



**BEFORE THE PUBLIC UTILITIES COMMISSION
OF THE STATE OF CALIFORNIA**

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Order Instituting Rulemaking for Oversight of
Energy Efficiency Portfolios, Policies, Programs,
and Evaluation.

R.25-04-010
(Filed April 20, 2025)

**SAN DIEGO GAS & ELECTRIC COMPANY (U 902 M) ENERGY EFFICIENCY
PROGRAMS ANNUAL REPORT 2025 RESULTS**

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June 1, 2026

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Pursuant to the Administrative Law Judge’s (ALJ) Ruling Adopting Annual Reporting Requirements for Energy Efficiency (EE) and Addressing Related Reporting Issues, dated August 8, 2007, and California Public Utilities Commission (Commission) Decisions (D.) 18-01-004 and D.18-05-041, San Diego Gas & Electric Company (SDG&E) hereby submits its Annual Report for 2025 EE programs and accomplishments, attached hereto as Attachment A.

Pursuant to the Commission’s Rules of Practice and Procedure, Rule 11.6, on March 11, 2026, SDG&E submitted an extension request to June 1, 2026, to allow for adequate time to resolve system-related challenges and to compile and share statewide data with the investor-owned utilities. Subsequently, on March 13, 2026, ALJ Kao granted the extension.

As such, SDG&E’s Annual Report is timely filed/served. SDG&E’s Annual Report provides detailed portfolio, sector, and program-level information on the accomplishments of SDG&E’s EE Portfolio in 2025, including data on energy savings, budget, cost-effectiveness, and metrics. Pursuant to Ordering Paragraph (OP) 9 of D.18-05-041, this Annual Report also includes Performance Metrics and 2025 performance results.

Additionally, and pursuant to OP 8 of D.18-01-004, the dollar amounts of third-party contracts are included in Appendix A, Table 11, and associated documents uploaded and available for viewing on the California Energy Data and Reporting System (CEDARS) website. The Report and the updated set of final metrics are available on <https://www.sdge.com/rates-and-regulations/regulatory-filing/914/energy-efficiency-filings>.

Lastly, SDG&E notes that this Annual Report includes the following Appendices:

- Appendix A – Annual Report Tables
- Appendix B – Final True Up Reports
- Appendix C – Revisions to SDG&E’s 2023 and 2024 Annual Reports

Respectfully submitted,

/s/ Siobhán E. Murillo

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San Diego Gas & Electric Company
Energy Efficiency Programs
2025 Annual Report

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Appendix B – Statewide Final True Up Reports

Appendix C – Revisions to SDG&E’s 2023 and 2024 Annual Reports

I. EXECUTIVE SUMMARY

In 2025, San Diego Gas & Electric Company (SDG&E) managed its Energy Efficiency (EE) portfolio pursuant to the California Public Utilities Commission's (CPUC or Commission) Rolling Portfolio framework. Consistent with guidance established in Decisions (D.) 15-10-028, D.16-08-019, and D.18-05-041, SDG&E refined its portfolio to support program targeting, streamline delivery, and enhance coordination with third-party implementers and regional administrators.

SDG&E also made progress in implementing the direction authorized in D.23-06-055, which approved portfolios for 2024–2027 and business plans for 2024–2031 and clarified the evolving roles of investor-owned utilities (IOUs), Community Choice Aggregators (CCAs), and Regional Energy Networks (RENs). These efforts included prioritizing higher-value interventions that better align with market needs and customer segments, transitioning certain statewide programs from SDG&E to other IOU Program Administrators (PAs), and coordination with the San Diego Regional Energy Network (SDREN). Of particular importance, SDG&E filed an Application (A.) 25-04-014 in 2025 to revise its 2024–2031 EE Business Plan, requesting a budget reduction of approximately \$300 million for 2026-2031 (SDG&E's Application), emphasizing the importance of affordability for customers, administrative efficiency, and portfolio optimization.

SDG&E's portfolio continues to encounter structural challenges in consistently achieving strong cost-effectiveness. While the 2025 portfolio performance shows the Total Resource Cost (TRC) ratio of 1.19 for the Resource Acquisition (RA) segment, this is mainly driven by the statewide programs being more cost-effective. Without statewide programming, the TRC for SDG&E's regional RA segment barely achieves a TRC of 1.05. This improvement remains marginal and points to a consistently constrained opportunity set for cost-effective savings within the service territory. As a result, the outlook for EE should remain measured, with limited expectation for substantial gains in cost-effectiveness absent material changes in SDG&E's unique market conditions.

