 2024 GRC cycle.	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	**INFORMATION TECHNOLOGY**	**SubTotal SAP TRANSFORMATION**				**Yes**	**YES**	**YES**								**NO**
Capital	INFORMATION TECHNOLOGY	SERVICENOW SERVICE MAPPING	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	YES	YES	The cost is higher than authorized in 2024 due to an expanded scope. This scope involved replatforming ServiceNow to ServiceNow Pro, enhancing functionality and automation. Additionally, 903 licenses were purchased to support various departments, including Software & Hardware Access Management, Strategic Portfolio Management, and Enterprise Architecture; the implementation is expected to be completed from 2025 to 2027.	The units are higher than authorized in 2024 due to an expanded scope. This scope involved replatforming ServiceNow to ServiceNow Pro, enhancing functionality and automation. Additionally, 903 licenses were purchased to support various departments, including Software & Hardware Access Management, Strategic Portfolio Management, and Enterprise Architecture.	Over (O)	On Target (T)	Over (O)	Expanded	NO
Capital	**INFORMATION TECHNOLOGY**	**SubTotal SERVICENOW SERVICE MAPPING**				**Yes**	**YES**	**YES**								**NO**
Capital	INFORMATION TECHNOLOGY	SUPPLIER RISK MANAGEMENT (SRM)	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Completed	NO
Capital	**INFORMATION TECHNOLOGY**	**SubTotal SUPPLIER RISK MANAGEMENT (SRM)**				**Yes**	**YES**	**NO**								**NO**
Capital	INFORMATION TECHNOLOGY	RAMP - AVEVA AND AUTOCAD ENHANCEMENTS - PHASE 2	Foundational Technology Systems	Gas Operations Systems Resiliency	N/A	No	YES	YES	YES	The cost is higher than authorized in 2024 due to the expanded scope. The expanded scope includes AVEVA licenses which were purchased for new functionality and software modules.	The units are higher than authorized in 2024 due to the expanded scope. The expanded scope includes 50 additional AVEVA licenses due to additional users.	On Target (T)	On Target (T)	On Target (T)	Completed	NO
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - AVEVA AND AUTOCAD ENHANCEMENTS - PHASE 2**				**Yes**	**YES**	**YES**								**NO**
Capital	INFORMATION TECHNOLOGY	RAMP - COMPUTE CAPACITY EXPANSION 2023	Foundational Technology Systems	Datacenter Modernization	N/A	No	YES	YES	YES	Those upgrades were planned to be completed in 2023. The cost is higher than authorized in 2024 due to an expanded project scope, which increased IT infrastructure capacity of 30 vxRack to replace end-of-life technology with more reliable, secure, and integrated solutions. These upgrades included the refresh of compute hardware, increased capacity for compute, and Mainframe improvements, ensuring enhanced capability, usability, and overall system reliability.	The units are higher than authorized in 2024 due to expanded projects, which increased the IT infrastructure capacity of 30 vxRack to replace end-of-life technology with more reliable, secure, and integrated solutions. These upgrades were planned to be completed in 2023. The plan enhanced capability and usability, including upgrading and replacing computing infrastructure, increased capacity, and Mainframe improvements.	Over (O)	Over (O)	Over (O)	Expanded	NO
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - COMPUTE CAPACITY EXPANSION 2023**				**Yes**	**YES**	**YES**								**NO**
Capital	INFORMATION TECHNOLOGY	RAMP - DIGITAL WORKSPACE	Foundational Technology Systems	End User Access and Supporting Services	N/A	No	YES	YES	YES	This project was anticipated to be completed in 2022. The 2024 variance is due to the expanded scope which included purchasing an additional 7,000 devices, including software, cell phones, desktops, laptops, and docking stations for additional business unit replacements and	This project was anticipated to be completed in 2023. The 2024 variance is due to the expanded scope which included purchasing an additional 7,000 devices, including software, cell phones, desktops, laptops, and docking stations for additional business unit replacements and	Over (O)	Over (O)	Over (O)	Expanded	NO
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - DIGITAL WORKSPACE**				**Yes**	**YES**	**YES**								**NO**
Capital	**INFORMATION TECHNOLOGY**	**SubTotal**				**Yes**		**NO**								**NO**

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Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Safety, Reliability, or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status	Status Variance Explanation Required?
Capital	INFORMATION TECHNOLOGY	RAMP - WORK MANAGEMENT AND SAFETY AND REGULATORY 2022-2023	Foundational Technology Systems	Gas Operations Systems Resiliency	N/A	No	YES	YES	YES	The cost is higher than authorized in 2024 due to an additional 125 enhancements related to safety, regulatory, and compliance. This project was anticipated to be completed in 2023 in the TY 2024 GRC.	The units are higher than authorized in 2024 due to an additional 125 enhancements related to safety, regulatory, and compliance. This project was anticipated to be completed in 2023 in the TY 2024 GRC.	Over (O)	Over (O)	Over (O)	Expanded	NO
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - WORK MANAGEMENT AND SAFETY AND REGULATORY 2022-2023**				**Yes**	**YES**	**YES**								**NO**

SoCalGas INFORMATION TECHNOLOGY Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Status Variance Explanation	WP Activity Description	2024 GRC Testimony Location
Capital	**INFORMATION TECHNOLOGY**	**INFORMATION TECHNOLOGY**				**Yes**			
Capital	INFORMATION TECHNOLOGY	ADVANCED METER DATA COLLECTOR UNIT HARDWARE REFRESH	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
Capital	**INFORMATION TECHNOLOGY**	**SubTotal ADVANCED METER DATA COLLECTOR UNIT HARDWARE REFRESH**				**Yes**			
Capital	INFORMATION TECHNOLOGY	APP MODERNIZATION AND VULNERABILITY REDUCTION PHASE II	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
Capital	**INFORMATION TECHNOLOGY**	**SubTotal APP MODERNIZATION AND VULNERABILITY REDUCTION PHASE II**				**Yes**			
Capital	INFORMATION TECHNOLOGY	BUSINESS ADAPTATION TECH AND DIGITALIZATION	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
Capital	**INFORMATION TECHNOLOGY**	**SubTotal BUSINESS ADAPTATION TECH AND DIGITALIZATION**				**Yes**			
Capital	INFORMATION TECHNOLOGY	CENTRALIZED CUSTOMER DATA MANAGEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
Capital	**INFORMATION TECHNOLOGY**	**SubTotal CENTRALIZED CUSTOMER DATA MANAGEMENT**				**Yes**			
Capital	INFORMATION TECHNOLOGY	CQMX REPLACEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No			
Capital	**INFORMATION TECHNOLOGY**	**SubTotal CQMX REPLACEMENT**				**Yes**			
Capital	INFORMATION TECHNOLOGY	CUSTOMER SERVICES - A	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A	This project replaces end of support CQMX software with a new solution. CQMX is software utilized by Data Distribution to prepare mail per USPS standards to obtain postage discounts annually that will be out of support	SCG-15-R-2E IBMS- 55 to IBMS-56 CWP 00761.
Capital	**INFORMATION TECHNOLOGY**	**SubTotal CUSTOMER SERVICES - A**				**Yes**			
Capital	INFORMATION TECHNOLOGY	CUSTOMER SERVICES - B	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A	Emergent Activities included: Replacing 20-year old IBML scanners that are no longer supported by the vendor; updating the meter transmission units (MTUs) to eliminate alarms; simplify and rearchitect the ENVOY Application; develop a dedicated billing calculation and bill line-item for customers participating in the new RNG tariff; Customer Experience Phase 6 continues to implement self-service enhancements that safeguards customer accounts and data from evolving cybersecurity threats; and implementing the changes required by the 2024 Cost Allocation Proceeding. 754D (SID11) - The project enhances business processes and systems functions for residential gas customers to comply with the regulatory mandates. 754K (GMAS) - This project implements a solution leveraging a Meter Data Management System (MDMS) package that replaces the Measurement Collection System. 755D (Project Monaco) - SoCalGas's bank solution is changing. With this change, SoCalGas Customer Services banking functions, including general integrations with SoCalGas Customer Information System (CIS), My Account and Branch Office Payment Entry Processing (PEP) will need to be updated to continue daily operations.	SCG-15-R-E IBMS-46 to IBMS-56 CWP 00754D, 00754K, 00755D
Capital	**INFORMATION TECHNOLOGY**	**SubTotal CUSTOMER SERVICES - B**				**Yes**			
Capital	INFORMATION TECHNOLOGY	DIGITAL PROCESS AUTOMATION	Non-RAMP	Non-RAMP	Non-RAMP	No			
Capital	**INFORMATION TECHNOLOGY**	**SubTotal DIGITAL PROCESS AUTOMATION**				**Yes**			
Capital	INFORMATION TECHNOLOGY	ELECTRONIC DATA INTERFACE EXCHANGE - WEB METHODS MODERNIZATION	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
Capital	**INFORMATION TECHNOLOGY**	**SubTotal ELECTRONIC DATA INTERFACE EXCHANGE - WEB METHODS MODERNIZATION**				**Yes**			
Capital	INFORMATION TECHNOLOGY	ENTERPRISE SOURCE TO PAY (ES2P) ANALYTICS SOLUTION	Non-RAMP	Non-RAMP	Non-RAMP	No			
Capital	**INFORMATION TECHNOLOGY**	**SubTotal ENTERPRISE SOURCE TO PAY (ES2P) ANALYTICS SOLUTION**				**Yes**			
Capital	INFORMATION TECHNOLOGY	ENTERPRISE SOURCE TO PAY (ES2P) VALUE STREAM	Non-RAMP	Non-RAMP	Non-RAMP	No			
Capital	**INFORMATION TECHNOLOGY**	**SubTotal ENTERPRISE SOURCE TO PAY (ES2P) VALUE STREAM**				**Yes**			
Capital	INFORMATION TECHNOLOGY	FINANCIAL RISK MANAGEMENT - RISK BASED DECISION MAKING	Non-RAMP	Non-RAMP	Non-RAMP	No			
Capital	**INFORMATION TECHNOLOGY**	**SubTotal FINANCIAL RISK MANAGEMENT - RISK BASED DECISION MAKING**				**Yes**			
Capital	INFORMATION TECHNOLOGY	FOUNDATIONS ANALYTICS SERVICE	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A	This project started in 2021 and provides a centralized data foundation for business self-service analytics and a common dictionary across the Company. The project builds a solid data foundation and provides analytics services in visualization and advanced analytics. The functional areas of focus are Customer Services, Gas Operations and Engineering, Fleet, Environmental, Safety, Support Services and Supply Management. This project builds the data foundation to support reporting needed for safety and compliance	SCG-21-R-E WJE-59 to WJE-60 CWP 00760T
Capital	**INFORMATION TECHNOLOGY**	**SubTotal FOUNDATIONS ANALYTICS SERVICE**				**Yes**			
Capital	INFORMATION TECHNOLOGY	HR AND CORPORATE CENTER DATA AND APPLICATION MODERNIZATION	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
Capital	**INFORMATION TECHNOLOGY**	**SubTotal HR AND CORPORATE CENTER DATA AND APPLICATION MODERNIZATION**				**Yes**			
Capital	INFORMATION TECHNOLOGY	HR EMPLOYEE LIFECYCLE	Non-RAMP	Non-RAMP	Non-RAMP	No	The HR Employee Lifecycle project was completed in 2023 instead of 2024, as originally forecasted. Resource availability permitted project acceleration.	This project analyzes the Employee Lifecycle from onboarding to offboarding. It identifies solutions to minimize manual processes while improving user experience and automate confirmation of de-provisioning of access. This project addresses both companies and includes additional enhancements to existing platforms.	SCG-28-R-E AMN-39 CWP 00760K
Capital	**INFORMATION TECHNOLOGY**	**SubTotal HR EMPLOYEE LIFECYCLE**				**Yes**			
Capital	INFORMATION TECHNOLOGY	HR WORKFORCE PLANNING TOOL	Non-RAMP	Non-RAMP	Non-RAMP	No			
Capital	**INFORMATION TECHNOLOGY**	**SubTotal HR WORKFORCE PLANNING TOOL**				**Yes**			
Capital	INFORMATION TECHNOLOGY	IT - ENTERPRISE - APPLICATION - A	Non-RAMP	Non-RAMP	Non-RAMP	No			
Capital	**INFORMATION TECHNOLOGY**	**SubTotal IT - ENTERPRISE - APPLICATION - A**				**Yes**			
Capital	INFORMATION TECHNOLOGY	SAP RISE SAAS SUBSCRIPTIONS	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A	To purchase SaaS subscription at the IT Enterprise level for SAP RISE to provide a single contract for cloud infrastructure, software, and services.	N/A
Capital	**INFORMATION TECHNOLOGY**	**SubTotal SAP RISE SAAS SUBSCRIPTIONS**				**Yes**			
Capital	INFORMATION TECHNOLOGY	EMPLOYEE CARE SERVICES WORKERS COMP REFRESH	Non-RAMP	Non-RAMP	Non-RAMP	No			
Capital	**INFORMATION TECHNOLOGY**	**SubTotal EMPLOYEE CARE SERVICES WORKERS COMP REFRESH**				**Yes**			
Capital	INFORMATION TECHNOLOGY	VISTA CIS	Non-RAMP	Non-RAMP	Non-RAMP	No			
Capital	**INFORMATION TECHNOLOGY**	**SubTotal VISTA CIS**				**Yes**			
Capital	INFORMATION TECHNOLOGY	POWERPLAN UPGRADE OPTIMIZATION	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A	The current version of PowerPlan will not be supported after 2024 and an upgrade will be required. As part of the upgrade, the project will be optimizing the technology and related processes for Plant Accounting and Asset management for SCG and SDGE. Optimization efforts will also utilize standard functionality within PowerPlan and allow for the removal of some customization.	N/A

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Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Status Variance Explanation	WP Activity Description	2024 GRC Testimony Location
Capital	**INFORMATION TECHNOLOGY**	**SubTotal POWERPLAN UPGRADE OPTIMIZATION**				**Yes**			
Capital	INFORMATION TECHNOLOGY	MAJOR MARKET TO CLOUD (M2C) - BILLING VIEWER	Non-RAMP	Non-RAMP	Non-RAMP	No	The Major Market to Cloud project was completed in 2022 instead of 2024 as forecasted, due to resource availability, which permitted project acceleration.	This project started in 2021. It is part of a multi-phase project and this phase pertains to the Bill Viewer migration to Cloud. It also provides cross browser capacity for Customer Contract System (CCS) and Core Aggregator Transportation (CAT) applications.	SCG-15-R-E IBMS-53-IBMS-54 CWP 00754M
Capital	**INFORMATION TECHNOLOGY**	**SubTotal MAJOR MARKET TO CLOUD (M2C) - BILLING VIEWER**				**Yes**			
Capital	INFORMATION TECHNOLOGY	PROJECT AND PORTFOLIO MGMT SYSTEM - CONSTRUCTION - ES2P (ENTERPRISE SOURCE TO PAY) IMPLEMENTATION	Non-RAMP	Non-RAMP	Non-RAMP	No			
Capital	**INFORMATION TECHNOLOGY**	**SubTotal PROJECT AND PORTFOLIO MGMT SYSTEM - CONSTRUCTION - ES2P (ENTERPRISE SOURCE TO PAY) IMPLEMENTATION**				**Yes**			
Capital	INFORMATION TECHNOLOGY	RAMP - ADVANCED METER HEADEND AND METER DATA MANAGEMENT SYSTEM NEXT-GENERATION (ACLARAONE)	Foundational Technology Systems	Gas Operations Systems Resiliency	Overall	No	N/A		
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - ADVANCED METER HEADEND AND METER DATA MANAGEMENT SYSTEM NEXT-GENERATION (ACLARAONE)**				**Yes**			
Capital	INFORMATION TECHNOLOGY	RAMP - APPLICATION MONITORING REFRESH	Foundational Technology Systems	Monitoring Systems and Services	Overall	No	This project scope has changed from onsite servers to the Cloud.	This project started in 2020. This project replaces end of support hardware and storage related to infrastructure and application monitoring to retain data for a longer period of time and improve IT operational efficiency by performing software upgrades.	SCG-21-R-E WIE-28 to WIE-29 CWP 00721AJ
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - APPLICATION MONITORING REFRESH**				**Yes**			
Capital	INFORMATION TECHNOLOGY	RAMP - ASSET INVESTMENT PLANNING AND MANAGEMENT - PHASE 3 FACILITIES	Asset and Records Management	Asset Investment Planning (AIP) Tool	Overall	No	N/A	SoCalGas performs prioritization of asset related projects manually using spreadsheet and input from SMEs. This process has a rating system in which SMEs must score a project in multiple areas using a scale of zero to three. This scoring is not interpreted uniformly across the organization, making it very challenging to determine risk and value associated with investments. It also limits how value and risk are quantified across asset families and does not incorporate a way to determine how much time a project can be deferred based on the scoring method. SoCalGas also does not have a method to document risk or how risk was reduced by making investments. SoCalGas has multiple departments that quantify risk using different methods, which creates confusion in regulatory filings.This is a continuation of the Asset Investment Planning and Management (AIPM) program and in this phase the focus is on	SCG-05 WR-2-I CWP 00756HD
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - ASSET INVESTMENT PLANNING AND MANAGEMENT - PHASE 3 FACILITIES**				**Yes**			
Capital	INFORMATION TECHNOLOGY	RAMP - CLOUD FOUNDATION	Foundational Technology Systems	IT Service Continuity	Overall	No	N/A		
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - CLOUD FOUNDATION**				**Yes**			
Capital	INFORMATION TECHNOLOGY	RAMP - COMPUTE INFRASTRUCTURE REFRESH 2024	Foundational Technology Systems	Datacenter Modernization	Overall	No	N/A	This project refreshes the existing company infrastructure hardware to maintain supportability and reliability. As compute and storage related hardware ages, it eventually reaches its useful asset life and subsequent end of support.	SCG-21-R-E WIE-44 CWP 00721R
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - COMPUTE INFRASTRUCTURE REFRESH 2024**				**Yes**			
Capital	INFORMATION TECHNOLOGY	RAMP - CUSTOMER CONTACT CENTER (CCC) TECHNOLOGY MODERNIZATION	Foundational Technology Systems	Network & Voice System Resiliency	Overall	No	N/A	This project replaces the on-premise contact center technology platforms with a cloud solution to reduce technology complexity and improve maintainability and reliability. This provides customers resilient, reliable, cross channel services (voice, chat, email, SMS, IVR), artificial intelligence (AI), and natural language processing (NLP) enabled customer experience.	SCG-15-R-2E IBMS-48 to IBMS-49 CWP 00754V
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - CUSTOMER CONTACT CENTER (CCC) TECHNOLOGY MODERNIZATION**				**Yes**			
Capital	INFORMATION TECHNOLOGY	RAMP - DECISION ANALYTICS AND AUTOMATION	Foundational Technology Systems	Gas Operations Systems Resiliency	Overall	No	N/A		
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - DECISION ANALYTICS AND AUTOMATION**				**Yes**			
Capital	INFORMATION TECHNOLOGY	RAMP - DIGITAL INTEGRATION	Foundational Technology Systems	Gas Operations Systems Resiliency	Overall	No	N/A	This project addresses the integration of cloud-based capabilities with internal and other external systems while modernizing the security and enhancing the performance of the integration platform. This project also implements a self-service integration capability that expedites the deployment of new business solutions across the Company.	SCG-21-R-E WIE-62 CWP 00756Z
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - DIGITAL INTEGRATION**				**Yes**			
Capital	INFORMATION TECHNOLOGY	RAMP - ELECTRONIC LEAK SURVEY - PIPELINE PATROL	Foundational Technology Systems	Gas Operations Systems Resiliency	Overall	No	N/A	The Electronic Leak Survey (ELS) project aims to replace the current manual process of leak survey and Patrol using paper maps with electronic process with a mobile iPad application. The initial project phase included routine leak survey for gas distribution, this project will expand the scope to the pipeline patrol work type.	SCG-05 WR-2-I to WR-2-S CWP 00721T
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - ELECTRONIC LEAK SURVEY - PIPELINE PATROL**				**Yes**			
Capital	INFORMATION TECHNOLOGY	RAMP - ELECTRONIC LEAK SURVEY - SPECIAL LEAK SURVEY AND ABNORMAL OPERATING CONDITIONS (AOC)	Foundational Technology Systems	Gas Operations Systems Resiliency	Overall	No	N/A		
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - ELECTRONIC LEAK SURVEY - SPECIAL LEAK SURVEY AND ABNORMAL OPERATING CONDITIONS (AOC)**				**Yes**			
Capital	INFORMATION TECHNOLOGY	RAMP - ELECTRONIC LEAK SURVEY - TRANSMISSION SURVEY AND PATROL	Foundational Technology Systems	Gas Operations Systems Resiliency	Overall	No	N/A	The Electronic Leak Survey project aims to replace the current manual process of leak survey and patrol using paper maps with electronic process with a mobile iPad application for the transmission user group.	SCG-05 WR-2-S CWP 00721V
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - ELECTRONIC LEAK SURVEY - TRANSMISSION SURVEY AND PATROL**				**Yes**			
Capital	INFORMATION TECHNOLOGY	RAMP - EMERGENCY RESPONSE COMMAND CENTER ENHANCEMENT	Foundational Technology Systems	Network & Voice System Resiliency	Overall	No	N/A		
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - EMERGENCY RESPONSE COMMAND CENTER ENHANCEMENT**				**Yes**			
Capital	INFORMATION TECHNOLOGY	RAMP - ENERGY TRANSITION DIGITAL TWIN	Foundational Technology Systems	Gas Operations Systems Resiliency	Overall	No	N/A		
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - ENERGY TRANSITION DIGITAL TWIN**				**Yes**			
Capital	INFORMATION TECHNOLOGY	RAMP - ENVIRONMENTAL HEALTH AND SAFETY MANAGEMENT MODERNIZATION PHASE 2	Foundational Technology Systems	Gas Operations Systems Resiliency	Overall	No	N/A	There are multiple applications utilized by Environmental, Health and Safety with cyber security compliance challenges, technology obsolescence and redundancy. This project utilizes the Company SAP Enterprise Resource Planning (ERP) system to replace these systems to eliminate identified security risks and technical obsolescence. This project improves operational efficiency and delivers significant improvements in functionality and user satisfaction . There are multiple processes across different business units that can be consolidated onto a single enterprise platform that creates efficiencies and reduces total cost of ownership.	SCG-27-2R-E NNM-82 to CWP 00756O
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - ENVIRONMENTAL HEALTH AND SAFETY MANAGEMENT MODERNIZATION PHASE 2**				**Yes**			