Meanwhile, external policy and market conditions continue to narrow the opportunity for incremental savings. Successive updates to building energy codes and appliance standards have raised baseline efficiency levels, reducing the availability of measure-level savings. Rising labor and material costs, ongoing supply chain pressures, and customer participation barriers, including

higher upfront costs and decision complexity, further increases the cost of acquiring savings. These factors, taken together, contribute to rising program costs and increased administrative complexity, particularly as program designs become more customized to reach harder-to-serve segments.

Within this context, SDG&E continues to support California’s long-term decarbonization goals under Senate Bill (SB) 100, which requires 100 percent of retail electricity sales to be supplied by renewable and zero-carbon resources by 2045. However, the pathways to achieving these goals are evolving, with a growing emphasis on electrification, demand flexibility, and integrated demand-side resources. The regional EE delivery landscape has also undergone significant transformation. Pursuant to CPUC decisions enabling broader PA participation, including D.19-12-021 and D.14-01-033, CCAs and RENs now play an expanded role in delivering EE programs across California. In SDG&E’s service territory, this shift is most evident in the expansion of the SDREN, which was approved by the CPUC in D.24-08-003 to deliver ten programs across residential, commercial, public, and cross-cutting sectors in partnership with San Diego Community Power and the County of San Diego.

In light of these market and policy shifts, SDG&E’s Application establishes a clear path forward. SDG&E is prioritizing a more focused and efficient EE portfolio that minimizes overlap with other administrators, improves coordination across program delivery entities, and reduces ratepayer burden. As outlined in SDG&E’s Application, SDG&E proposes discontinuing administration of most regional EE programs, while continuing to meet its statutory obligations to procure cost-effective, reliable, and feasible energy efficiency resources under Public Utilities Code Section 454.5 through the statewide program portfolio.

Statewide Programs

D.18-05-041 assigned lead PAs to specific statewide programs and downstream pilot programs and vested each lead PA with full authority, including assignment of personnel to manage the program on behalf of the CPUC.¹ The Commission identified the various areas of sole responsibility for the lead PA.² Among these responsibilities is the “[p]rocurement, contract

¹ D.18-05-041 at 79 – 80 and 90 – 92.

² *Id.* at Ordering Paragraph (OP) 18.

administration, and co-funding management from partner program administrators” of the statewide (SW) program.³ In addition to these responsibilities, lead PAs collaborate with non-lead PAs to keep them informed on program progress, delivery, and budgets. SDG&E provides funding to the lead PA and SDG&E receives credit for the proportional benefits from statewide programs through the CPUC’s California Energy Data Reporting System (CEDARS).⁴ Please refer to the lead PA’s respective 2025 Annual Reports for information on statewide programs for which they are responsible.

List of Statewide Programs and Lead PAs:

- Quality Installation/Quality Maintenance (QI/QM) (SDG&E)
- Plug Load & Appliance (SDG&E)⁵
- HVAC (Upstream Residential and Commercial) (SDG&E)⁶
- Residential New Construction (Pacific Gas and Electric Company (PG&E))
- Non-Residential New Construction (PG&E)
- Codes & Standards (Building Codes Advocacy) (PG&E)
- Codes & Standards (Appliance Standards Advocacy) (PG&E)
- Codes & Standards (National Advocacy) (PG&E)
- Emerging Technology (Gas) (Southern California Gas Company (SoCalGas))
- Emerging Technology (Electric) (Southern California Edison Company (SCE))
- Workforce Education & Training (PG&E)
- Higher Education (SCE)
- State of California (PG&E)
- Foodservice Point of Sale (SoCalGas)
- Midstream Water Heating (SoCalGas)

³ *Id.* at OP 18(b).

⁴ Please be advised that the annual true-up reports may be revised at a future date in order to true up the gas and electric expenditures for fuel substitution projects. See OP 5 of D.19-08-009, which stipulates that “[f]uel substitution measures and associated program costs shall be funded by the ratepayers of the new fuel, not ratepayers of the fuel being substituted.”

⁵ See Advice Letter (AL) 4494-E/3332-G, approved November 6, 2024 and effective September 18, 2024.