SoCalGas INFORMATION TECHNOLOGY Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Status Variance Explanation	WP Activity Description	2024 GRC Testimony Location
Capital	INFORMATION TECHNOLOGY	RAMP - GAS MATERIALS QA/QC, FIELD MANAGEMENT AND TRACEABILITY	Foundational Technology Systems	Gas Operations Systems Resiliency	Overall	No	N/A	This project started in 2020. The objective of the Material Traceability initiative is to improve visibility and traceability of pipe, pipe fittings, and other pipeline materials through supply chain. It also provides the ability to centrally track these materials to the issued job and deliver mechanisms to track discrepant materials or any 'where used' lists to recall the product. Multiple phases of the Material Traceability capabilities have already been implemented thus far. Additional enhancements are required to support traceability of the materials post engineering and procurement and reconciliation of close out processes to improve Quality Assurance and Quality Control (QA/QC) processes and Field Material Management capabilities.	SCG-05 WR-26 CWP 00561
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - GAS MATERIALS QA/QC, FIELD MANAGEMENT AND TRACEABILITY**				**Yes**			
Capital	INFORMATION TECHNOLOGY	RAMP - GIS PORTAL AND MOBILITY ENHANCEMENTS	Foundational Technology Systems	Gas Operations Systems Resiliency	Overall	No	N/A	The Construction organization is responsible for delivering projects that supports the long-term safety and reliability of the companies natural gas system. The Construction organization manages hundreds of projects ranging in size from less than $1 million to more than $100 million. Today, the Construction organization uses 4+ mostly disparate tools and systems to track project data. The project continues the implementation of Gas Geographic Information System (GIS) application solutions to support operations, regulatory and compliance reporting and safety. This project is required to support and demonstrate safety and compliance with Federal and State regulations. The project focuses on software development, configuration and data model enhancements of the existing Gas GIS systems. These Gas GIS application solutions will support system wide users, compliance, safety and emergency response, and efficiency improvement project requirements.	SCG-05 WR-26 CWP 00721U
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - GIS PORTAL AND MOBILITY ENHANCEMENTS**				**Yes**			
Capital	INFORMATION TECHNOLOGY	RAMP - IDENTITY AND ACCESS MANAGEMENT (IAM) CLOUD	Foundational Technology Systems	Cloud Resiliency Services	Overall	No	N/A	The project implements an Identity and Access Management (IAM) IAM cloud solution. The IAM Cloud platform enables productivity, provides day one access for all identities in the environment, and secures identity. It also centralizes the identity lifecycle, minimizes redundant cost, supports IT wide modernization and innovation, and reduces complexities across platforms.	SCG-21-R-E WIE-31 CWP 00721AP
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - IDENTITY AND ACCESS MANAGEMENT (IAM) CLOUD**				**Yes**			
Capital	INFORMATION TECHNOLOGY	RAMP - INFRASTRUCTURE MONITORING IMPLEMENTATION	Foundational Technology Systems	Monitoring Systems and Services	Overall	No	N/A	The project will enable Infrastructure teams to have a comprehensive and holistic view of their technology stack and how it impacts business outcomes by being able to identify and correlate issues before they become major problems, keep their applications continually available by minimizing downtime and maximizing operational performance, and reduce overall IT costs. The Splunk system is due to the need to identify and mitigate issues proactively, keep applications continually available by minimizing downtime and maximizing operational performance, and improve end-user experience and customer satisfaction.	SCG-21-R-E WIE-42 CWP 00721L
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - INFRASTRUCTURE MONITORING IMPLEMENTATION**				**Yes**			
Capital	INFORMATION TECHNOLOGY	RAMP - LOCAL AREA NETWORK UPGRADE	Foundational Technology Systems	Network & Voice System Resiliency	Overall	No	N/A	This project started in 2021 and replaces the existing Local Area Network (LAN) equipment including switches and Wireless Access Points (WAP). The work includes new cabling, power, and WAPs for better site coverage. The project will also replace end of support battery backup systems at remote sites.	SCG-21-R-E WIE-48 to WIE-49 CWP 00743B
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - LOCAL AREA NETWORK UPGRADE**				**Yes**			
Capital	INFORMATION TECHNOLOGY	RAMP - NETWORK ATTACHED STORAGE CYBER VAULT CAPACITY EXPANSION 2024	Foundational Technology Systems	Datacenter Modernization	Overall	No	N/A	This project expands capacity for improved cyber security protection and implements cyber vault into cloud. The capacity of the vault needs to be expanded as data increases in Network Attached Storage (NAS).	SCG-21-R-E WIE-38 to WIE-39 CWP 00721P
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - NETWORK ATTACHED STORAGE CYBER VAULT CAPACITY EXPANSION 2024**				**Yes**			
Capital	INFORMATION TECHNOLOGY	RAMP - NEW BUSINESS MANAGEMENT SYSTEM (NBMS) REPLACEMENT	Foundational Technology Systems	Gas Operations Systems Resiliency	Overall	No	The scheduling of the New Business Management System Replacement project was delayed to 2025 due to a longer-than-expected procurement process.	This is a strategic project to modernize New Business Management System (NBMS). The application is currently hosted on the SoCalGas mainframe and will be replaced and moved to SAP cloud. The disposition of this application to newer technology aligns with the Customer Information System (CIS) replacement initiative.	SCG-05 WR-24 to WR-25 CWP 00756AU
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - NEW BUSINESS MANAGEMENT SYSTEM (NBMS) REPLACEMENT**				**Yes**			
Capital	INFORMATION TECHNOLOGY	RAMP - NOGGIN 2.0 CORE IMPLEMENTATION	Foundational Technology Systems	Emergency Operations Center (EOC) Technology Resiliency	Overall	No	The project has been delayed from 2024 to 2025 to accommodate ongoing annual maintenance.	The Noggin system phase 1, implemented in 2019, supports mission critical functions in the Emergency Operations Center (EOC) for tracking, managing, and reporting incidents. This existing SaaS solution reaches end contract in 2023 with an option for a yearly renewal. The Noggin Phase 3 project implements and configures a newer version of the vendor cloud software which offers more robust performance and newer modules such as the business continuity and crisis module.	SCG-27-2R-E NNM-80 to NNM-81 CWP 00756AX
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - NOGGIN 2.0 CORE IMPLEMENTATION**				**Yes**			

SoCalGas INFORMATION TECHNOLOGY Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Status Variance Explanation	WP Activity Description	2024 GRC Testimony Location
Capital	INFORMATION TECHNOLOGY	RAMP - PACER WORKFORCE MANAGEMENT REPLACEMENT PROJECT	Foundational Technology Systems	Gas Operations Systems Resiliency	Overall	No	N/A	This project retires CSE's 30-year-old legacy Portable Automated Centralized Electronic Retrieval (PACER) WFM mainframe and suite of custom applications and extend the cloud-based solution from IFS Cloud to support Capacity Planning, Resource Management, Order Scheduling, Appointment Booking, Order Routing and Dispatch. The new WFM solution connects into the recently deployed PACER Mobile solution for the field . Along with the technical systems work, this program works with CSF Operations to evaluate, recommend and implement key business and organizational changes that will be required to enable the delivery. The broader program includes business, technical and data readiness along with program management, organizational change management and value realization tracking.	SCG-14-R DIR-47 to DIR-48 CWP 00754AK
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - PACER WORKFORCE MANAGEMENT REPLACEMENT PROJECT**				Yes			
Capital	INFORMATION TECHNOLOGY	RAMP - PROJECT AND PORTFOLIO MANAGEMENT SYSTEM - CONSTRUCTION - PHASE 1	Foundational Technology Systems	Gas Operations Systems Resiliency	Overall	No	N/A	This project implements a central Project and Portfolio Management System (PPMS) supported by auxiliary systems that enable automation and integration, and improve project outcomes. The PPMS supports the process and deliverables outlined in the Capital Delivery Model (CDM), allows projects to be managed, tracked, and reported consistently , and allows supporting efforts to meet program delivery for large construction programs	SCG-05 WR-28 CWP 00721AA
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - PROJECT AND PORTFOLIO MANAGEMENT SYSTEM - CONSTRUCTION - PHASE 1**				Yes			
Capital	INFORMATION TECHNOLOGY	RAMP - PROJECT AND PORTFOLIO MANAGEMENT SYSTEM - STORAGE	Foundational Technology Systems	Gas Operations Systems Resiliency	Overall	No	N/A	The Company would like all gas operations business units to use the same processes and technology to manage construction type projects. To contribute towards the goal of standardizing processes and technology, the Project and Portfolio Management System (PPMS) will be extended to support the Storage organization.	SCG-05 WR-28 to WR-29 CWP 00721AE
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - PROJECT AND PORTFOLIO MANAGEMENT SYSTEM - STORAGE**				Yes			
Capital	INFORMATION TECHNOLOGY	RAMP - PROJECT AND PORTFOLIO MANAGEMENT SYSTEM - TRANSMISSION	Foundational Technology Systems	Gas Operations Systems Resiliency	Overall	No	N/A	The Company would like all gas operations business units to use the same processes and technology to manage construction type projects. To contribute towards the goal of standardizing processes and technology, the Project and Portfolio Management System (PPMS) will be extended to support the Transmission organization.	SCG-05 WR-29 CWP 00721AF
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - PROJECT AND PORTFOLIO MANAGEMENT SYSTEM - TRANSMISSION**				Yes			
Capital	INFORMATION TECHNOLOGY	RAMP - RECORDS AND DOCUMENT MANAGEMENT SYSTEM (RDMS) PHASE V 2022 - 2026	Asset and Records Management	Information Management Systems	Overall	No	N/A	This project includes enhancements to the existing Gas Operations records and document management system (RDMS) and adds new business. It provides technology capabilities for unstructured or non-database content to allow the business to manage company records effectively.	SCG-05 WR-29 CWP 00756AB
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - RECORDS AND DOCUMENT MANAGEMENT SYSTEM (RDMS) PHASE V 2022 - 2026**				Yes			
Capital	INFORMATION TECHNOLOGY	RAMP - RECORDS AND DOCUMENT MANAGEMENT SYSTEM (RDMS): OPENTEXT UPGRADE AND ENHANCEMENTS	Asset and Records Management	Information Management Systems	Overall	No	The project experienced a delayed start due to the limited availability of skilled labor (IT, OpenText Architect, Developers, Integration Architects) and subject matter experts(Business Analyst, Process Designers).	The OpenText RDMS system runs on a two-year-old software version using an Oracle database. This software version is on an older architecture with a limited resource pool for expansion modules. SoCalGas is currently operating at the maximum threshold with limited ability to architecturally expand. This project consists of an OpenText version upgrade, including database system changes, code remediation, and new business enhancements and features.	SCG-21-CWP-R WR-29 to WR-30 CWP 00756AQ
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - RECORDS AND DOCUMENT MANAGEMENT SYSTEM (RDMS): OPENTEXT UPGRADE AND ENHANCEMENTS**				Yes			
Capital	INFORMATION TECHNOLOGY	RAMP - RECOVERY VAULT EXPANSION 2024	Foundational Technology Systems	Datacenter Modernization	Overall	No	N/A	This project enables customers to share their data from multiple facilities with third-party provided software, energy management systems, Mobile Apps, EE programs and demand response programs.	SCG-21-R-E WITE-35 to WITE-36 CWP 00721O
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - RECOVERY VAULT EXPANSION 2024**				Yes			

SoCalGas INFORMATION TECHNOLOGY Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Status Variance Explanation	WP Activity Description	2024 GRC Testimony Location
Capital	INFORMATION TECHNOLOGY	RAMP - SUPERVISORY CONTROL AND DATA ACQUISITION NETWORK REFRESH PROJECT	Foundational Technology Systems	Network & Voice System Resiliency	Overall	No	N/A	This project started in 2020. This project upgrades Supervisory Control and Data Acquisition (SCADA) infrastructure and replaces end of support services at numerous locations. This increases bandwidth capacity to better meet business need.	SCG-21-R-E WIE-53 to WIE-54 CWP 00743J
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - SUPERVISORY CONTROL AND DATA ACQUISITION NETWORK REFRESH PROJECT**				**Yes**			
Capital	INFORMATION TECHNOLOGY	RAMP - WIDE AREA NETWORK (WAN) AND PRIVATE NETWORK REFRESH	Foundational Technology Systems	Network & Voice System Resiliency	Overall	No	N/A	This project started in 2018. This project upgrades microwave radio backbone links, and replaces aging Wide Area Newtwork (WAN) routers.	SCG-21-R-E WIE-46 to WIE-47 CWP 00743A
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - WIDE AREA NETWORK (WAN) AND PRIVATE NETWORK REFRESH**				**Yes**			
Capital	INFORMATION TECHNOLOGY	RAMP - WORK MANAGEMENT PROGRAM NEXT GENERATION FIELD SERVICE DELIVERY (FSD)	Foundational Technology Systems	Gas Operations Systems Resiliency	Overall	No	N/A		
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - WORK MANAGEMENT PROGRAM NEXT GENERATION FIELD SERVICE DELIVERY (FSD)**				**Yes**			
Capital	INFORMATION TECHNOLOGY	ROUTINE SMALL CAP 2022-2024	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
Capital	**INFORMATION TECHNOLOGY**	**SubTotal ROUTINE SMALL CAP 2022-2024**				**Yes**			
Capital	INFORMATION TECHNOLOGY	SAPS4/HANA - BUSINESS OPTIMIZATION	Non-RAMP	Non-RAMP	Non-RAMP	No			
Capital	**INFORMATION TECHNOLOGY**	**SubTotal SAP S4/HANA - BUSINESS OPTIMIZATION**				**Yes**			
Capital	INFORMATION TECHNOLOGY	SAP TRANSFORMATION	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A	This project started in 2021. The company has been utilizing SAP's core Enterprise Resource Planning (ERP) system to support business needs. To meet evolving industry needs, the SAP platform has undergone a re-architecture to S/4HANA, which aligns with the companies digital transformation strategy. Digital technology, real-time data, intuitive user experience, and continual innovation are some of the key capabilities of this platform and aligns with strategic business and performance goals.	SCG-29-R-E SPM-60 CWP 00756L
Capital	**INFORMATION TECHNOLOGY**	**SubTotal SAP TRANSFORMATION**				**Yes**			
Capital	INFORMATION TECHNOLOGY	SERVICENOW SERVICE MAPPING	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A	This project implements a service mapping solution which allows us to provide a business centric view of our systems rather than at the component level. The scope of this project is to install and implement a service mapping module. The module provides entry points into services and allows for discovery of process identification and dependencies. Once discovered the project team will work with application owners to rationalize data through an iterative process.	SCG-21-R-E WIE-58 CWP 00756Q
Capital	**INFORMATION TECHNOLOGY**	**SubTotal SERVICENOW SERVICE MAPPING**				**Yes**			
Capital	INFORMATION TECHNOLOGY	SUPPLIER RISK MANAGEMENT (SRM)	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A		
Capital	**INFORMATION TECHNOLOGY**	**SubTotal SUPPLIER RISK MANAGEMENT (SRM)**				**Yes**			
Capital	INFORMATION TECHNOLOGY	RAMP - AVEVA AND AUTOCAD ENHANCEMENTS - PHASE 2	Foundational Technology Systems	Gas Operations Systems Resiliency	N/A	No	N/A	The project continues the implementation of Gas Computer Aided Design (CAD) application solutions to support operations and to support and demonstrate safety and compliance with Federal and State regulations. The project focuses on software development, configuration and data model enhancements of the existing Gas CAD systems. The objective of the project is to improve information management in transitioning data from design through project close out for high pressure, medium pressure and storage integrity and safety management.	SCG-05 WR-24 CWP 00756AE
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - AVEVA AND AUTOCAD ENHANCEMENTS - PHASE 2**				**Yes**			
Capital	INFORMATION TECHNOLOGY	RAMP - COMPUTE CAPACITY EXPANSION 2023	Foundational Technology Systems	Datacenter Modernization	N/A	No	N/A	Compute related infrastructure are growing at a higher rate than initially planned. This project expands IT infrastructure capacity to meet demand from new projects and future growth.	SCG-21-R-E WIE-39 to WIE-40 CWP 00721AL
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - COMPUTE CAPACITY EXPANSION 2023**				**Yes**			
Capital	INFORMATION TECHNOLOGY	RAMP - DIGITAL WORKSPACE	Foundational Technology Systems	End User Access and Supporting Services	N/A	No	N/A	This project started in 2021 and procures, configures, and deploys workstations to company employees. These workstations include a combination of desktops and laptops with a docking station.	SCG-21-R-E WIE-37 CWP 00721E
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - DIGITAL WORKSPACE**				**Yes**			
Capital	**INFORMATION TECHNOLOGY**	**SubTotal**				**Yes**			

SoCalGas INFORMATION TECHNOLOGY Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Status Variance Explanation	WP Activity Description	2024 GRC Testimony Location
Capital	INFORMATION TECHNOLOGY	RAMP - WORK MANAGEMENT AND SAFETY AND REGULATORY 2022-2023	Foundational Technology Systems	Gas Operations Systems Resiliency	N/A	No	N/A	The Work Management project includes various enhancements related to safety and regulatory updates. It will improve efficiencies and existing work processes by providing a means for the correct data to be collected and workarounds to be minimized.	SCG-05 WR-2-I CWP-00756AF
Capital	**INFORMATION TECHNOLOGY**	**SubTotal RAMP - WORK MANAGEMENT AND SAFETY AND REGULATORY 2022-2023**				**Yes**			

SoCalGas CYBERSECURITY Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date ($)
Capital	CYBERSECURITY	CYBERSECURITY				Yes			29,076	—	—	—	29,076	47,078	47,078	47,078	47,078	47,078
Capital	CYBERSECURITY	RAMP SENSITIVE DATA PROTECTION	Cybersecurity	Sensitive Data Protection	Overall	No	Ongoing	Annual	2,998	—	—	—	2,998	6,611	6,809	7,014	7,224	6,611
Capital	**CYBERSECURITY**	**SubTotal RAMP SENSITIVE DATA PROTECTION**				**Yes**			**2,998**	—	—	—	**2,998**	**6,611**	**6,809**	**7,014**	**7,224**	**6,611**
Capital	CYBERSECURITY	RAMP INTERNAL DEFENSES	Cybersecurity	Internal Defenses	Overall	No	Ongoing	Annual	11,879	—	—	—	11,879	12,647	13,027	13,418	13,821	12,647
Capital	**CYBERSECURITY**	**SubTotal RAMP INTERNAL DEFENSES**				**Yes**			**11,879**	—	—	—	**11,879**	**12,647**	**13,027**	**13,418**	**13,821**	**12,647**
Capital	CYBERSECURITY	RAMP OBSOLETE INFORMATION TECHNOLOGY (IT) INFRASTRUCTURE AND APPLICATION REPLACEMENT	Cybersecurity	Obsolete Information Technology (IT) Infrastructure and Application Replacement	Overall	No	Ongoing	Annual	(109)	—	—	—	(109)	8,238	8,486	8,740	9,002	8,238
Capital	**CYBERSECURITY**	**SubTotal RAMP OBSOLETE INFORMATION TECHNOLOGY (IT) INFRASTRUCTURE AND APPLICATION REPLACEMENT**				**Yes**			**(109)**	—	—	—	**(109)**	**8,238**	**8,486**	**8,740**	**9,002**	**8,238**
Capital	CYBERSECURITY	RAMP OPERATIONAL TECHNOLOGY (OT) CYBERSECURITY	Cybersecurity	Operational Technology (OT) Cybersecurity	Overall	No	Ongoing	Annual	338	—	—	—	338	5,767	5,940	6,119	6,302	5,767
Capital	**CYBERSECURITY**	**SubTotal RAMP OPERATIONAL TECHNOLOGY (OT) CYBERSECURITY**				**Yes**			**338**	—	—	—	**338**	**5,767**	**5,940**	**6,119**	**6,302**	**5,767**
Capital	CYBERSECURITY	RAMP PERIMETER DEFENSES	Cybersecurity	Perimeter Defenses	Overall	No	Ongoing	Annual	10,990	—	—	—	10,990	13,812	14,225	14,651	15,090	13,812
Capital	**CYBERSECURITY**	**SubTotal RAMP PERIMETER DEFENSES**				**Yes**			**10,990**	—	—	—	**10,990**	**13,812**	**14,225**	**14,651**	**15,090**	**13,812**

SoCalGas CYBERSECURITY Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference ($)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
Capital	CYBERSECURITY	CYBERSECURITY				Yes	(14,439)	(14,487)	(14,961)	(15,459)	(10,815)	-8%	-100%	-100%	-100%	-8%
Capital	CYBERSECURITY	RAMP SENSITIVE DATA PROTECTION	Cybersecurity	Sensitive Data Protection	Overall	No	(3,613)	(6,809)	(7,014)	(7,224)	(3,613)	-5.5%	-100%	-100%	-100%	-5.5%
Capital	**CYBERSECURITY**	**SubTotal RAMP SENSITIVE DATA PROTECTION**				**Yes**	**(3,613)**	**(6,809)**	**(7,014)**	**(7,224)**	**(3,613)**	**-55%**	**-100%**	**-100%**	**-100%**	**-55%**
Capital	CYBERSECURITY	RAMP INTERNAL DEFENSES	Cybersecurity	Internal Defenses	Overall	No	(768)	(1,3,027)	(1,3,418)	(1,3,821)	(768)	-6%	-100%	-100%	-100%	-6%
Capital	**CYBERSECURITY**	**SubTotal RAMP INTERNAL DEFENSES**				**Yes**	**(768)**	**(1,3,027)**	**(1,3,418)**	**(1,3,821)**	**(768)**	**-6%**	**-100%**	**-100%**	**-100%**	**-6%**
Capital	CYBERSECURITY	RAMP OBSOLETE INFORMATION TECHNOLOGY (IT) INFRASTRUCTURE AND APPLICATION REPLACEMENT	Cybersecurity	Obsolete Information Technology (IT) Infrastructure and Application Replacement	Overall	No	(8,347)	(8,486)	(8,740)	(9,002)	(8,347)	-101%	-100%	-100%	-100%	-101%
Capital	**CYBERSECURITY**	**SubTotal RAMP OBSOLETE INFORMATION TECHNOLOGY (IT) INFRASTRUCTURE AND APPLICATION REPLACEMENT**				**Yes**	**(8,347)**	**(8,486)**	**(8,740)**	**(9,002)**	**(8,347)**	**-101%**	**-100%**	**-100%**	**-100%**	**-101%**
Capital	CYBERSECURITY	RAMP OPERATIONAL TECHNOLOGY (OT) CYBERSECURITY	Cybersecurity	Operational Technology (OT) Cybersecurity	Overall	No	(5,429)	(5,940)	(6,119)	(6,302)	(5,429)	-94%	-100%	-100%	-100%	-94%
Capital	**CYBERSECURITY**	**SubTotal RAMP OPERATIONAL TECHNOLOGY (OT) CYBERSECURITY**				**Yes**	**(5,429)**	**(5,940)**	**(6,119)**	**(6,302)**	**(5,429)**	**-94%**	**-100%**	**-100%**	**-100%**	**-94%**
Capital	CYBERSECURITY	RAMP PERIMETER DEFENSES	Cybersecurity	Perimeter Defenses	Overall	No	(2,822)	(14,225)	(14,651)	(15,090)	(2,822)	-20%	-100%	-100%	-100%	-20%
Capital	**CYBERSECURITY**	**SubTotal RAMP PERIMETER DEFENSES**				**Yes**	**(2,822)**	**(14,225)**	**(14,651)**	**(15,090)**	**(2,822)**	**-20%**	**-100%**	**-100%**	**-100%**	**-20%**

SoCalGas CYBERSECURITY Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
Capital	CYBERSECURITY	CYBERSECURITY				Yes																					
Capital	CYBERSECURITY	RAMP SENSITIVE DATA PROTECTION	Cybersecurity	Sensitive Data Protection	Overall	No	Users Protected	25,000				25,000	25,000				25,000	0	0	0	0	—	0 %	0 %	0 %	0 %	0 %
Capital	**CYBERSECURITY**	**SubTotal RAMP SENSITIVE DATA PROTECTION**				**Yes**																					
Capital	CYBERSECURITY	RAMP INTERNAL DEFENSES	Cybersecurity	Internal Defenses	Overall	No	Users Protected	25,000				25,000	25,000				25,000	0	0	0	0	—	0 %	0 %	0 %	0 %	0 %
Capital	**CYBERSECURITY**	**SubTotal RAMP INTERNAL DEFENSES**				**Yes**																					
Capital	CYBERSECURITY	RAMP OBSOLETE INFORMATION TECHNOLOGY (IT) INFRASTRUCTURE AND APPLICATION REPLACEMENT	Cybersecurity	Obsolete Information Technology (IT) Infrastructure and Application Replacement	Overall	No	Users Protected	25,000				25,000	25,000				25,000	0	0	0	0	—	0 %	0 %	0 %	0 %	0 %
Capital	**CYBERSECURITY**	**SubTotal RAMP OBSOLETE INFORMATION TECHNOLOGY (IT) INFRASTRUCTURE AND APPLICATION REPLACEMENT**				**Yes**																					
Capital	CYBERSECURITY	RAMP OPERATIONAL TECHNOLOGY (OT) CYBERSECURITY	Cybersecurity	Operational Technology (OT) Cybersecurity	Overall	No	Users Protected	25,000				25,000	25,000				25,000	0	0	0	0	—	0 %	0 %	0 %	0 %	0 %
Capital	**CYBERSECURITY**	**SubTotal RAMP OPERATIONAL TECHNOLOGY (OT) CYBERSECURITY**				**Yes**																					
Capital	CYBERSECURITY	RAMP PERIMETER DEFENSES	Cybersecurity	Perimeter Defenses	Overall	No	Users Protected	25,000				25,000	25,000				25,000	0	0	0	0	—	0 %	0 %	0 %	0 %	0 %
Capital	**CYBERSECURITY**	**SubTotal RAMP PERIMETER DEFENSES**				**Yes**																					

SoCalGas CYBERSECURITY Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Safety, Reliability, or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status	Status Variance Explanation Required?
Capital	CYBERSECURITY	CYBERSECURITY				Yes										
Capital	CYBERSECURITY	RAMP SENSITIVE DATA PROTECTION	Cybersecurity	Sensitive Data Protection	Overall	No	YES	YES	NO	The Sensitive Data Protection investments were lower than forecasted due to timing of implementation of data security technologies. SoCalGas intends to manage this program over the entire 2024 GRC cycle.	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	**CYBERSECURITY**	**SubTotal RAMP SENSITIVE DATA PROTECTION**				**Yes**	**YES**	**YES**								**NO**
Capital	CYBERSECURITY	RAMP INTERNAL DEFENSES	Cybersecurity	Internal Defenses	Overall	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	**CYBERSECURITY**	**SubTotal RAMP INTERNAL DEFENSES**				**Yes**	**YES**	**NO**								**NO**
Capital	CYBERSECURITY	RAMP OBSOLETE INFORMATION TECHNOLOGY (IT) INFRASTRUCTURE AND APPLICATION REPLACEMENT	Cybersecurity	Obsolete Information Technology (IT) Infrastructure and Application Replacement	Overall	No	YES	YES	NO	The Obsolete IT infrastructure investments were lower than forecasted due to timing of when specific systems and technologies are due for replacements and upgrades.	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	YES
Capital	**CYBERSECURITY**	**SubTotal RAMP OBSOLETE INFORMATION TECHNOLOGY (IT) INFRASTRUCTURE AND APPLICATION REPLACEMENT**				**Yes**	**YES**	**YES**								**YES**
Capital	CYBERSECURITY	RAMP OPERATIONAL TECHNOLOGY (OT) CYBERSECURITY	Cybersecurity	Operational Technology (OT) Cybersecurity	Overall	No	YES	YES	NO	The OT cybersecurity investments were lower than forecasted due to the timing and prioritization of the vulnerability management of assets. SoCalGas intends to manage this program over the entire 2024 GRC cycle.	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	**CYBERSECURITY**	**SubTotal RAMP OPERATIONAL TECHNOLOGY (OT) CYBERSECURITY**				**Yes**	**YES**	**YES**								**NO**
Capital	CYBERSECURITY	RAMP PERIMETER DEFENSES	Cybersecurity	Perimeter Defenses	Overall	No	YES	YES	NO	The variance is due to timing of additional work to further segment the company network, which was not completed in 2024 due to focus on implementing hardware configuration.	N/A	On Target (T)	Under (U)	On Target (T)	Proceeding as Planned	NO
Capital	**CYBERSECURITY**	**SubTotal RAMP PERIMETER DEFENSES**				**Yes**	**YES**	**YES**								**NO**

SoCalGas CYBERSECURITY Capital

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Status Variance Explanation	WP Activity Description	2024 GRC Testimony Location
Capital	CYBERSECURITY	CYBERSECURITY				Yes			
Capital	CYBERSECURITY	RAMP SENSITIVE DATA PROTECTION	Cybersecurity	Sensitive Data Protection	Overall	No	N/A	The activities funded under this area address the following: manipulated data or integrity failure, access control or confidentiality failure, cybersecurity control failures, human error, data corruption or unavailability, theft or destruction of systems and data, exposure of sensitive business information including customer records.	SCG-22-R LBM-22 to LBM-23 CWP 00745AA
Capital	**CYBERSECURITY**	**SubTotal RAMP SENSITIVE DATA PROTECTION**				Yes			
Capital	CYBERSECURITY	RAMP INTERNAL DEFENSES	Cybersecurity	Internal Defenses	Overall	No	N/A		
Capital	**CYBERSECURITY**	**SubTotal RAMP INTERNAL DEFENSES**				Yes			
Capital	CYBERSECURITY	RAMP OBSOLETE INFORMATION TECHNOLOGY (IT) INFRASTRUCTURE AND APPLICATION REPLACEMENT	Cybersecurity	Obsolete Information Technology (IT) Infrastructure and Application Replacement	Overall	No	The Obsolete IT in Instructure investments were lower than forecasted due to timing of when specific systems and technologies are due for replacements and upgrades.	The activities funded under this area address the following: unauthorized remote access and control, manipulated data or integrity failure, infrastructure or availability failure, access control or confidentiality failure, malicious software intrusions, cybersecurity control failures, operational system failures, disruption of energy flow systems, data corruption or unavailability, theft or destruction of systems and data, and exposure of sensitive company and customer data.	SCG-22-R LBM-25 to LBM-26 CWP 00745AC
Capital	**CYBERSECURITY**	**SubTotal RAMP OBSOLETE INFORMATION TECHNOLOGY (IT) INFRASTRUCTURE AND APPLICATION REPLACEMENT**				Yes			
Capital	CYBERSECURITY	RAMP OPERATIONAL TECHNOLOGY (OT) CYBERSECURITY	Cybersecurity	Operational Technology (OT) Cybersecurity	Overall	No	N/A	The activities funded under this area address the following: manipulated data or integrity failure, infrastructure or availability failure, access control or confidentiality failure, malicious software intrusions, cybersecurity control failures, operational system failures, equipment loss or theft, human error, data corruption or unavailability, theft or destruction of systems and data, and exposure of sensitive business information including customer records.	SCG-22-R LBM-21 to LBM-22 CWP 00745AD
Capital	**CYBERSECURITY**	**SubTotal RAMP OPERATIONAL TECHNOLOGY (OT) CYBERSECURITY**				Yes			
Capital	CYBERSECURITY	RAMP PERIMETER DEFENSES	Cybersecurity	Perimeter Defenses	Overall	No	N/A	The activities funded under this area address the following: manipulated data or integrity failure, infrastructure or availability failure, access control or confidentiality failure, malicious software intrusions, cybersecurity control failures, operational system failures, equipment loss or theft, and human error. Perimeter Defenses reduces the potential consequences of data corruption or unavailability, theft or destruction of systems and data, and exposure of sensitive business information including customer records.	SCG-22-R LBM-20 to LBM-21 CWP 00745B
Capital	**CYBERSECURITY**	**SubTotal RAMP PERIMETER DEFENSES**				Yes			