⁶ *Id.*

- Water/Wastewater Pumping Program (SCE)
- Workforce Education & Training (Career and Workforce Readiness) (PG&E)
- Home Energy Score (BayREN)

SDG&E-Administered Statewide Programs

1. SDGE SW HVAC Up – SW Upstream HVAC Commercial & Residential Program

Program Segment: Resource Acquisition

Program Implementer: CLEAResult Consulting, Inc.

Program Overview: SDG&E is the lead PA for the Statewide Upstream HVAC program, an upstream/midstream program that offers HVAC measures, including high-efficiency commercial unitary and packaged air conditioners, commercial heat pumps, commercial chillers, commercial space heating boilers, residential heat pumps, residential gas furnaces, and residential gravity wall furnaces. The program aims to influence the market through changes in stocking and selling practices at the retailer, distributor, and manufacturer levels, thus influencing the end-users and installation contractors. By promoting high-efficiency equipment, the program is designed to encourage manufacturers to develop California-specific equipment and guidelines to influence change in California. The program captures savings through the movement of incentivized deemed measures. Pursuant to approval of AL 4494-E/3332-G, SDG&E expects to transition the statewide HVAC program to PG&E in 2026.⁷

Program Strategies and Outcomes

Across both program segments, 39 distributors participated, supporting over 1,100 installation verifications and hosting more than 50 partner events and 150 distributor branch visits. During the program year, the Commercial segment recorded over 1,800 sales, with the top-performing measure, Pkg Air-Cooled Air Conditioner < 65 kBtu (SWHC014), accounting for approximately 63% of those sales. The Residential segment achieved approximately 4,500 sales, led by the Pkg/Split System Heat Pump FuelSub (SWHC045), which represented approximately 89% of residential sales. Additional accomplishments included a 98% partner participation rate, high satisfaction scores, and improved processes that boosted partner engagement. However,

⁷ *Id.*

challenges arose related to the timing of measure package approval updates from Energy Division Staff and their consultants, particularly the updated measure package for Package Air-Cooled Air Conditioners (SWHC014), which reflected substantially reduced savings, approximately 90% lower than the prior version, and impacted incentive levels. Notwithstanding those challenges, the program met its TSB goal by emphasizing alternative measures with more favorable characteristics.

2. SDGE SW PLA – Plug Load and Appliances (PLA)

Program Segment: Resource Acquisition

Program Implementer: CLEAResult Consulting, Inc.

Program Overview: The Statewide PLA program is a midstream program that offers EE measures to residential customers across the IOU service territories. The statewide PLA program, marketed as Golden State Rebates, provides support for customer/supply chain participation and energy savings through trade professional and retail partnerships. Ongoing data collection strategies attempt to target reliable and cost-effective offerings for residential customers throughout the state.

Program Strategies and Outcomes

The Statewide PLA program offers two pathways through the midstream model: a distributor pathway and a retailer pathway. Both focus on assisting partners in developing a procurement strategy that enables them to meet customer demand for high-efficiency units. The retailer pathway retained five retailers with over 400 brick and mortar locations across California, and the distributor pathway maintained 54 enrolled distributor partners.

As part of the program's 2025 strategy for driving participation, the program continued to foster partnerships with manufacturers, Energy Star, the statewide Technology and Equipment for Clean Housing (TECH) program, and IOUs to spread awareness of the program. Collaborations with manufacturers and ENERGY STAR have supported promotional efforts for available rebates, helping drive consumer engagement and increase contractor adoption. The statewide TECH program partnership promoted the program in their monthly newsletters to contractors and at industry events attended by contractors and distributors.

In 2025, the program continued to promote participation in applicable IOUs' demand response programs via the retail rebate portal's automated communications. Coordination with PG&E's demand response implementer provided a streamlined process for customers enrolling in

PG&E's demand response offerings to receive a smart thermostat rebate. In 2025, further coordination with IOUs' successfully established Application Programming Interface (API) integrations with PG&E and SDG&E, allowing for real-time utility validation prior to coupon issuance. This eliminated reliance on zip code eligibility screening, improving validation accuracy.