SoCalGas GAS INTEGRITY MANAGEMENT PROGRAMS Capital
Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2023	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date ($)
Capital	GAS INTEGRITY MANAGEMENT PROGRAMS	GAS INTEGRITY MANAGEMENT PROGRAMS				Yes			347,746	—	—	—	347,746	307,012	314,224	325,731	335,401	307,012
Capital	GAS INTEGRITY PROGRAMS	DIMP	Incident Related to the Medium Pressure System (Excluding Dig-in)	DIMP - Distribution Risk Evaluation and Monitoring System (DREAMS)	Plastic - Main (VIPP)	No	On-going	Annual	11,034	—	—	—	11,034	14,209	14,635	15,074	15,526	14,209
Capital	GAS INTEGRITY PROGRAMS	DIMP	Incident Related to the Medium Pressure System (Excluding Dig-in)	DIMP - Distribution Risk Evaluation and Monitoring System (DREAMS)	Steel - Main (BSRP)	No	On-going	Annual	48,578	—	—	—	48,578	79,458	81,842	84,297	86,826	79,458
Capital	GAS INTEGRITY PROGRAMS	DIMP	Incident Related to the Medium Pressure System (Excluding Dig-in)	DIMP - Gas Infrastructure Protection Program (GIPP)	Meter & Beyond	No	On-going	Annual	13,880	—	—	—	13,880	14,593	15,031	15,482	15,946	14,593
Capital	**GAS INTEGRITY PROGRAMS**	**SubTotal DIMP**				**Yes**			**173,492**	**—**	**—**	**—**	**173,492**	**108,260**	**111,508**	**114,853**	**118,298**	**108,260**
Capital	GAS INTEGRITY PROGRAMS	DIMP DATA MANAGEMENT - IT	Incident Related to the Medium Pressure System (Excluding Dig-in)	DIMP - Distribution Risk Evaluation and Monitoring System (DREAMS)	Plastic - Main (VIPP)	No	On-going	Annual	3,050	—	—	—	3,050	2,495	2,570	2,647	2,726	2,495
Capital	GAS INTEGRITY PROGRAMS	DIMP DATA MANAGEMENT - IT	Incident Related to the Medium Pressure System (Excluding Dig-in)	DIMP - Distribution Risk Evaluation and Monitoring System (DREAMS)	Steel - Main (BSRP)	No	On-going	Annual	1,334	—	—	—	1,334	1,791	1,845	1,900	1,957	1,791
Capital	GAS INTEGRITY PROGRAMS	DIMP DATA MANAGEMENT - IT	Incident Related to the Medium Pressure System (Excluding Dig-in)	DIMP - Gas Infrastructure Protection Program (GIPP)	Meter & Beyond	No	On-going	Annual	381	—	—	—	381	324	334	344	354	324
Capital	**GAS INTEGRITY PROGRAMS**	**SubTotal DIMP DATA MANAGEMENT - IT**				**Yes**			**4,765**	**—**	**—**	**—**	**4,765**	**4,610**	**4,749**	**4,891**	**5,037**	**4,610**
Capital	GAS INTEGRITY PROGRAMS	TIMP DATA MANAGEMENT - IT	Asset and Records Management	Establishing a Data Lake	Overall	No	On-going	Annual	8,122	—	—	—	8,122	3,793	3,907	4,024	4,145	3,793
Capital	GAS INTEGRITY PROGRAMS	TIMP DATA MANAGEMENT - IT	Incident Related to the High Pressure System (Excluding Dig-in)	Integrity Assessments & Remediation (HCA and Non-HCA)	Transmission - HCA	No	On-going	Annual	2,729	—	—	—	2,729	2,316	2,385	2,457	2,531	2,316
Capital	GAS INTEGRITY PROGRAMS	TIMP DATA MANAGEMENT - IT	Incident Related to the High Pressure System (Excluding Dig-in)	Integrity Assessments & Remediation (HCA and Non-HCA)	Transmission - Non-HCA	No	On-going	Annual	3,204	—	—	—	3,204	3,373	3,475	3,579	3,686	3,373
Capital	**GAS INTEGRITY PROGRAMS**	**SubTotal TIMP DATA MANAGEMENT - IT**				**Yes**			**14,055**	**—**	**—**	**—**	**14,055**	**9,482**	**9,767**	**10,060**	**10,362**	**9,482**
Capital	GAS INTEGRITY PROGRAMS	TIMP - DISTRIBUTION	Incident Related to the High Pressure System (Excluding Dig-in)	Integrity Assessments & Remediation (HCA and Non-HCA)	Transmission - HCA	No	On-going	Annual	11,747	—	—	—	11,747	4,453	4,587	4,724	4,866	4,453

SoCalGas GAS INTEGRITY MANAGEMENT PROGRAMS Capital
Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date ($)
Capital	GAS INTEGRITY PROGRAMS	TIMP - DISTRIBUTION	Incident Related to the High Pressure System (Excluding Dig-in)	Integrity Assessments & Remediation (HCA and Non-HCA)	Transmission - Non-HCA	No	On-going	Annual	13,789	—	—	—	13,789	2,854	2,939	3,028	3,119	2,854
Capital	**GAS INTEGRITY PROGRAMS**	**SubTotalTIMP - DISTRIBUTION**				**Yes**			**25,536**	**—**	**—**	**—**	**25,536**	**7,307**	**7,526**	**7,752**	**7,985**	**7,307**
Capital	GAS INTEGRITY PROGRAMS	TIMP	Incident Related to the High Pressure System (Excluding Dig-in)	Integrity Assessments & Remediation (HCA and Non-HCA)	Transmission - HCA	No	On-going	Annual	43,257	—	—	—	43,257	73,479	75,683	77,953	80,292	73,479
Capital	GAS INTEGRITY PROGRAMS	TIMP	Incident Related to the High Pressure System (Excluding Dig-in)	Integrity Assessments & Remediation (HCA and Non-HCA)	Transmission - Non-HCA	No	On-going	Annual	50,780	—	—	—	50,780	76,986	79,296	81,676	84,125	76,986
Capital	**GAS INTEGRITY PROGRAMS**	**SubTotalTIMP**				**Yes**			**94,036**	**—**	**—**	**—**	**94,036**	**150,465**	**154,979**	**159,629**	**164,417**	**150,465**
Capital	GAS INTEGRITY PROGRAMS	SIMP	Incident Related to the Storage System (Excluding Dig-in)	Integrity Demonstration, Verification, and Monitoring Practices	Underground Components	No	On-going	Annual	28,720	—	—	—	28,720	25,393	26,155	26,940	27,748	25,393
Capital	GAS INTEGRITY PROGRAMS	SIMP	Incident Related to the Storage System (Excluding Dig-in)	SIMP Well Abandonment and Replacement	Underground Components	No	On-going	Annual	7,162	—	—	—	7,162	1,495	1,540	1,586	1,634	1,495
Capital	**GAS INTEGRITY PROGRAMS**	**SubTotalSIMP**				**Yes**			**35,882**	**—**	**—**	**—**	**35,882**	**26,888**	**27,695**	**28,526**	**29,382**	**26,888**

SoCalGas GAS INTEGRITY MANAGEMENT PROGRAMS Capital
Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference ($)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
Capital	GAS INTEGRITY MANAGEMENT PROGRAMS	GAS INTEGRITY MANAGEMENT PROGRAMS				Yes	40,754	(316,224)	(125,711)	(135,481)	40,754	13%	-100%	-100%	-100%	13%
Capital	GAS INTEGRITY PROGRAMS	DIMP	Incident Related to the Medium Pressure System (Excluding Dig-in)	DIMP - Distribution Risk Evaluation and Monitoring System (DREAMS)	Plastic - Main (VIPP)	No	96,825	(14,635)	(15,074)	(15,526)	96,825	681%	-100%	-100%	-100%	681%
Capital	GAS INTEGRITY PROGRAMS	DIMP	Incident Related to the Medium Pressure System (Excluding Dig-in)	DIMP - Distribution Risk Evaluation and Monitoring System (DREAMS)	Steel - Main (BSRP)	No	(30,880)	(81,842)	(84,297)	(86,826)	(30,880)	-39%	-100%	-100%	-100%	-39%
Capital	GAS INTEGRITY PROGRAMS	DIMP	Incident Related to the Medium Pressure System (Excluding Dig-in)	DIMP - Gas Infrastructure Protection Program (GIPP)	Meter & Beyond	No	(713)	(15,031)	(15,482)	(15,946)	(713)	-5%	-100%	-100%	-100%	-5%
Capital	**GAS INTEGRITY PROGRAMS**	**SubTotal DIMP**				**Yes**	**65,232**	**(111,508)**	**(114,853)**	**(118,298)**	**65,232**	**60%**	**-100%**	**-100%**	**-100%**	**60%**
Capital	GAS INTEGRITY PROGRAMS	DIMP DATA MANAGEMENT - IT	Incident Related to the Medium Pressure System (Excluding Dig-in)	DIMP - Distribution Risk Evaluation and Monitoring System (DREAMS)	Plastic - Main (VIPP)	No	555	(2,570)	(2,647)	(2,726)	555	22%	-100%	-100%	-100%	22%
Capital	GAS INTEGRITY PROGRAMS	DIMP DATA MANAGEMENT - IT	Incident Related to the Medium Pressure System (Excluding Dig-in)	DIMP - Distribution Risk Evaluation and Monitoring System (DREAMS)	Steel - Main (BSRP)	No	(457)	(1,845)	(1,900)	(1,957)	(457)	-26%	-100%	-100%	-100%	-26%
Capital	GAS INTEGRITY PROGRAMS	DIMP DATA MANAGEMENT - IT	Incident Related to the Medium Pressure System (Excluding Dig-in)	DIMP - Gas Infrastructure Protection Program (GIPP)	Meter & Beyond	No	57	(334)	(344)	(354)	57	18%	-100%	-100%	-100%	18%
Capital	**GAS INTEGRITY PROGRAMS**	**SubTotal DIMP DATA MANAGEMENT - IT**				**Yes**	**155**	**(4,749)**	**(4,891)**	**(5,037)**	**155**	**3%**	**-100%**	**-100%**	**-100%**	**3%**
Capital	GAS INTEGRITY PROGRAMS	TIMP DATA MANAGEMENT - IT	Asset and Records Management	Establishing a Data Lake	Overall	No	4,329	(3,907)	(4,024)	(4,145)	4,329	114%	-100%	-100%	-100%	114%
Capital	GAS INTEGRITY PROGRAMS	TIMP DATA MANAGEMENT - IT	Incident Related to the High Pressure System (Excluding Dig-in)	Integrity Assessments & Remediation (HCA and Non-HCA)	Transmission - HCA	No	413	(2,385)	(2,457)	(2,531)	413	18%	-100%	-100%	-100%	18%
Capital	GAS INTEGRITY PROGRAMS	TIMP DATA MANAGEMENT - IT	Incident Related to the High Pressure System (Excluding Dig-in)	Integrity Assessments & Remediation (HCA and Non-HCA)	Transmission - Non-HCA	No	(169)	(3,475)	(3,579)	(3,686)	(169)	-5%	-100%	-100%	-100%	-5%
Capital	**GAS INTEGRITY PROGRAMS**	**SubTotal TIMP DATA MANAGEMENT - IT**				**Yes**	**4,573**	**(9,767)**	**(10,060)**	**(10,362)**	**4,573**	**48%**	**-100%**	**-100%**	**-100%**	**48%**
Capital	GAS INTEGRITY PROGRAMS	TIMP - DISTRIBUTION	Incident Related to the High Pressure System (Excluding Dig-in)	Integrity Assessments & Remediation (HCA and Non-HCA)	Transmission - HCA	No	7,294	(4,587)	(4,724)	(4,866)	7,294	164%	-100%	-100%	-100%	164%

SoCalGas GAS INTEGRITY MANAGEMENT PROGRAMS Capital
Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference ($)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
Capital	GAS INTEGRITY PROGRAMS	TIMP - DISTRIBUTION	Incident Related to the High Pressure System (Excluding Dig-in)	Integrity Assessments & Remediation (HCA and Non-HCA)	Transmission - Non-HCA	No	10,935	(2,939)	(3,028)	(3,119)	10,935	38.3%	-100%	-100%	-100%	38.3%
Capital	**GAS INTEGRITY PROGRAMS**	**SubTotalTIMP - DISTRIBUTION**				**Yes**	**18,229**	**(7,526)**	**(7,752)**	**(7,985)**	**18,229**	**249%**	**-100%**	**-100%**	**-100%**	**249%**
Capital	GAS INTEGRITY PROGRAMS	TIMP	Incident Related to the High Pressure System (Excluding Dig-in)	Integrity Assessments & Remediation (HCA and Non-HCA)	Transmission - HCA	No	(30,222)	(75,683)	(77,953)	(80,292)	(30,222)	-41%	-100%	-100%	-100%	-41%
Capital	GAS INTEGRITY PROGRAMS	TIMP	Incident Related to the High Pressure System (Excluding Dig-in)	Integrity Assessments & Remediation (HCA and Non-HCA)	Transmission - Non-HCA	No	(26,206)	(79,296)	(81,676)	(84,125)	(26,206)	-34%	-100%	-100%	-100%	-34%
Capital	**GAS INTEGRITY PROGRAMS**	**SubTotalTIMP**				**Yes**	**(56,429)**	**(154,979)**	**(159,629)**	**(164,417)**	**(56,429)**	**-38%**	**-100%**	**-100%**	**-100%**	**-38%**
Capital	GAS INTEGRITY PROGRAMS	SIMP	Incident Related to the Storage System (Excluding Dig-in)	Integrity Demonstration, Verification, and Monitoring Practices	Underground Components	No	3,327	(26,155)	(26,940)	(27,748)	3,327	1.3%	-100%	-100%	-100%	1.3%
Capital	GAS INTEGRITY PROGRAMS	SIMP	Incident Related to the Storage System (Excluding Dig-in)	SIMP Well Abandonment and Replacement	Underground Components	No	5,667	(1,540)	(1,586)	(1,634)	5,667	379%	-100%	-100%	-100%	379%
Capital	**GAS INTEGRITY PROGRAMS**	**SubTotalSIMP**				**Yes**	**8,994**	**(27,695)**	**(28,526)**	**(29,382)**	**8,994**	**3.3%**	**-100%**	**-100%**	**-100%**	**3.3%**

SoCalGas GAS INTEGRITY MANAGEMENT PROGRAMS Capital
Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
Capital	GAS INTEGRITY MANAGEMENT PROGRAMS	GAS INTEGRITY MANAGEMENT PROGRAMS				Yes																					
Capital	GAS INTEGRITY PROGRAMS	DIMP	Incident Related to the Medium Pressure System (Excluding Dig-in)	DIMP - Distribution Risk Evaluation and Monitoring System (DREAMS)	Plastic - Main (VIPP)	No	Miles replaced	114				114	11				11	103	0	0	0	103	922 %	0 %	0 %	0 %	922 %
Capital	GAS INTEGRITY PROGRAMS	DIMP	Incident Related to the Medium Pressure System (Excluding Dig-in)	DIMP - Distribution Risk Evaluation and Monitoring System (DREAMS)	Steel - Main (BSRP)	No	Miles replaced	28				28	33				33	(4)	0	0	0	(4)	(14)%	0 %	0 %	0 %	(14)%
Capital	GAS INTEGRITY PROGRAMS	DIMP	Incident Related to the Medium Pressure System (Excluding Dig-in)	DIMP - Gas Infrastructure Protection Program (GIPP)	Meter & Beyond	No	Mitigations	4,278				4,278	600				600	3,678	0	0	0	3,678	613 %	0 %	0 %	0 %	613 %
Capital	**GAS INTEGRITY PROGRAMS**	**SubTotal DIMP**				**Yes**																					
Capital	GAS INTEGRITY PROGRAMS	DIMP DATA MANAGEMENT - IT	Incident Related to the Medium Pressure System (Excluding Dig-in)	DIMP - Distribution Risk Evaluation and Monitoring System (DREAMS)	Plastic - Main (VIPP)	No	This activity and the work completed consist of database enhancements and associated data management activities. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																				
Capital	GAS INTEGRITY PROGRAMS	DIMP DATA MANAGEMENT - IT	Incident Related to the Medium Pressure System (Excluding Dig-in)	DIMP - Distribution Risk Evaluation and Monitoring System (DREAMS)	Steel - Main (BSRP)	No	This activity and the work completed consist of database enhancements and associated data management activities. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																				
Capital	GAS INTEGRITY PROGRAMS	DIMP DATA MANAGEMENT - IT	Incident Related to the Medium Pressure System (Excluding Dig-in)	DIMP - Gas Infrastructure Protection Program (GIPP)	Meter & Beyond	No	This activity and the work completed consist of database enhancements and associated data management activities. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																				
Capital	**GAS INTEGRITY PROGRAMS**	**SubTotal DIMP DATA MANAGEMENT - IT**				**Yes**																					
Capital	GAS INTEGRITY PROGRAMS	TIMP DATA MANAGEMENT - IT	Asset and Records Management	Establishing a Data Lake	Overall	No	The activity and work completed in 2024 includes enhancements to TIMP data centralization and management, such as software upgrades (e.g., new applications). The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																				
Capital	GAS INTEGRITY PROGRAMS	TIMP DATA MANAGEMENT - IT	Incident Related to the High Pressure System (Excluding Dig-in)	Integrity Assessments & Remediation (HCA and Non-HCA)	Transmission - HCA	No	This activity and the work completed in 2024 consist of database enhancements and associated data management activities. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																				
Capital	GAS INTEGRITY PROGRAMS	TIMP DATA MANAGEMENT - IT	Incident Related to the High Pressure System (Excluding Dig-in)	Integrity Assessments & Remediation (HCA and Non-HCA)	Transmission - Non-HCA	No	This activity and the work completed in 2024 consist of database enhancements and associated data management activities. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																				
Capital	**GAS INTEGRITY PROGRAMS**	**SubTotal TIMP DATA MANAGEMENT - IT**				**Yes**																					
Capital	GAS INTEGRITY PROGRAMS	TIMP - DISTRIBUTION	Incident Related to the High Pressure System (Excluding Dig-in)	Integrity Assessments & Remediation (HCA and Non-HCA)	Transmission - HCA	No	This activity and the work completed in 2024 consist of retrofitting pipelines for in-line inspection capability, replacements, and other capital remediation. The number and types of remediation are driven by each assessment. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																				

SoCalGas GAS INTEGRITY MANAGEMENT PROGRAMS Capital
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Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
Capital	GAS INTEGRITY PROGRAMS	TIMP - DISTRIBUTION	Incident Related to the High Pressure System (Excluding Dig-in)	Integrity Assessments & Remediation (HCA and Non-HCA)	Transmission - Non-HCA	No	This activity and the work completed in 2024 consist of retrofitting pipelines for in-line inspection capability, replacements, and other capital remediation. The number and types of remediation are driven by each assessment. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																				
Capital	**GAS INTEGRITY PROGRAMS**	**SubTotalTIMP - DISTRIBUTION**				**Yes**																					
Capital	GAS INTEGRITY PROGRAMS	TIMP	Incident Related to the High Pressure System (Excluding Dig-in)	Integrity Assessments & Remediation (HCA and Non-HCA)	Transmission - HCA	No	This activity and the work completed in 2024 consist of retrofitting pipelines for in-line inspection capability, replacements, and other capital remediation. The number and types of remediation are driven by each assessment. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																				
Capital	GAS INTEGRITY PROGRAMS	TIMP	Incident Related to the High Pressure System (Excluding Dig-in)	Integrity Assessments & Remediation (HCA and Non-HCA)	Transmission - Non-HCA	No	This activity and the work completed in 2024 consist of retrofitting pipelines for in-line inspection capability, replacements, and other capital remediation. The number and types of remediation are driven by each assessment. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																				
Capital	**GAS INTEGRITY PROGRAMS**	**SubTotalTIMP**				**Yes**																					
Capital	GAS INTEGRITY PROGRAMS	SIMP	Incident Related to the Storage System (Excluding Dig-in)	Integrity Demonstration, Verification, and Monitoring Practices	Underground Components	No	This activity and the work completed in 2024 consist of capital remediation activities. The number and types of activities are driven by each well assessment and may include inner string installations, diagnostic logging, and casing expansions. The variety of work activities in this category makes it infeasible to identify a single unit of measurement.																				
Capital	GAS INTEGRITY PROGRAMS	SIMP	Incident Related to the Storage System (Excluding Dig-in)	SIMP Well Abandonment and Replacement	Underground Components	No	Assets abandoned-wells	3				3	1				1	2	0	0	0	2	200 %	0 %	0 %	0 %	200 %
Capital	**GAS INTEGRITY PROGRAMS**	**SubTotalSIMP**				**Yes**																					

SoCalGas GAS INTEGRITY MANAGEMENT PROGRAMS Capital
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Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Safety, Reliability, or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status	Status Variance Explanation Required?
Capital	**GAS INTEGRITY MANAGEMENT PROGRAMS**	**GAS INTEGRITY MANAGEMENT PROGRAMS**				Yes										
Capital	GAS INTEGRITY PROGRAMS	DIMP	Incident Related to the Medium Pressure System (Excluding Dig-in)	DIMP - Distribution Risk Evaluation and Monitoring System (DREAMS)	Plastic - Main (VIPP)	No	YES	YES	YES	DIMP complies with 49 CFR 192, Subpart P - Gas Distribution Pipeline Integrity Management and includes threat identification, risk assessment, and various projects to minimize threats and integrity concerns to reduce risk of pipeline incidents. The 2024 variance is driven by a difference between SoCalGas's plan as presented in the TY 2024 GRC application and the level of activity funded in the final TY 2024 GRC decision, which was issued in December of 2024. SoCalGas's VIPP activity level followed the strategy that was approved in the last GRC due to the delay in receiving a final GRC decision, which funded a lower level of activity but also authorized a memorandum account for additional replacements when pipe in areas of risk are identified. While SoCalGas has completed more miles than authorized within the DIMP balancing account, the level of activity is consistent with what SoCalGas is authorized to seek recovery. Replacements were planned and completed in alignment with SoCalGas's transition to its Quantitative Risk Assessment (QRA) results, which inform the prioritization of DREAMS replacements to address pipeline segments that exceed SoCalGas's risk threshold.	DIMP complies with 49 CFR 192, Subpart P - Gas Distribution Pipeline Integrity Management and includes threat identification, risk assessment, and various projects to minimize threats and integrity concerns to reduce risk of pipeline incidents. The 2024 variance is driven by a difference between SoCalGas's plan as presented in the TY 2024 GRC application and the level of activity funded in the final TY 2024 GRC decision, which was issued in December of 2024. SoCalGas's VIPP activity level followed the strategy that was approved in the last GRC due to the delay in receiving a final GRC decision, which funded a lower level of activity but also authorized a memorandum account for additional replacements when pipe in areas of risk are identified. While SoCalGas has completed more miles than authorized within the DIMP balancing account, the level of activity is consistent with that for which SoCalGas is authorized to seek recovery for. Replacements were planned and completed in alignment with SoCalGas's transition to its Quantitative Risk Assessment (QRA) results, which inform the prioritization of DREAMS replacements to address pipeline segments that exceed SoCalGas's risk threshold.	On Target (T)	On Target (T)	Over (O)	Proceeding as Planned	NO
Capital	GAS INTEGRITY PROGRAMS	DIMP	Incident Related to the Medium Pressure System (Excluding Dig-in)	DIMP - Distribution Risk Evaluation and Monitoring System (DREAMS)	Steel - Main (BSRP)	No	YES	YES	NO	DIMP complies with 49 CFR 192, Subpart P – Gas Distribution Pipeline Integrity Management and includes threat identification, risk assessment, and various projects to minimize threats and integrity concerns to reduce risk of pipeline incidents. The 2024 variance is driven by a difference between SoCalGas's plan as presented in the TY 2024 GRC application and the level of activity funded in the final TY 2024 GRC decision, which was issued in December of 2024. Replacements were planned and completed in alignment with SoCalGas's transition to its Quantitative Risk Assessment (QRA) results, which inform the prioritization of DREAMS replacements to address pipeline segments that exceed SoCalGas's risk threshold.	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	GAS INTEGRITY PROGRAMS	DIMP	Incident Related to the Medium Pressure System (Excluding Dig-in)	DIMP - Gas Infrastructure Protection Program (GIPP)	Meter & Beyond	No	YES	NO	YES	N/A	DIMP complies with 49 CFR 192, Subpart P - Gas Distribution Pipeline Integrity Management and includes threat identification, risk assessment, and various projects to minimize threats and integrity concerns to reduce risk of pipeline incidents. The units identified in this report are a component and not the entirety of activities and costs supporting the DIMP. They represent Gas Infrastructure Protection Project (GIPP) work. The GIPP program completed significantly more inspections than planned due to differences in the complexity of mitigations required. Initially, it was expected that most of the inspection locations would need non-standard mitigations which typically require more resources, including detailed design, engineering, and permitting. However, many of the locations identified in 2024 were addressed using the standard mitigation approach, which requires few resources. This enabled SoCalGas to complete a higher volume of work without increasing GIPP costs.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	**GAS INTEGRITY PROGRAMS**	**SubTotal DIMP**				**Yes**	**YES**	**YES**								**NO**
Capital	GAS INTEGRITY PROGRAMS	DIMP DATA MANAGEMENT - IT	Incident Related to the Medium Pressure System (Excluding Dig-in)	DIMP - Distribution Risk Evaluation and Monitoring System (DREAMS)	Plastic - Main (VIPP)	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	GAS INTEGRITY PROGRAMS	DIMP DATA MANAGEMENT - IT	Incident Related to the Medium Pressure System (Excluding Dig-in)	DIMP - Distribution Risk Evaluation and Monitoring System (DREAMS)	Steel - Main (BSRP)	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	GAS INTEGRITY PROGRAMS	DIMP DATA MANAGEMENT - IT	Incident Related to the Medium Pressure System (Excluding Dig-in)	DIMP - Gas Infrastructure Protection Program (GIPP)	Meter & Beyond	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	**GAS INTEGRITY PROGRAMS**	**SubTotal DIMP DATA MANAGEMENT - IT**				**Yes**	**YES**	**NO**								**NO**
Capital	GAS INTEGRITY PROGRAMS	TIMP DATA MANAGEMENT - IT	Asset and Records Management	Establishing a Data Lake	Overall	No	YES	YES	NO	TIMP complies with 49 CFR 192, Subpart O - Gas Transmission Pipeline Integrity Management and includes threat identification, risk analysis, pipeline assessments, remediation, and other actions that minimize threats and integrity concerns to reduce risk of pipeline failure. TIMP enterprise asset management data foundation activities are driven by continuous enhancement and administration of centralized system data and databases. The 2024 variance is due to an increase in data integration activities and enhancements to the centralization of TIMP data to improve risk and threat processes.	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	GAS INTEGRITY PROGRAMS	TIMP DATA MANAGEMENT - IT	Incident Related to the High Pressure System (Excluding Dig-in)	Integrity Assessments & Remediation (HCA and Non-HCA)	Transmission - HCA	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	GAS INTEGRITY PROGRAMS	TIMP DATA MANAGEMENT - IT	Incident Related to the High Pressure System (Excluding Dig-in)	Integrity Assessments & Remediation (HCA and Non-HCA)	Transmission - Non-HCA	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	**GAS INTEGRITY PROGRAMS**	**SubTotal TIMP DATA MANAGEMENT - IT**				**Yes**	**YES**	**YES**								**NO**
Capital	GAS INTEGRITY PROGRAMS	TIMP - DISTRIBUTION	Incident Related to the High Pressure System (Excluding Dig-in)	Integrity Assessments & Remediation (HCA and Non-HCA)	Transmission - HCA	No	YES	YES	NO	TIMP complies with 49 CFR 192, Subpart O - Gas Transmission Pipeline Integrity Management and includes threat identification, risk analysis, pipeline assessments, remediation, and other actions that minimize threats and integrity concerns to reduce risk of pipeline failure. In general, the TIMP activity level is driven by assessment requirements and pipeline safety considerations, as well as the resulting remediation and repair needs. TIMP remediation activities are informed by assessment findings and may vary from pipeline to pipeline and year to year, and in some cases, remediation activities are a result of the previous year's assessment findings. TIMP assessments may span both HCA and non-HCA segments and the ne tranches should be viewed in aggregate. Non-HCA pipeline segments include those in Class 3 and 4 locations, as well as Moderate Consequence Areas (MCAs), which are required under expanded PHMSA requirements per 49 CFR § 192.710. The allocation between the tranches is calculated based on the number of the actual 2024 completed assessment mileage. In 2024, the spending variance is primarily due to scope adjustments made to improve threat assessment coverage and pipeline integrity. Several projects originally planned for assessment using ECDA were converted to robotic ILI to more effectively address identified threats. Additionally, there was an increase in direct examinations associated with these activities to validate data and address pipeline conditions.	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO

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Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Safety, Reliability, or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status	Status Variance Explanation Required?
Capital	GAS INTEGRITY PROGRAMS	TIMP - DISTRIBUTION	Incident Related to the High Pressure System (Excluding Dig-in)	Integrity Assessments & Remediation (HCA and Non-HCA)	Transmission - Non-HCA	No	YES	YES	NO	TIMP complies with 49 CFR 192, Subpart O - Gas Transmission Pipeline Integrity Management and includes threat identification, risk analysis, pipeline assessments, remediation, and other actions that minimize threats and integrity concerns to reduce risk of pipeline failure. In general, the TIMP activity level is driven by assessment requirements and pipeline safety considerations, as well as the resulting remediation and repair needs. TIMP remediation activities are informed by assessment findings and may vary from pipeline to pipeline and year to year, and in some cases, remediation activities are a result of the previous year's assessment findings. TIMP assessments may span both HCA and non-HCA segments and these tranches should be viewed in aggregate. Non-HCA pipeline segments include those in Class 3 and 4 locations, as well as Moderate Consequence Areas (MCAs), which are required under expanded PHMSA requirements per 49 CFR § 192.710. The allocation between the tranches is calculated based on the number of the actual 2024 completed assessment mileage. In 2024, the spending variance is primarily due to scope adjustments made to improve threat assessment coverage and pipeline integrity. Several projects originally planned for assessment using ECDA were converted to robotic ILI to more efficiently address identified threats. Additionally, there was an increase in direct examinations associated with these activities to validate data and address pipeline conditions.	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	**GAS INTEGRITY PROGRAMS**	**SubTotal TIMP - DISTRIBUTION**				**Yes**	**YES**	**YES**								**NO**
Capital	GAS INTEGRITY PROGRAMS	TIMP	Incident Related to the High Pressure System (Excluding Dig-in)	Integrity Assessments & Remediation (HCA and Non-HCA)	Transmission - HCA	No	YES	YES	NO	TIMP complies with 49 CFR 192, Subpart O - Gas Transmission Pipeline Integrity Management and includes threat identification, risk analysis, pipeline assessments, remediation, and other actions that minimize threats and integrity concerns to reduce risk of pipeline failure. In general, the TIMP activity level is driven by assessment requirements and pipeline safety considerations, as well as the resulting remediation and repair needs. TIMP remediation activities are informed by assessment findings and may vary from pipeline to pipeline and year to year, and in some cases, remediation activities are a result of the previous year's assessment findings. TIMP assessments may span both HCA and non-HCA segments and these tranches should be viewed in aggregate. Non-HCA pipeline segments include those in Class 3 and 4 locations, as well as Moderate Consequence Areas (MCAs), which are required under expanded PHMSA requirements per 49 CFR § 192.710. The allocation between the tranches is calculated based on the number of the actual 2024 completed assessment mileage. In 2024, the variance is primarily due to delays in receiving in-line inspection results, which drive the schedules for retrofit and remediation work. Costs associated with a portion of these activities will be incurred in 2025. The variance is also attributed to a lower volume of rectifier installations than previously forecasted.	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	GAS INTEGRITY PROGRAMS	TIMP	Incident Related to the High Pressure System (Excluding Dig-in)	Integrity Assessments & Remediation (HCA and Non-HCA)	Transmission - Non-HCA	No	YES	YES	NO	TIMP complies with 49 CFR 192, Subpart O - Gas Transmission Pipeline Integrity Management and includes threat identification, risk analysis, pipeline assessments, remediation, and other actions that minimize threats and integrity concerns to reduce risk of pipeline failure. In general, the TIMP activity level is driven by assessment requirements and pipeline safety considerations, as well as the resulting remediation and repair needs. TIMP remediation activities are informed by assessment findings and may vary from pipeline to pipeline and year to year, and in some cases, remediation activities are a result of the previous year's assessment findings. TIMP assessments may span both HCA and non-HCA segments and these tranches should be viewed in aggregate. Non-HCA pipeline segments include those in Class 3 and 4 locations, as well as Moderate Consequence Areas (MCAs), which are required under expanded PHMSA requirements per 49 CFR § 192.710. The allocation between the tranches is calculated based on the number of the actual 2024 completed assessment mileage. In 2024, the variance is primarily due to delays in receiving in-line inspection results, which drive the schedules for retrofit and remediation work. Costs associated with a portion of these activities will be incurred in 2025. The variance is also attributed to a lower volume of rectifier installations than previously forecasted.	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	**GAS INTEGRITY PROGRAMS**	**SubTotal TIMP**				**Yes**	**YES**	**YES**								**NO**
Capital	GAS INTEGRITY PROGRAMS	SIMP	Incident Related to the Storage System (Excluding Dig-in)	Integrity Demonstration, Verification, and Monitoring Practices	Underground Components	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	GAS INTEGRITY PROGRAMS	SIMP	Incident Related to the Storage System (Excluding Dig-in)	SIMP Well Abandonment and Replacement	Underground Components	No	YES	YES	YES	SIMP Abandonments are well-specific and driven by the results of mechanical integrity inspections on gas storage wells. In 2024, SoCalGas completed 3 SIMP Well abandonments. The well abandonment cost varies based on the complexity of the abandonment and location of the well.	SIMP abandonments are well-specific and driven by the results of mechanical integrity inspections on gas storage wells. In 2024, SoCalGas completed 3 SIMP Well abandonments.	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	**GAS INTEGRITY PROGRAMS**	**SubTotal SIMP**				**Yes**	**YES**	**YES**								**NO**

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Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Status Variance Explanation	WP Activity Description	2024 GRC Testimony Location
Capital	GAS INTEGRITY MANAGEMENT PROGRAMS	GAS INTEGRITY MANAGEMENT PROGRAMS				Yes			
Capital	GAS INTEGRITY PROGRAMS	DIMP	Incident Related to the Medium Pressure System (Excluding Dig-in)	DIMP - Distribution Risk Evaluation and Monitoring System (DREAMS)	Plastic - Main (VIPP)	No	N/A	DIMP Capital activities in budget code 277 include installations, replacements, and other risk mitigation or remediation activities driven by DIMP Projects and Activities to Address Risk (PAARs). These costs are associated with executing the VIPP, which consists of replacement of vintage non-state-of-the-art (NSOTA) plastic distribution pipeline segments, and the BSRP, which consists of replacement of vintage NSOTA steel distribution pipeline segments. These plans fall under the Distribution Risk Evaluation and Monitoring System (DREAMS) umbrella.	SCG-09 AK-TS-83 to AK-TS-85 CWP 002770.001
Capital	GAS INTEGRITY PROGRAMS	DIMP	Incident Related to the Medium Pressure System (Excluding Dig-in)	DIMP - Distribution Risk Evaluation and Monitoring System (DREAMS)	Steel - Main (BSRP)	No	N/A	DIMP Capital activities in budget code 277 include installations, replacements, and other risk mitigation or remediation activities driven by DIMP Projects and Activities to Address Risk (PAARs). These costs are associated with executing the VIPP, which consists of replacement of vintage non-state-of-the-art (NSOTA) plastic distribution pipeline segments, and the BSRP, which consists of replacement of vintage NSOTA steel distribution pipeline segments. These plans fall under the Distribution Risk Evaluation and Monitoring System (DREAMS) umbrella.	SCG-09 AK-TS-83 to AK-TS-85 CWP 002770.001
Capital	GAS INTEGRITY PROGRAMS	DIMP	Incident Related to the Medium Pressure System (Excluding Dig-in)	DIMP - Gas Infrastructure Protection Program (GIPP)	Meter & Beyond	No	N/A	DIMP Capital activities in budget code 277 include installations, replacements, and other risk mitigation or remediation activities driven by DIMP Projects and Activities to Address Risk (PAARs). These costs are associated with executing the GIPP, which is driven by risk mitigation of third-party damage associated with aboveground pressurized facilities and includes installation of protection measures (e.g., bollards or block walls).	SCG-09 AK-TS-83 to AK-TS-85 CWP 002770.002
Capital	**GAS INTEGRITY PROGRAMS**	**SubTotal DIMP**				**Yes**			
Capital	GAS INTEGRITY PROGRAMS	DIMP DATA MANAGEMENT - IT	Incident Related to the Medium Pressure System (Excluding Dig-in)	DIMP - Distribution Risk Evaluation and Monitoring System (DREAMS)	Plastic - Main (VIPP)	No	N/A		
Capital	GAS INTEGRITY PROGRAMS	DIMP DATA MANAGEMENT - IT	Incident Related to the Medium Pressure System (Excluding Dig-in)	DIMP - Distribution Risk Evaluation and Monitoring System (DREAMS)	Steel - Main (BSRP)	No	N/A		
Capital	GAS INTEGRITY PROGRAMS	DIMP DATA MANAGEMENT - IT	Incident Related to the Medium Pressure System (Excluding Dig-in)	DIMP - Gas Infrastructure Protection Program (GIPP)	Meter & Beyond	No	N/A		
Capital	**GAS INTEGRITY PROGRAMS**	**SubTotal DIMP DATA MANAGEMENT - IT**				**Yes**			
Capital	GAS INTEGRITY PROGRAMS	TIMP DATA MANAGEMENT - IT	Asset and Records Management	Establishing a Data Lake	Overall	No	N/A	TIMP Capital activities in budget code 756 include enhancements to TIMP data management such as software upgrades (e.g., new applications). These costs are specific to a new data application build for Enterprise Asset Management.	SCG-09 AK-TS-74 to AK-TS-83 CWP P07561.002
Capital	GAS INTEGRITY PROGRAMS	TIMP DATA MANAGEMENT - IT	Incident Related to the High Pressure System (Excluding Dig-in)	Integrity Assessments & Remediation (HCA and Non-HCA)	Transmission - HCA	No	N/A		
Capital	GAS INTEGRITY PROGRAMS	TIMP DATA MANAGEMENT - IT	Incident Related to the High Pressure System (Excluding Dig-in)	Integrity Assessments & Remediation (HCA and Non-HCA)	Transmission - Non-HCA	No	N/A		
Capital	**GAS INTEGRITY PROGRAMS**	**SubTotal TIMP DATA MANAGEMENT - IT**				**Yes**			
Capital	GAS INTEGRITY PROGRAMS	TIMP - DISTRIBUTION	Incident Related to the High Pressure System (Excluding Dig-in)	Integrity Assessments & Remediation (HCA and Non-HCA)	Transmission - HCA	No	N/A	TIMP Capital activities in budget code 276 include retrofitting pipelines for in-line inspection capability, replacements, and other capital remediation as a result of assessment findings on the DOT-defined transmission pipelines operated by the Distribution organization.	SCG-09 AK-TS-74 to AK-TS-83 CWP 002760