The program has a limited variety of available measures, but the fuel substitution heat pump water heater measures continued to see growth in the market and delivered significant TSB for the program, despite the lower TRC value of those measures. Program activity was strong in the first half of the year, in part due to 2025 measure package changes, which increased TSB values for the program's fuel substitution measures. This situation accelerated the program's budget spend. As a result, the program paused until November 2025, when fiscal year starts for the program. The program's resumption on November 1 was successful, especially with midstream distributors that have been engaged with the program for years.

3. SDGE SW HVAC QIQM – SW HVAC QI/QM Program⁸

Program Segment: Market Support

Program Implementer: Frontier Energy, Inc.

Program Overview: The Statewide Residential HVAC Quality Installation and Quality Maintenance (QI/QM) program aims to transform the HVAC installation and maintenance market by assisting and providing incentives to contractors who promote and install higher-value services by exemplifying best practices. This program offers participants no-cost training, tools, and multi-tiered incentives to complete quality maintenance setups, quality maintenance calls, quality bids, and quality installations. An Industry Advisory Panel, made up of HVAC industry subject matter experts, guides the standards for services, verification requirements, and outreach and training, particularly for contractors who serve Disadvantaged Communities (DACs) and hard-to-reach (HTR) customers.

⁸ In 2025, SDG&E coordinated across PA stakeholders regarding the proposed transition of the HVAC QI/QM program to another statewide lead PA. SDG&E included this request in A.26-03-009, et al., Application of San Diego Gas & Electric Company to Adopt 2028-2035 Energy Efficiency Rolling Portfolio Business Plan Application (March 16, 2026) Prepared Direct Testimony of Alton Kwok (Program Cards) (Exhibit (Ex.) SDG&E-02) at AK-5-10 – AK-5-12.

Program Strategies and Outcomes

The program continued to refine its core strategies in 2025 to support contractor engagement, expand participation, and enhance the clarity and accessibility of program offerings. Key areas of focus included improving communication of program concepts, strengthening program visibility, and enhancing the value proposition for participating contractors. The program demonstrated steady progress in 2025, providing technical training to approximately 235 individuals and completing more than 5,000 quality services. More than 25% of these services were delivered by contractors employing individuals who meet disadvantaged worker criteria. While program activity increased substantially in the final quarter of 2025, participation was concentrated among a small subset of highly active contractors.

To improve communication effectiveness, the third-party implementer refined program messaging and collateral to highlight measurable performance outcomes and the role of diagnostic measures in whole-home performance. To support broader recognition, the third-party implementer-initiated partnerships to feature the program on the Switch Is On platform, expanded advertising through HVAC industry associations, and increased participation in industry events.

The incentive structure was updated to increase initial incentive values and introduce category caps that encourage diversification across service types. These updates are designed to support engagement and ensure that contractors clearly understand the benefits associated with participation.

While the program made meaningful progress in 2025, a persistent challenge is effectively managing and engaging contractors to drive consistent installation performance. Participation remains concentrated among a small group of contractors, with many focusing more on diagnostic or quality services rather than quality installations. This imbalance has constrained the program's ability to fully utilize its available budget. Despite enhancements to communication and incentive structures, motivating a wider range of contractors to consistently execute installation services remains difficult, underscoring the need for more focused contractor management, clearer participation pathways, and stronger support for installation-driven activities.

Looking ahead to 2026, the third-party implementer will prioritize efforts to expand the participant base, support engagement from new contractors, and promote broader utilization of program resources. Planned updates to communication materials, incentive offerings, and training

resources are expected to enhance accessibility and provide additional support for technicians, installers, and sales staff across the HVAC industry. The third-party implementer is also prioritizing updates to the suite of technical and administrative training materials, supported by new subcontractor partnerships. The revised materials will incorporate enhanced visual content and provide greater detail on how diagnostic measures inform service decisions and system performance.

II. RESOURCE ACQUISITION SEGMENT PROGRAMS

Commercial Sector Programs

1. SDGE3226 – Com Direct Install – Business Energy Solutions (BES)

Program Segment: Resource Acquisition

Program Implementer: Eagle Systems International, Inc.