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Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Status Variance Explanation	WP Activity Description	2024 GRC Testimony Location
Capital	GAS INTEGRITY PROGRAMS	TIMP - DISTRIBUTION	Incident Related to the High Pressure System (Excluding Dig-in)	Integrity Assessments & Remediation (HCA and Non-HCA)	Transmission - Non-HCA	No	N/A	TIMP Capital activities in budget code 226 include retrofitting pipelines for in-line inspection capability, replacements, and other capital remediation as a result of assessment findings on the DOT-defined transmission pipelines operated by the Distribution organization.	SCG-09 AK-TS-74 to AK-TS-83 CWP 032760
Capital	**GAS INTEGRITY PROGRAMS**	**SubTotalTIMP - DISTRIBUTION**				**Yes**			
Capital	GAS INTEGRITY PROGRAMS	TIMP	Incident Related to the High Pressure System (Excluding Dig-in)	Integrity Assessments & Remediation (HCA and Non-HCA)	Transmission - HCA	No	N/A	TIMP Capital activities in budget code 312 include retrofitting pipelines for in-line inspection capability, replacements, and other capital remediation as a result of assessment findings on the DOT-defined transmission pipelines operated by the Transmission organization.	SCG-09 AK-TS-74 to AK-TS-83 CWP P03120
Capital	GAS INTEGRITY PROGRAMS	TIMP	Incident Related to the High Pressure System (Excluding Dig-in)	Integrity Assessments & Remediation (HCA and Non-HCA)	Transmission - Non-HCA	No	N/A	TIMP Capital activities in budget code 312 include retrofitting pipelines for in-line inspection capability, replacements, and other capital remediation as a result of assessment findings on the DOT-defined transmission pipelines operated by the Transmission organization.	SCG-09 AK-TS-74 to AK-TS-83 CWP P03120
Capital	**GAS INTEGRITY PROGRAMS**	**SubTotalTIMP**				**Yes**			
Capital	GAS INTEGRITY PROGRAMS	SIMP	Incident Related to the Storage System (Excluding Dig-in)	Integrity Demonstration, Verification, and Monitoring Practices	Underground Components	No	N/A		
Capital	GAS INTEGRITY PROGRAMS	SIMP	Incident Related to the Storage System (Excluding Dig-in)	SIMP Well Abandonment and Replacement	Underground Components	No	N/A	SIMP capital activities in budget code 441 are driven by remediation as a result of integrity inspections on gas storage wells. Under certain circumstances, SoCalGas may abandon a well rather than continue to utilize it for gas storage operations. These costs are associated with forecasted abandonment activities.	SCG-09 AK-TS-85 to AK-TS-88 CWP 004410
Capital	**GAS INTEGRITY PROGRAMS**	**SubTotalSIMP**				**Yes**			

SoCalGas GAS DISTRIBUTION GAS DISTRIBUTION Capital - Balanced
Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Project Life (Years)	Project Year	Actual Cost 2024	Actual Cost 2025	Actual Cost 2026	Actual Cost 2027	Actual Cost to Date ($)	Imputed Authorized Cost 2024	Imputed Authorized Cost 2025	Imputed Authorized Cost 2026	Imputed Authorized Cost 2027	Imputed Authorized Cost to Date ($)
Capital	GAS DISTRIBUTION	GAS DISTRIBUTION				Yes			12,690	—	—	—	12,690	15,138	15,592	16,060	16,541	15,138
Capital	GAS DISTRIBUTION	NEW BUSINESS CONSTRUCTION- BALANCED	Non-RAMP	Non-RAMP	Non-RAMP	No	On-going	Annual	12,313	—	—	—	12,313	13,837	14,252	14,680	15,120	13,837
Capital	GAS DISTRIBUTION	NEW BUSINESS CONSTRUCTION- BALANCED	Incident Related to the Medium Pressure System (Excluding Dig-in)	Safety Related Field Orders	Meter and Beyond the Meter	No	On-going	Annual	377	—	—	—	377	1,301	1,340	1,380	1,421	1,301
Capital	**GAS DISTRIBUTION**	**SubTotal NEW BUSINESS CONSTRUCTION- BALANCED**				**Yes**			**12,690**	**—**	**—**	**—**	**12,690**	**15,138**	**15,592**	**16,060**	**16,541**	**15,138**
Capital	GAS DISTRIBUTION	NEW BUSINESS TRENCH REIMBURSEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No			—	—	—	—	—	347	357	368	379	347
Capital	**GAS DISTRIBUTION**	**SubTotal NEW BUSINESS TRENCH REIMBURSEMENT**				**Yes**			**—**	**—**	**—**	**—**	**—**	**347**	**357**	**368**	**379**	**347**

SoCalGas GAS DISTRIBUTION GAS DISTRIBUTION Capital - Balanced
Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Annual Cost Difference 2024	Annual Cost Difference 2025	Annual Cost Difference 2026	Annual Cost Difference 2027	Cost to Date Difference ($)	Annual Cost Percent Variance 2024	Annual Cost Percent Variance 2025	Annual Cost Percent Variance 2026	Annual Cost Percent Variance 2027	Cost to Date Percent Variance
Capital	GAS DISTRIBUTION	GAS DISTRIBUTION				Yes	(2,795)	(13,940)	(16,421)	(14,921)	(2,795)	-14%	-100%	-100%	-100%	-14%
Capital	GAS DISTRIBUTION	NEW BUSINESS CONSTRUCTION- BALANCED	Non-RAMP	Non-RAMP	Non-RAMP	No	(1,524)	(14,252)	(14,680)	(15,120)	(1,524)	-1%	-100%	-100%	-100%	-1%
Capital	GAS DISTRIBUTION	NEW BUSINESS CONSTRUCTION- BALANCED	Incident Related to the Medium Pressure System (Excluding Dig-in)	Safety Related Field Orders	Meter and Beyond the Meter	No	(924)	(1,340)	(1,380)	(1,421)	(924)	-71%	-100%	-100%	-100%	-71%
Capital	**GAS DISTRIBUTION**	**SubTotal NEW BUSINESS CONSTRUCTION- BALANCED**				**Yes**	**(2,448)**	**(15,592)**	**(16,060)**	**(16,541)**	**(2,448)**	**-16%**	**-100%**	**-100%**	**-100%**	**-16%**
Capital	GAS DISTRIBUTION	NEW BUSINESS TRENCH REIMBURSEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	(347)	(357)	(368)	(379)	(347)	-100%	-100%	-100%	-100%	-100%
Capital	**GAS DISTRIBUTION**	**SubTotal NEW BUSINESS TRENCH REIMBURSEMENT**				**Yes**	**(347)**	**(357)**	**(368)**	**(379)**	**(347)**	**-100%**	**-100%**	**-100%**	**-100%**	**-100%**

SoCalGas GAS DISTRIBUTION GAS DISTRIBUTION Capital - Balanced
Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Unit of Measure (Unit Type)	Actual Units 2024	Actual Units 2025	Actual Units 2026	Actual Units 2027	Actual Units to Date	Imputed Authorized Units 2024	Imputed Authorized Units 2025	Imputed Authorized Units 2026	Imputed Authorized Units 2027	Imputed Authorized Units to Date	Annual Units Difference 2024	Annual Units Difference 2025	Annual Units Difference 2026	Annual Units Difference 2027	Units to Date Difference	Annual Units Percent Variance 2024	Annual Units Percent Variance 2025	Annual Units Percent Variance 2026	Annual Units Percent Variance 2027	Units to Date Percent Variance
Capital	GAS DISTRIBUTION	GAS DISTRIBUTION				Yes																					
Capital	GAS DISTRIBUTION	NEW BUSINESS CONSTRUCTION- BALANCED	Non-RAMP	Non-RAMP	Non-RAMP	No	New business meters installed	14,951				14,951	16,886				16,886	(1,935)	0	0	0	(1,935)	(11)%	0 %	0 %	0 %	(11)%
Capital	GAS DISTRIBUTION	NEW BUSINESS CONSTRUCTION- BALANCED	Incident Related to the Medium Pressure System (Excluding Dig-in)	Safety Related Field Orders	Meter and Beyond the Meter	No	Work orders issued	31,124				31,124	30,394				30,394	730	0	0	0	730	2 %	0 %	0 %	0 %	2 %
Capital	**GAS DISTRIBUTION**	**SubTotal NEW BUSINESS CONSTRUCTION- BALANCED**				**Yes**																					
Capital	GAS DISTRIBUTION	NEW BUSINESS TRENCH REIMBURSEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No												0					0%			0%	
Capital	**GAS DISTRIBUTION**	**SubTotal NEW BUSINESS TRENCH REIMBURSEMENT**				**Yes**																					

SoCalGas GAS DISTRIBUTION GAS DISTRIBUTION Capital - Balanced
Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Safety, Reliability, or Maintenance?	Spending Variance Explanation Required?	Unit Variance Explanation Required?	Cost Variance Explanation	Unit Variance Explanation	Forecast Scope Status	Forecast Schedule Status	Forecast Spending Status	Status	Status Variance Explanation Required?
Capital	GAS DISTRIBUTION	GAS DISTRIBUTION				Yes										
Capital	GAS DISTRIBUTION	NEW BUSINESS CONSTRUCTION- BALANCED	Non-RAMP	Non-RAMP	Non-RAMP	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	GAS DISTRIBUTION	NEW BUSINESS CONSTRUCTION- BALANCED	Incident Related to the Medium Pressure System (Excluding Dig-in)	Safety Related Field Orders	Meter and Beyond the Meter	No	YES	NO	NO	N/A	N/A	On Target (T)	On Target (T)	On Target (T)	Proceeding as Planned	NO
Capital	**GAS DISTRIBUTION**	**SubTotal NEW BUSINESS CONSTRUCTION- BALANCED**				**Yes**	**YES**	**NO**								**NO**
Capital	GAS DISTRIBUTION	NEW BUSINESS TRENCH REIMBURSEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No	NO	NO	NO							NO
Capital	**GAS DISTRIBUTION**	**SubTotal NEW BUSINESS TRENCH REIMBURSEMENT**				**Yes**	**NO**	NO								YES

SoCalGas GAS DISTRIBUTION GAS DISTRIBUTION Capital - Balanced
Balanced

Type	Witness Area (Line of Business)	WP Activity Description (Spending Category)	RAMP Risk Chapter	RAMP Mitigation Activity	RAMP Tranche	Roll-up	Status Variance Explanation	WP Activity Description	2024 GRC Testimony Location
Capital	GAS DISTRIBUTION	GAS DISTRIBUTION				Yes			
Capital	GAS DISTRIBUTION	NEW BUSINESS CONSTRUCTION- BALANCED	Non-RAMP	Non-RAMP	Non-RAMP	No	N/A	The activities of this category include installation of gas mains and services, meter set assemblies, regulator stations and the associated facilities necessary to provide service to new customers	SCG-04-R-E MAA-78 to MAA-81 CWP001510.0
Capital	GAS DISTRIBUTION	NEW BUSINESS CONSTRUCTION- BALANCED	Incident Related to the Medium Pressure System (Excluding Dig-in)	Safety Related Field Orders	Meter and Beyond the Meter	No	N/A	Field service technicians respond to the customer orders taken by the Customer Call Center. They are trained to rectify safety hazards on customer premises in order to maintain safe operations of Company facilities. Some of these customer requests are safety related, such as checking appliances upon move in. However, any customer call about a gas leak, both hazardous and non-hazardous, is dispatched to a field service technician to perform a gas leak investigation. SoCalGas requires that all hazardous and non-hazardous leak orders are responded to by a field technician within the same day of receiving the customer call, with the response to the highest priority gas leak orders within 30 minutes.	SCG-04-R-E MAA-78 to MAA-81 CWP001510.001
Capital	**GAS DISTRIBUTION**	**SubTotal NEW BUSINESS CONSTRUCTION- BALANCED**				**Yes**			
Capital	GAS DISTRIBUTION	NEW BUSINESS TRENCH REIMBURSEMENT	Non-RAMP	Non-RAMP	Non-RAMP	No			
Capital	**GAS DISTRIBUTION**	**SubTotal NEW BUSINESS TRENCH REIMBURSEMENT**				**Yes**			

C. SoCalGas Regulatory Account 2024 Cumulative Balances

i. SoCalGas Regulatory Accounts – TIMPBA

SoCalGas TIMPBA Details Revenue Requirements ($000) Program Cycle 2024-2027 One-Way						
	(a)	(b)	(c)	(d) = (b) - (c)	(e)	(f) = (a) + (d) + (e)
	Beginning Balance	**Actual**	**Authorized**	**Under/(Over) Collection**	**Interest**	**Ending Balance**
Year 2024						
Beginning Balance	—					—
PPA	22					22
O&M		150,515	106,067	44,448		44,448
Capital-Related Costs		(27,273)	(38,930)	11,657		11,657
Interest					886	886
Subtotal	**22**	**123,242**	**67,137**	**56,105**	**886**	**57,013**

ii. SoCalGas Regulatory Accounts – DIMPBA

SoCalGas DIMPBA Details Revenue Requirements ($000) Program Cycle 2024-2027 One-Way						
	(a)	(b)	(c)	(d) = (b) - (c)	(e)	(f) = (a) + (d) + (e)
	Beginning Balance	**Actual**	**Authorized**	**Under/(Over) Collection**	**Interest**	**Ending Balance**
Year 2024						
Beginning Balance	—					—
O&M		41,029	51,839	(10,810)		(10,810)
Capital-Related Costs		(5,499)	(3,552)	(1,947)		(1,947)
Interest					(273)	(273)
Subtotal	**—**	**35,530**	**48,287**	**(12,757)**	**(273)**	**(13,030)**

iii. SoCalGas Regulatory Account – SIMPBA

SoCalGas SIMPBA Details Revenue Requirements ($000) Program Cycle 2024-2027 One-Way						
	(a)	(b)	(c)	(d) = (b) - (c)	(e)	(f) = (a) + (d) + (e)
	Beginning Balance	**Actual**	**Authorized**	**Under/(Over) Collection**	**Interest**	**Ending Balance**
Year 2024						
Beginning Balance	—					—
O&M		16,800	18,649	(1,849)		(1,849)
Capital-Related Costs		(785)	(5,228)	4,443		4,443
Interest					175	175
Subtotal	**—**	**16,015**	**13,421**	**2,594**	**175**	**2,769**

iv. SoCalGas Regulatory Accounts – RD&D

SoCalGas RD&D Expense Account Details Revenue Requirements ($000) Program Cycle 2024-2027 One-Way						
	(a)	(b)	(c)	(d) = (b) - (c)	(e)	(f) = (a) + (d) + (e)
	Beginning Balance	**Actual**	**Authorized**	**Under/(Over) Collection**	**Interest**	**Ending Balance**
Year 2024						
Beginning Balance 2019-2023	(10,084)					(10,084)
Beginning Balance 2024-2027						—
O&M 2019-2023		8,906		8,906		8,906
O&M 2024-2027		(370)	17,853	(18,223)		(18,223)
Interest 2019-2023					(363)	(363)
Interest 2024-2027					(431)	(431)
Subtotal	**(10,084)**	**8,536**	**17,853**	**(9,317)**	**(794)**	**(20,195)**

v. SoCalGas Regulatory Accounts - L235MA

SoCalGas L235MA Details Revenue Requirements ($000)						
	(a)	(b)	(c)	(d) = (b) - (c)	(e)	(f) = (a) + (d) + (e)
	Beginning Balance	**Actual**	**Authorized**	**Under/(Over) Collection**	**Interest**	**Ending Balance**
Year 2024						
Beginning Balance	835					835
PPA	0					0
O&M		737		737		737
Capital-Related Costs						
Interest					64	64
Subtotal	**836**	**737**		**737**	**64**	**1,637**

vi. SoCalGas Regulatory Accounts - PBA

SoCalGas PBA Details Revenue Requirements ($000) Program Cycle 2024 – 2027 Two-Way						
	(a)	(b)	(c)	(d) = (b) - (c)	(e)	(f) = (a) + (d) + (e)
	Beginning Balance	**Actual**	**Authorized**	**Under/(Over) Collection**	**Interest**	**Ending Balance**
Year 2024						
Beginning Balance	22,789					22,789
PPA	1,302					1,302
O&M		145,263	125,264	19,999		19,999
Capital-Related Costs		1,602	2,628	(1,026)		(1,026)
Amortization		(23,028)		(23,028)		(23,028)
Interest					(559)	(559)
Subtotal	**24,091**	**123,837**	**127,892**	**(4,055)**	**(559)**	**19,477**

vii. SoCalGas Regulatory Accounts - PBOPBA

SoCalGas PBOPBA Details Revenue Requirements ($000) Program Cycle 2024-2027 Two-Way						
	(a)	(b)	(c)	(d) = (b) - (c)	(e)	(f) = (a) + (d) + (e)
	Beginning Balance	**Actual**	**Authorized**	**Under/(Over) Collection**	**Interest**	**Ending Balance**
Year 2024						
Beginning Balance	(858)					(858)
PPA	158					158
O&M		(3,523)	(119)	(3,404)		(3,404)
Capital-Related Costs		218	11	207		207
Amortization		994		994		994
Interest					(99)	(99)
Subtotal	**(700)**	**(2,311)**	**(108)**	**(2,203)**	**(99)**	**(3,002)**

viii. SoCalGas Regulatory Accounts - PSEPMA - GRC Subaccount Only

SoCalGas PSEPMA - GRC Subaccount Details Revenue Requirements ($000) Program Cycle 2024-2027						
	(a)	(b)	(c)	(d) = (b) - (c)	(e)	(f) = (a) + (d) + (e)
	Beginning Balance	**Actual**	**Authorized**	**Under/(Over) Collection**	**Interest**	**Ending Balance**
Year 2024						
Beginning Balance	—					—
O&M						
Capital-Related Costs		—		—		—
Interest					—	—
Subtotal	**—**	**—**		**—**	**—**	**—**

ix. SoCalGas Regulatory Accounts - NERBA - Excluding NGLAP Subaccount

SoCalGas NERBA Details Revenue Requirements ($000) Program Cycle 2024-2027 One-Way						
	(a)	(b)	(c)	(d) = (b) - (c)	(e)	(f) = (a) + (d) + (e)
	Beginning Balance	**Actual**	**Authorized**	**Under/(Over) Collection**	**Interest**	**Ending Balance**
Year 2024						
Beginning Balance	16,746					16,746
PPA	(1,103)					(1,103)
O&M		24,792	18,728	6,064		6,064
Capital-Related Costs		—	—	—		—
Amortization		(17,404)		(17,404)		(17,404)
Interest					515	515
Subtotal	**15,643**	**7,388**	**18,728**	**(11,340)**	**515**	**4,818**

x. SoCalGas Regulatory Accounts - LIPBA

SoCalGas LIPBA Details Revenue Requirements ($000) Program Cycle 2024-2027 Two-Way						
	(a)	(b)	(c)	(d) = (b) - (c)	(e)	(f) = (a) + (d) + (e)
	Beginning Balance	**Actual**	**Authorized**	**Under/(Over) Collection**	**Interest**	**Ending Balance**
Year 2024						
Beginning Balance	23,246					23,246
PPA	1,239					1,239
O&M		45,030	55,600	(10,570)		(10,570)
Capital-Related Costs		1,807	1,075	732		732
Amortization		(23,670)		(23,670)		(23,670)
Interest					196	196
Subtotal	**24,485**	**23,167**	**56,675**	**(33,508)**	**196**	**(8,827)**

xi. SoCalGas Regulatory Accounts - GLEBA

SoCalGas GLEBA Details Revenue Requirements ($000) Program Cycle 2024-2027 One-Way						
	(a)	(b)	(c)	(d) = (b) - (c)	(e)	(f) = (a) + (d) + (e)
	Beginning Balance	**Actual**	**Authorized**	**Under/(Over) Collection**	**Interest**	**Ending Balance**
Year 2024						
Beginning Balance						—
Capital-Related Costs				—		—
Interest						—
Subtotal	—	—	—	—	—	—

xii. SoCalGas Regulatory Accounts - GRCMA

SoCalGas GRCMA Details Revenue Requirements ($000) Program Cycle 2024-2027 One-Way						
	(a)	(b)	(c)	(d) = (b) - (c)	(e)	(f) = (a) + (d) + (e)
	Beginning Balance	**Actual**	**Authorized**	**Under/(Over) Collection**	**Interest**	**Ending Balance**
Year 2024						
Beginning Balance	—					—
Costs: 2024 GRC Authorized Base Margin			(3,690,269)	3,690,269		3,690,269
Revenues: Base Margin in Current Rates		(3,345,956)		(3,345,956)		(3,345,956)
Interest					9,201	9,201
Subtotal	**—**	**(3,345,956)**	**(3,690,269)**	**344,313**	**9,201**	**353,514**

xiii. SoCalGas Regulatory Accounts - RRMA

SoCalGas RRMA Details Revenue Requirements ($000) Program Cycle 2024-2027						
	(a)	(b)	(c)	(d) = (b) - (c)	(e)	(f) = (a) + (d) + (e)
	Beginning Balance	**Actual**	**Authorized**	**Under/(Over) Collection**	**Interest**	**Ending Balance**
Year 2024						
Beginning Balance	(188)					(188)
Revenues: Royalty Revenues		(135)		(135)		(135)
Amortization		154		154		154
Interest					(10)	(10)
Subtotal	**(188)**	**19**	**—**	**19**	**(10)**	**(179)**

D. SoCalGas Balanced Program Regulatory Account Disposition of Cost Recovery

i. TIMPBA, DIMPBA & SIMPBA

Per D.24-12-074, the TIMPBA, DIMPBA and SIMPBA converted from two-way to one-way balancing accounts for the duration of the 2024 GRC cycle. Any over- or under-collected balance at the end of each year within the GRC cycle will be carried over to the following year. For any over-collected balance remaining at the end of the GRC cycle, SoCalGas will propose in its next GRC proceeding to refund the over-collected balance to ratepayers in customer transportation rates. Any under-collected balance that may result in each of the programs will be recorded in their corresponding memorandum account.

On November 17, 2023, SoCalGas submitted Tier 3 Advice Letter 6224-G for recovery of the DIMPBA under-collection balance of approximately $81.4 million as of January 31, 2023. The advice letter is pending Commission approval.

On February 7, 2025, SoCalGas submitted Tier 3 Advice Letter 6442-G for recovery of the SIMPBA under-collection balance of approximately $54.4 million as of December 31, 2024. The advice letter is pending Commission approval.

On April 30, 2025, SoCalGas submitted an application for recovery of the remaining under-collection balance of approximately $173.8 million for TIMP expenditures greater than 135% of total authorized TIMP expenditures incurred during the period September 1, 2022 to December 31, 2023.

ii. TIMPMA, DIMPMA & SIMPMA (same for all three programs)

Per D.24-12-074, SoCalGas will record the actual revenue requirement above authorized levels for each program in the TIMPBA, DIMPMA, and SIMPMA. The balances recorded in these memorandum accounts are subject to a reasonableness review in SoCalGas's next GRC or other applicable proceeding and will be included in gas rates upon Commission approval.

iii. Research Development and Demonstration Expense Account (RDDEA)

The RDDEA is a one-way regulatory account. Pursuant to D.24-12-074, the RDDEA will continue through the 2024 GRC cycle. Any over- or under-collected balance at the end of each year within the GRC cycle will be carried over to the following year. Under-collections at the end of the GRC cycle may not be recovered from ratepayers and shareholders will absorb the balance in the event actual expenses exceed authorized levels. The 2024 GRC decision authorized the 2024 Research Development and Demonstration (RD&D) funding and continues the Tier 3 advice letter approval process for the RD&D detailed plan.

On April 3, 2024, Ordering Paragraph 3 of Resolution G-3601 approved the Tier 2 Advice Letter 6273-G authorizing SoCalGas to spend its 2023 RD&D Plan funding during the 2024 calendar year. These dollars are separately shown in the table above iv. SoCalGas Regulatory Accounts – RD&D, which are in addition to the dollars approved by the TY 2024 GRC decision.

iv. Line 235 Memorandum Account (L235MA)

SoCalGas may seek amortization of the PSEP Cost Subaccount balance of the L235MA in a Tier 2 advice letter submitted at the conclusion of Line 235 West Sections 1 and 2 testing or replacement. The Tier 2 advice letter must provide clear accounting delineations of which costs are subject to the TIMP and which costs are subject to the PSEP. Such PSEP costs shall not be placed into rates for recovery and such TIMP costs shall be made subject to refund until the advice letter is approved.[1]

v. Pension Balancing Account (PBA)

Pursuant to D.24-12-074, SoCalGas will continue to amortize the projected year-end PBA balance in connection with its annual regulatory account balance update submittal for rates effective January 1 of the following year. The projected year-end balance will be allocated on an Equal Percent of Authorized Margin (EPAM) basis.

vi. Post-Retirement Benefits Other than Pensions Balancing Account (PBOPBA)

Pursuant to D.24-12-074, SoCalGas will continue to amortize the projected year-end PBOPBA balance in connection with its annual regulatory account balance update submittal for rates effective January 1 of the following year. The projected year-end balance will be allocated on an EPAM basis.

vii. Pipeline Safety Enhancement Plan Memorandum Account (PSEPMA) - GRC Subaccount Only

The GRC subaccount of the PSEPMA will record the revenue requirement related to PSEP spending above authorized levels pursuant to D.24-12-074 and Advice Letter 6477-G. The balance will be addressed in SoCalGas's next GRC or other applicable proceeding.

viii. New Environmental Regulation Balancing Account (NERBA) - Excluding NGLAP Subaccount

Pursuant to D.24-12-074, the NERBA is converted from a two-way to a one-way balancing account for the Assembly Bill (AB) 32 Admin Fees, Subpart W, and Leak Detection

[1] *See* D.19-09-051 (OP 13).

and Repair (LDAR) subaccounts. These subaccounts are authorized for the four-year GRC period and will record actual costs up to authorized levels pursuant to D.24-12-074. Any over- or under-collected balance at the end of each year within the GRC cycle will be carried over to the following year. For any overcollection at the end of the current GRC cycle, SoCalGas will propose in its next GRC proceeding to return the unspent funds in customer transportation rates. Any undercollection for each subaccount, excluding the NGLAP Subaccount, will be recorded to the New Environmental Regulation Memorandum Account (NERMA).

ix. New Environmental Regulation Memorandum Account (NERMA)

Pursuant to D.24-12-074, the NERMA will record any O&M and capital revenue requirement associated with expenditures above authorized levels for the NERBA. NERMA consists of three subaccounts: AB 32 Admin Fees, Subpart W, and LDAR. The balance in the NERMA is subject to reasonableness review in SoCalGas's next GRC or other applicable proceeding and will be included in gas transportation rates upon Commission approval.

x. Liability Insurance Premium Balancing Account (LIPBA)

The purpose of this account is to record the difference between the authorized revenue requirement specific to liability insurance premiums (LIP) charged to SoCalGas from Sempra Corporate Center and the actual expenses incurred and charged to SoCalGas. Pursuant to D.24-12-074, the LIPBA will include three subaccounts:

1. The Under-Limits Subaccount records the difference between the authorized and actual recorded costs for liability insurance;
2. The Over-Limits Subaccount records the costs of liability insurance that provides coverage beyond the level authorized in the current GRC; and
3. The Self-Insurance Subaccount that the Commission approved as part of the Insurance Settlement to administer accruals if Sempra exercises the self-insurance option.

The following provisions will apply to Wildfire Events, as defined in the Settlement Agreement, and claims related thereto:

a. For the Under-Limits subaccount, if there have been no wildfire claims for a period of 24 months prior to submission of a request for rate recovery, SoCalGas will amortize the balance in customers' gas transportation rates in connection with its annual regulatory account update advice letter submittal. If there are wildfire claims within the 24-month period

prior to submission of a request for rate recovery, SoCalGas may submit a Tier 3 advice letter to seek recovery of the Under-Limits subaccount balance.

b. For the Over-Limits subaccounts, if the Wildfire Fund Administrator increases the threshold amount of eligible claims for access of the Wildfire Fund above $1 billion, SoCalGas may submit a Tier 2 advice letter to seek rate recovery of the costs of obtaining additional wildfire liability insurance for claims up to but no greater than the new threshold amount. If the Wildfire Fund Administrator keeps the threshold amount of eligible claims for access to the Wildfire Fund at $1 billion, SoCalGas may receive a rate recovery of costs of wildfire liability insurance coverage in excess of $1 billion only if authorized by a Tier 3 advice letter.

c. For the Self-Insurance Subaccount, if there have been no wildfire claims, the Self-Insurance Subaccount balance as of the end of the GRC cycle will be addressed in the next GRC proceeding. If there have been wildfire claims, SoCalGas may submit a Tier 3 advice letter to request the recovery of the Self-Insurance costs and replenishment of the Self-Insurance accruals.

xi. Gas Line Extension Balancing Account (GLEBA)

Pursuant to D.24-12-074, GLEBA is a one-way balancing account and will track actual capital revenue requirement from the elimination of line extension subsidies in D.22-09-026 for certain gas line extension projects up to authorized levels. The GLEBA is authorized for the four-year GRC period or until the effective implementation date of SoCalGas's next GRC. Any over- or under-collected balance at the end of each year within the GRC cycle will be carried over to the following year. For any over-collected balance at the end of each GRC cycle, SoCalGas shall propose in its next GRC proceeding to refund the balance to ratepayers in customer transportation rates. Under-collected balances may not be recovered from ratepayers in the event the actual revenue requirement exceeds authorized levels.

xv. General Rate Case Memorandum Account 2024 (GRCMA2024)

The GRCMA2024 is effective January 1, 2024 and consists of two subaccounts:

a. GRC Subaccount – Pursuant to D.23-05-012, the purpose of this subaccount is to record the shortfall or overcollection resulting from the difference between the revenue requirement and corresponding rates in effect on January 1, 2024 for utility service and the final revenue requirement and corresponding rates adopted by the Commission in a decision for A. 22-05-015, SoCalGas's 2024 GRC.

b. CCM Subaccount – The purpose of this subaccount is to record an adjustment for the Cost of Capital mechanism (CCM) pursuant to D.22-12-031 as described in Advice No. (AL) 6207 and track the difference in authorized rate of return and corresponding rates in effect on January 1, 2024 and the final authorized rate of return upon approval of AL 6207.

The GRCMA2024 will be amortized in connection with the implementation of GRC rates adopted in D.24-12-074 for A.22-05-015 over an 18-month period beginning February 1, 2025, the date of SoCalGas 2024 GRC rate implementation. In its annual October annual regulatory account balance update filing, SoCalGas will update the projected year-end interest balance for amortization in 2026 rates.

xvi. Research Royalty Memorandum Account (RRMA)

The RRMA tracks actual revenues from ratepayer-funded research programs. Pursuant to D.24-12-074, revenues are subject to a revenue sharing mechanism which allocates 75% of revenues to ratepayers and the remaining 25% to shareholders for projects for the period commencing on or after January 1, 2024. In each annual October regulatory account balance update submittal, SoCalGas will amortize the projected year-end RRMA balance in gas transportation rates effective January 1 of the following year.

xvii. Gas Safety Enhancement Plan Memorandum Account (GSEPMA)

Pursuant to D.24-12-074, the GSEPMA will record the revenue requirement associated with O&M and capital expenditures in excess of the amounts authorized for the Gas Safety Enhancement Plan (GSEP). The balance of the GSEPMA will be addressed in SoCalGas's next GRC or other applicable proceeding.

ATTACHMENT C – GRC Testimony and Workpaper Hyperlinks

SDG&E and SoCalGas 2024 Risk Spending Accountability Report
Attachment C
SoCalGas TY 2024 GRC Hyperlinks

TY 2024 GRC A.22-05-015/016														
Exh. No.	**Exh. Title**	**Witness Name on Testimony**	**Testimony**	**O&M Workpapers**	**Capital Workpapers**	**Supplemental Workpapers**	**Supplemental Workpapers**	**Supplemental Workpapers**	**Supplemental Workpapers**	**Supplemental Workpapers**	**Supplemental Workpapers**	**Supplemental Workpapers**	**Supplemental Workpapers**	**Supplemental Workpapers**
SCG-01-2R	Policy Overview	Maryam Brown	SCG-01-2R Policy	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SCG-02-R, Ch 1 SCG-02, Ch 2	Sustainability and Climate Policy	Jonathan Peress and Michelle Sim	SCG-02-R Sustainability Climate Change	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SCG-03-2R-E/SDGE-03-2R-E	Risk Management Policy (Chapter 1) and RAMP to GRC Integration (Chapter 2)	Deana Ng, Gregory Flores, and Scott Pearson	SCG-03-2R-E/ SDG&E-03-2R-E: Risk Management	SCG-03 WP-R RAMP to GRC	SCG-03 CWP-2R RAMP to GRC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SCG-03-S-2R-E/SDGE-03-S-2R-E	Post-Test Year Risk Spend Efficency Calculations	Gregory Flores and Scott Pearson	SCG-03-S-2R-E/ SDG&E-03-S-2R-E Post-Test Year Risk	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SCG-04-R-E	Gas Distribution	Mario Aguirre	SCG-04-R-E Gas Distribution	SCG-04 WP-R-2E Gas Distribution	SCG-04 CWP-R Gas Distribution	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SCG-05	Gas System Staff and Technology	Wallace Rawls	SCG-05 Gas System Staff and Technology	SCG-05 WP-R Gas Staff and Technology	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SCG-06-2R-E	Gas Transmission Operations and Construction	Chiapa, Hruby and Bell	SCG-06-2R-E Gas Transmission Operations and Construction	SCG-06 WP-R-E Gas Transmission Operations and Construction	SCG-06 CWP-R-E Gas Transmission Operations and Construction	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SCG-07-R	Gas Engineering	Maria Martinez	SCG-07-R Gas Engineering	SCG-07 WP-R Gas Engineering	SCG-07 CWP-R Gas Engineering	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SCG-08	Pipeline Safety Enhancement Plan (PSEP)	Bill Kostelnik	SCG-08 Pipeline Safety Enhancement Plan (PSEP)	SCG-08 WP Pipeline Safety Enhancement Plan (PSEP)	SCG-08 CWP-E Pipeline Safety Enhancement Plan (PSEP)	SCG-08 WP-S Pipeline Saftety Enhancement Plan (PSEP) v.1	SCG-08 WP-S Pipeline Saftety Enhancement Plan (PSEP) v.2	SCG-08 WP-S Pipeline Saftety Enhancement Plan (PSEP) v.3	SCG-08 WP-S Pipeline Saftety Enhancement Plan (PSEP) v.4	SCG-08 WP-S Pipeline Saftety Enhancement Plan (PSEP) v.5	SCG-08 WP-S Pipeline Saftety Enhancement Plan (PSEP) v.6	SCG-08 WP-S Pipeline Saftety Enhancement Plan (PSEP) v.7	SCG-08 WP-S Pipeline Saftety Enhancement Plan (PSEP) v.8
SCG-09	Gas Integrity Management Programs	Amy Kitson and Travis Sera	SCG-09 Gas Integrity Management Programs	SCG-09 WP Gas Integrity Management Programs	SCG-09 CWP Gas Integrity Management Programs	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SCG-10-R	Gas Storage Operations and Construction	Larry Bittleston; Steve Hruby	SCG-10-R Gas Storage Operations and Construction	SCG-10 WP-R-E Gas Storage Operations and Construction	SCG-10 CWP-R Gas Storage Operations and Construction	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SCG-11	Gas Acquisition	Martin F. Lazarus	SCG-11 Gas Acquisition	SCG-11 WP Gas Acquisition	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SCG-12-R	Clean Energy Innovations	Armando Infanzon	SCG-12-R Clean Energy Innovations	SCG-12 WP-R-E Clean Energy Innovations	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SCG-13	Customer Information System Replacement Program	Evan Goldman	SCG-13 CIS Replacement Program	SCG-13 WP-2E CIS Replacement Program	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SCG-14-R	Customer Services – Field and Advanced Meter Operations	Daniel J. Rendler	SCG-14-R Customer Services – Field and Advanced Meter Operations	SCG-14 WP-R-E Customer Services-Field and Advanced Meter Operations	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SCG-15-R-2E	Customer Services - Office Operations	Bernie Sides	SCG-15-R-2E Customer Services - Office Operations	SCG-15 WP-E Customer Services-Office Operations	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SCG-15-S	Customer Services - Office Operations Supplemental	Bernie Sides	SCG-15-S Customer Services - Office Operations	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SCG-16-2E	Customer Services – Information	Brian C. Prusnek	SCG-16-2E Customer Service - Information	SCG-16 WP-R-E Customer Services Information	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SCG-17-E	Supply Management, Logistics, & Supplier Diversity	Joseph Chow	SCG-17-E Supply Management, Logistics, & Supplier Diversity	SCG-17 WP Supply Management Logistics and Supplier Diversity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SCG-18-R-E	Fleet Services	Michael Franco	SCG-18-R-E Fleet Services	SCG-18 WP-R-E Fleet Services	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SCG-19-R-2E	Real Estate & Facility Operations	Brenton Guy	SCG-19-R-2E Real Estate & Facility Operations	SCG-19 WP-R Real Estate Facility Operations	SCG-19 CWP-E Redacted Real Estate Facility Operations	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SCG-20-R	Environment Services	Albert Garcia	SCG-20-R Environment Services	SCG-20 WP-R-E Environment Services	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SCG-21, Ch 1-R-E SCG-21, Ch 2-R-E	Information Technology Policy (Chapter 1) and Information Technology O&M and Capital (Chapter 2)	Ben Gordon, Tia Ballard, William Exon	SCG-21, Ch 1-R-E Information Technology SCG-21, Ch 2-R-E Informatoin Technology	SCG-21 WP-R-2E Information Technology	SCG-21 CWP-R Information Technology	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SCG-22-R	Cybersecurity	Lance Mueller	SCG-22-R Cybersecurity	SCG-22 WP-R Cybersecurity	SCG-22 CWP-R Cybersecurity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SCG-23-R-E/SDG&E-27-R-E	Corporate Center - General Administration	Derick R. Cooper	SCG-23-R-E/ SDG&E-27-R-E Corporate Center - General Administration	SCG-23-R-E/ SDG&E-27 WP-R-E Corporate Center General Administration	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