Program Overview: The Business Energy Solutions (BES) program delivered no-cost or discounted EE equipment upgrades by an installation contractor to reduce peak demand and energy consumption for K-12 schools. The program is designed to increase the adoption of EE measures by offering an EE audit as well as EE equipment and installation at no cost or at a discounted price. While the legacy program was originally designed for eligible business customers, it was made available to K-12 schools in 2025 due to the early closure of the Schools Energy Efficiency Program (KEEP) in advance of SDREN’s K-12 program solicitation. SDG&E submitted its Mid Cycle AL to close the BES program on November 4, 2025, and it was accepted on December 4, 2025.⁹

Program Strategies and Outcomes

SDG&E extended its BES program into 2025 for a final year, in a limited capacity for K-12 schools to fill a gap in the market and avoid a lapse in program services. BES installed measures including a mix of tank and pipe insulation, and heat pump and instant water heaters for multiple school districts within San Diego County. Outreach efforts included: (1) leveraging account executive contacts for key stakeholder engagement; (2) revising marketing and program collateral to reflect 2025 program offering(s) for eligible customers; and (3) focusing on electrification via

⁹ SDG&E AL 4747-E/3469-G, approved December 29, 2025 and effective December 4, 2025.

fuel-substitution water heater measures.

2. SDGE4168 – Lodging (Hotels/Motels)

Program Segment: Resource Acquisition

Program Implementer: Mendota Group

Program Overview: The Grid-Responsive Incentive Design Lodging Program (GRID-Lodging) is a resource acquisition EE program available to the Lodging (Hotels and Motels) subsectors of the commercial sector. The program uses a market access approach that works with aggregators to offer various services that best fit with what customers require to advance EE projects. Incentives are paid only for savings that are delivered to the grid as determined by the Population-level Normalized Metered Energy Consumption (Pop-NMEC) measurement approach and supplemented by Site-Level Energy Management (SL-NMEC) measurement approach, as appropriate.

Program Strategies and Outcomes

The program launched in Q2 2025 and initiated aggregator recruitment efforts. These activities included targeted outreach to prospective aggregators, communicating program terms and operational requirements, executing aggregator agreements, and delivering training on the third-party implementer's GRID Platform. In advance of program launch, the third-party implementer configured its GRID Platform to align with the program's design specifications. Since launch, the platform has continued to be enhanced to meet evolving requirements and incorporate additional functionality necessary for program administration.

Following enrollment, aggregators began engaging customers and developing project opportunities. Because the enrollment system was not operational for this program in 2025, a temporary manual review process was implemented to ensure projects continued to move forward. These projects were entered into the GRID Platform and submitted for approval by SDG&E.

Early in the program year, approval timelines were extended due to ongoing development of project review criteria for Pop-NMEC projects. During this period, aggregators slowed their customer acquisition efforts; however, recruitment activity increased as program processes have become streamlined, and approval timelines improved. Two projects were installed in Q4 2025.

3. SDGE4169 – Groceries, Restaurant & Food Storage (GRFS) Program

Segment: Resource Acquisition

Program Implementer: Franklin Energy DBA AESC, Inc.

Program Overview: The Groceries, Restaurant & Food Storage (GRFS) program is a downstream, commercial retrofit resource acquisition program that leverages meter-based savings pathways with a focus on Pop-NMEC and SL-NMEC. The GRFS program exclusively serves SDG&E customers and offers deemed rebates to customers within those sectors not eligible or appropriate for an NMEC approach. Project delivery is supported through aggregator(s) who have experience in the targeted markets and with Pop-NMEC projects. The GRFS program also offers limited enrollment for additional trade allies and aggregators serving SDG&E's market to leverage deemed and SL-NMEC savings pathways to reach the program's TSB goals.

Program Strategies and Outcomes

The GRFS program started 2025 by completing key launch activities including a public webinar, program manual and measurement and valuation (M&V) finalization, and aggregator and SDG&E staff training. While the project pipeline was smaller than anticipated, the third-party implementer focused on strategies to increase enrollments during the second half of the year. A key strategy included the promotion of On-Bill Financing (OBF) to allow customers to leverage available financing opportunities for eligible projects. Additionally, tools were launched including an aggregator portal, Value Estimator Tool (VET) and an interim Customer Site Eligibility Tool (CSET).

Despite delays with enrollment system configuration and project pre-reviews, six deemed rebate projects were submitted by two aggregators in Q4 2025.