SCG-24/SDG&E-28	Corporate Center - Insurance	Dennis J. Gaughan	SCG-24/SDG&E-28 Corporate Center - Insurance	SCG-24/SDG&E-28 WP Corporate Center Insurance	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SCG-25-R-E/SDG&E-29-R-E	Corporate Center - Compensation & Benefits	Debbie S. Robinson	SCG-25-R-E/ SDG&E-29-R-E Corporate Center - Compensation & Benefits	SCG-25 WP-E Corporate Center Compensation and Benefits	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SCG-26/SDG&E-30	Corporate Center - Pension and Postretirement Benefits Other than Pension	Peter H. Andersen	SCG-26/SDG&E-30 Corporate Center - Pension and Postretirement Benefits Other than Pension	SCG-26 WP Corporate Center Pension and Postretirement Benefits Other than Pension	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SCG-27-2R-E	Safety & Risk Management Systems	Neena N. Master	SCG-27-2R-E Safety & Risk Management Systems	SCG-27 WP-R-E Safety and Risk Management Systems	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SCG-28-R-E	People and Culture Department	Abigail Nishimoto	SCG-28-R-E People and Culture Department	SCG-28 WP-R-E People and Culture Department	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SCG-29-R-E	Adminstrative and General	Sara P. Mijares	SCG-29-R-E Adminstrative and General	SCG-29 WP-R-E Administrative and General	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SCG-30-R/SDG&E-34-R	Shared Services Billing, Shared Assets Billing, Segmentation, & Capital Reassignments	Angel N. Le & Paul D. Malin	SCG-30-R/ SDG&E-34-R Shared Services Billing, Shared Assets Billing, Segmentation, & Capital Reassignments	SCG-30/SDG&E-34 WP-R Shared Services Billing Assets Billing Segmentation and Capital Reassignments	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SCG-31-2R	Rate Base	Patrick D. Moersen	SCG-31-2R Rate Base	SCG-31 WP-2R Rate Base	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SCG-32-2R	Depreciation	Dane A. Watson	SCG-32-2R Depreciation	N/A	N/A	SCG-32 WP Depreciation v.1	SCG-32 WP Depreciation v.2	SCG-32 WP Depreciation v.3	SCG-32 WP Depreciation v.4	SCG-32 WP Depreciation v.5	SCG-32 WP Depreciation v.6	SCG-32 WP Depreciation v.7	N/A
SCG-33-2R	Tax	Ragan Reeves	SCG-33-2R Tax	SCG-33 WP-2R Tax	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SCG-34-2R-E	Working Cash	Alexandra N. Hornbeck	SCG-34-2R-E Working Cash	SCG-34 WP-2R-E Working Cash	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SCG-35	Gas Customer Forecast	Scott Wilder	SCG-35 Gas Customer Forecast	SCG-35 WP Gas Customer Forecast	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SCG-36	Cost Escalation	Scott Wilder	SCG-36 Cost Escalation	SCG-36 WP Cost Escalation	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SCG-37-R	Miscellaneous Revenues	Jackie Roberts	SCG-37-R Miscellaneous Revenues	SCG-37 WP-R Misc Revenues	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SCG-38-R-E	Regulatory Accounts	Rae Marie Yu	SCG-38-R-E Regulatory Accounts	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SCG-39-2R	Summary of Earnings	Ryan Hom	SCG-39-2R Summary of Earnings	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SCG-40-2R-E	Post-Test Year Ratemaking	Khai Nguyen	SCG-40-2R-E Post-Test Year Ratemaking	SCG-40 WP-2R-E Post-Test Year Ratemaking	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SCG-41/SDG&E-46	Compliance	Lauren Godinez Frazer	SCG-41/SDG&E-46 Compliance	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SCG-42-R	Present and Proposed Gas Tranportation Revenues & Rates	Sharim Chaudhury	SCG-42-R Present and Proposed Gas Tranportation Revenues & Rates	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SCG-43-S	Supplemental Testimony – Affordability Metrics – Gas	Sharim Chaudhury	SCG-43-S Supplemental Testimony – Affordability Metrics – Gas	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SCG-44	Updated Results of Operations	Ryan Hom	SCG-44 Updated Results of Operations	SCG-44 WP Updated Results of Operations	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

SDG&E and SoCalGas 2024 Risk Spending Accountability Report
Attachment C
SDG&E TY 2024 GRC Hyperlinks

TY 2024 GRC A.22-05-015/016																		
Exh. No.	**Exh. Title**	**Witness Name**	**Testimony**	**O&M Workpapers**	**Capital Workpapers**	**Supplemental Workpapers**	**Supplemental Workpapers**	**Supplemental Workpapers**	**Supplemental Workpapers**	**Supplemental Workpapers**	**Supplemental Workpapers**	**Supplemental Workpapers**	**Supplemental Workpapers**	**Supplemental Workpapers**	**Supplemental Workpapers**	**Supplemental Workpapers**	**Supplemental Workpapers**	**Supplemental Workpapers**
SDG&E-01-R	Policy Overview	Bruce Folkmann	SDG&E-01-R Policy	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SDG&E-02	Sustainability Policy	Estela de Llanos	SDG&E-02-E Sustainability Policy	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SDG&E-03 Chpt 1/SDG&E-03-2R Chpt 2	Risk Management	Michael Schneider, Gregory Flores, and Scott Pearson	SCG-03-S-2R-E/ SDG&E-03-S-2R-E	SDG&E-03-WP-R RAMP to GRC	SDG&E-03-CWP-R RAMP to GRC		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SDG&E-04-R	Gas Distribution	Patrick Kinsella	SDG&E-04-R-E Gas Distribution	SDG&E-04-WP-R Gas Distribution	SDG&E-04-CWP-R Gas Distribution	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SDG&E-05	Gas System Staff and Technology	Wallace Rawls	SDG&E-05 Gas System Staff and Technology	SDG&E-05-WP Gas System Staff and Technology	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SDG&E-06	Gas Transmission Operations and Construction	Rick Chiapa and Steve Hruby	SDG&E-06-E Gas Transmission Operations and Construction	SDG&E-06-WP Gas Transmission Operations and Construction	SDG&E-06-CWP Gas Transmission Operations and Construction	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SDG&E-07-R	Gas Engineering	Maria Martinez	SDG&E-07-R Gas Engineering	SDG&E-07-CWP-R Gas Engineering	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SDG&E-08	Pipeline Safety Enhancement Plan (PSEP)	Norm Kohls	SDG&E-08 Pipeline Safety Enhancement Plan (PSEP)	N/A	N/A	SDG&E-08-WP-S V.1 Public-Pipeline Safety Enhancement Plan (PSEP)	SDG&E-08-WP-S V.2 Public-Pipeline Safety Enhancement Plan (PSEP)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SDG&E-09-R	Gas Integrity Programs	Amy Kitson and Travis Sera	SDG&E-09-R Gas Integrity Programs	SDG&E-09-WP Gas Integrity Programs	SDG&E-09-CWP-R Gas Integrity Programs	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SDG&E-10	Energy Procurement	Christopher Summers	SDG&E-10 Energy Procurement	SDG&E-10-WP -R Energy Procurement	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SDG&E-11-R	Electric Distribution	Olivia Reyes	SDG&E-11-R Electric Distribution Capital	N/A	SDG&E-11-CWP-R Electric Distribution Capital	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SDG&E-12-R	Electric Distribution-O&M	Tyson Swetek	SDG&E-12-R-E Electric Distribution-O&M	SDG&E-12-WP-R-E Electric Distribution-O&M	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SDG&E-13-2R	Electric Distribution-Wildfire Mitigation and Vegetation Management	Johnathan Woldemariam	SDG&E-13-2R-E Electric Distribution-Wildfire Mitigation and Vegetation Management	SDG&E-13-WP-2R-E Electric Distribution-Wildfire Mitigation and Vegetation Management	SDG&E-13-CWP-2R-E Electric Distribution-Wildfire Mitigation and Vegetation Management	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SDG&E-14	Electric Generation	Daniel S Baerman	SDG&E-14-E Electric Generation	SDG&E-14-WP Electric Generation	SDG&E-14-CWP-E Electric Generation	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SDG&E-15-R	Clean Energy Innovations	Fernando Valero	SDG&E-15-R-E Clean Energy Innovations	SDG&E-15-WP-E Public-Clean Energy Innovations	SDG&E-15-CWP-E Public-Clean Energy Innovations	SDG&E-15-WP-S Public-Clean Energy Innovations	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SDG&E-16	Customer Information System Replacement Policy	Therese C Sacco	SDG&E-16 Customer Information System Replacement Policy	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SDG&E-17-R	Customer Services-Field and Advanced Meter Operations	David H Thai	SDG&E-17-R Customer Services-Field and Advanced Meter Operations	SDG&E-17-WP-R Customer Services-Field and Advanced Meter Operations	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SDG&E-18	Customer Services-Office Operations	Sandra F Baule	SDG&E-18-E Customer Services-Office Operations	SDG&E-18-WP-R Customer Services-Office Operations	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SDG&E-18-S	Customer Services-Office Operations Supplemental	Sandra F Baule	SDG&E-18-S Customer Services-Office Operations	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SDG&E-19	Customer Services-Information	Sandra F Baule	SDG&E-19-E Customer Services-Information	SDG&E-19-WP Customer Services-Information	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SDG&E-20	Supply Management Logistics and Supplier Diversity	Daniel Castillo	SDG&E-20 Supply Management Logistics and Supplier Diversity	SDG&E-20-WP Supply Management Logistics and Supplier Diversity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SDG&E-21	Clean Transportation	Jennifer Reynolds	SDG&E-21 Clean Transportation	SDG&E-21-WP Clean Transportation	SDG&E-21-CWP Clean Transportation	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SDG&E-22-R	Fleet Services	Arthur Alvarez	SDG&E-22-R-E Fleet Services	SDG&E-22-WP-R-E Public-Fleet Services	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SDG&E-23	Real Estate Land Services and Facility Operations	Dale Tattersall	SDG&E-23 Real Estate Land Services and Facility Operations	SDG&E-23-WP Real Estate Land Services and Facility Operations	SDG&E-23-CWP-R Real Estate Land Services and Facility Operations	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SDG&E-24	Environmental Services and San Onofre Nuclear Generation Station-SONG	Brittany Applestein Syz	SDG&E-24 Environmental Services and San Onofre Nuclear Generation Station-SONG	SDG&E-24-WP Environmental Services and San Onofre Nuclear Generation Station-SONG	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SDG&E-25	Information Technology	Ben W Gordon, Tia L Ballard and William J Exon	SDG&E-25 Information Technology	SDG&E-25-WP Information Technology	SDG&E-25-CWP-R Information Technology	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SDG&E-26-R	Cybersecurity	Lance Mueller	SDG&E-26-R Cybersecurity	SDG&E-26-WP Cybersecurity	SDG&E-26-CWP-R Cybersecurity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SCG-23-R/ SDG&E-27-R	Coporate Center-General Administration	Derick R Cooper	SCG-23-R-E/ SDG&E-27-R-E Coporate Center-General Administration	SCG-23-WP-R-E/ SDG&E-27-WP-R-E Coporate Center-General Administration	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SCG-24/ SDG&E-28	Coporate Center-Insurance	Dennis J Gaughan	SCG-24/SDG&E-28 Coporate Center-Insurance	SCG-24-WP SDG&E-28-WP Coporate Center-Insurance	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SCG-25-R/ SDG&E-29-R	Corporate Center-Compensation and Benefits	Debbie S Robinson	SCG-25-R-E/ SDG&E-29-R-E Corporate Center-Compensation and Benefits	SDG&E-29-WP-R-E Corporate Center-Compensation and Benefits	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SCG-26/ SDG&E-30	Pension and Post Retirement Benefits Other Than Pension	Peter H Andersen	SCG-26/SDG&E-30 Pension and Post Retirement Benefits Other Than Pension	SDG&E-30-WP Pension and Post Retirement Benefits Other Than Pension	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SCG-30-R/ SDG&E-34-R	Shared Services Billing Shared Assets Billing Segmentation and Capital Reassignments	Angel N Le and Paul D Malin	SCG-30-R/ SDG&E-34-R Shared Services Billing Shared Assets Billing Segmentation and Capital Reassignments	SCG-30-WP-R/ SDG&E-34-WP-R Shared Services Billing Shared Assets Billing Segmentation and Capital Reassignments	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SDG&E-31-R	Safety and Risk Mangement Systems	Kenneth J Deremer	SDG&E-31-R-E Safety and Risk Mangement Systems	SDG&E-31-WP-R-E Safety and Risk Mangement Systems	SDG&E-31-CWP-E Safety and Risk Mangement Systems	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SDG&E-32	People and Culture	Alexandera G Taylor	SDG&E-32-2E People and Culture	SDG&E-32-WP-R-E People and Culture	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SDG&E-33-R	Administrative and General	Rajan Agarwal	SDG&E-33-R-E Administrative and General	SDG&E-33-WP-R-E Administrative and General	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SDG&E-35-R	Rate Base	Steven P Dais	SDG&E-35-R Rate Base	SDG&E-35-WP-R Rate Base	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SDG&E-36-R	Depreciation	Dane A Watson	SDG&E-36-R Depreciation	N/A	N/A	SDG&E-36-WP V.1 Depreciation	SDG&E-36-WP V.2 Depreciation	SDG&E-36-WP V.3. Depreciation	SDG&E-36-WP V.4. Depreciation	SDG&E-36-WP V.5. Depreciation	SDG&E-36-WP V.6. Depreciation	SDG&E-36-WP V.7. Depreciation	SDG&E-36-WP V.8. Depreciation	SDG&E-36-WP V.9. Depreciation	SDG&E-36-WP V. 10. Depreciation	SDG&E-36-WP V. 11. Depreciation	SDG&E-36-WP V.12. Depreciation	SDG&E-36-WP V.13. Depreciation
SDG&E-37-R	Tax	Ragan G Reeves	SDG&E-37-R Tax	SDG&E-37-WP-R Tax	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SDG&E-38-R	Working Cash	Jack M Guidi	SDG&E-38-R-E Working Cash	SDG&E-38-WP-R-E Working Cash	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

SDG&E-39	Gas Customer Forecast	Scott Wilder	SDG&E-39 Gas Customer Forecast	SDG&E-39-WP Gas Customer Forecast	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SDG&E-40	Electric Customer Forecast	Kenneth E Schiermeyer	SDG&E-40 Electric Customer Forecast	SDG&E-40-WP Electric Customer Forecast	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SDG&E-41	Cost Escalation	Scott Wilder	SDG&E-41 Cost Escalation	SDG&E-41-WP Cost Escalation	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SDG&E-42-R	Miscellaneious Revenues	Christine Fisher	SDG&E-42-R Miscellaneious Revenues	SDG&E-42-WP-R Miscellaneious Revenues	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SDG&E-43-R	Regulatory Accounts	Jason Kupfersmid	SDG&E-43-R-E Regulatory Accounts	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SDG&E-44-R	Summary of Earnings	Ryan Hom	SDG&E-44-R Summary of Earnings	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SDG&E-45-R	Post-Test Year Ratemaking	Melanie E Hancock	SDG&E-45-R-E Post-Test Year Ratemaking	SDG&E-45-WP-R-E Post-Test Year Ratemaking	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SCG-40-S/ SDG&E-45-S	Post-Test Year Ratemaking	Khai Nguyen and Melanie E Hancock	SCG-40-S/SDG&E-45-S Post-Test Year Ratemaking	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SCG-41/ SDG&E-46	Compliance	Lauren Godinez Frazer	SCG-41/SDG&E-46 Compliance	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SDG&E-47-R	Gas Rates	Sharim B Chaudhury	SDG&E-47-R Gas Rates	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SDG&E-48-R	Electric Rates	Jeff Stein	SDG&E-48-R Electric Rates	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SDG&E-49-S	Wildfire Mitigation and Vegetation Management Strategy	Kevin C Geraghty	SDG&E-49-S Wildfire Mitigation and Vegetation Management Strategy	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SDG&E-50-S	Affordability Metrics-Electric	Rachelle R Baez	SDG&E-50-S Affordability Metrics-Electric	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SDG&E-51-S	Affordability Metrics-Gas	Sharim Chaudhury	SDG&E-51-S Affordability Metrics-Gas	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SDG&E-52	Updated Results of Operations	Ryan Hom	SDG&E-52 Updated Results of Operations	SDG&E-52 Updated Results of Operations	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A