4. SDGE4170 – SD EnergyEdge

Program Segment: Resource Acquisition

Program Implementer: TRC Companies

Program Overview: The SD EnergyEdge program is a downstream commercial retrofit resource acquisition program that uses a customer-focused, comprehensive approach to achieve sustainable TSB and electric and gas savings. The program provides end-to-end program implementation services to commercial retail, office, and wholesale customers within SDG&E's service territory. These customers include those located in DACs and who meet the CPUC's HTR definition. The

program ensures that customers receive the support and education they need to implement projects.

Program Strategies & Outcomes

The SD EnergyEdge program completed its first full contract year in 2025. The third-party implementer launched the program with a new website and several targeted email marketing campaigns to build awareness among prospective commercial customers.

Outreach initially focused on fuel substitution opportunities. This strategy supported the adoption of commercial heat pump water heaters, particularly among fitness centers and community recreation facilities. The third-party implementer also expanded engagement to pool maintenance companies to identify customers interested in outdoor pool covers.

In mid-2025, updates to the commercial heat pump water heater measure package reduced claimable savings, therefore the third-party implementer shifted its outreach toward tankless gas water heaters as replacement for storage water heaters continuing delivery of energy savings. By year-end, the program completed over 80 projects.

5. SDGE4171 – Private Institutions/Healthcare (GRID-PIH)

Program Segment: Resource Acquisition

Program Implementer: Mendota Group

Program Overview: The Grid-Responsive Incentive Design Private Institutions and Healthcare program (GRID-PIH) is available to specific SDG&E commercial customer subsegments. The program uses a market access approach that works with aggregators to offer various services. GRID-PIH aligns incentives with SDG&E's grid needs using an incentive rate structure based on the TSB realized by a customer project. Aggregators receive incentives for system benefits they deliver to SDG&E's grid, as assessed by the Pop-NMEC measurement approach and supplemented by SL-NMEC when appropriate.

Program Strategies and Outcomes

The program launched in Q2 2025 and initiated aggregator recruitment efforts. These activities included targeted outreach to prospective aggregators, communicating program terms and operational requirements, executing aggregator agreements, and delivering training on the third-party implementer's GRID Platform. In advance of program launch, the third-party implementer configured its GRID Platform to align with the program's design specifications. Since launch, the platform has continued to be enhanced to meet evolving requirements and

incorporate additional functionality necessary for program administration.

Following enrollment, aggregators began engaging customers and developing project opportunities. Because the enrollment system was not operational for this program in 2025, a temporary manual review process was implemented to ensure projects continued to move forward. Projects were entered into the GRID Platform and submitted for approval by SDG&E.

Early in the program year, approval timelines were extended due to ongoing development of project review criteria for Pop-NMEC projects. During this period, aggregators slowed their customer acquisition efforts; however, recruitment activity increased as program processes became streamlined, and approval timelines improved. One project was installed in Q4 2025.

6. SDGE4198 - Core Market Access Program – Commercial

Program Segment: Resource Acquisition

Program Implementer: SDG&E

Program Overview: D.23-06-055 required that certain PAs “make available solicitations using market access approaches for residential and commercial downstream opportunities in their territories.”¹⁰ On May 8, 2024, SDG&E launched the Market Access Program (MAP) solicitation. Additionally, on July 1, 2024, to ensure there was no service interruption between the closure of the Summer Reliability Market Access Program, and the launch of the third-party Market Access Program in solicitation, SDG&E launched Core Market Access Program – Commercial. The interim program continued to offer aggregators the opportunity to provide customers with options not available through conventional EE programs.

Program Strategies and Outcomes

The program utilized aggregators to identify various EE projects for SDG&E commercial customers through marketing the program offerings and providing technical assistance that resulted in TSB. The incentives offered were designed to align with summer peak and net peak hours. The program utilized Pop-NMEC rules and methodologies to determine verified energy savings. The program experienced significant delays in launching 2025 program year due to finalizing data requirements, system-related challenges, and establishing quality assurance

¹⁰ D.23-06-055 at OP 26.

standards. These challenges were addressed and as a result, there were approximately 60 installations in 2025. The program closed in 2025 to make way for the third-party implemented MAP program, however projects still undergo a one-year M&V period. Program shut down procedures will be initiated upon M&V completion.

7. SDGE4202 – Market Access Program – Commercial (GRID-MAP)

Program Segment: Resource Acquisition

Program Implementer: Mendota Group

Program Overview: The Grid-Responsive Incentive Design Market Access Program (GRID-MAP) is a resource acquisition EE program available to the select subsectors of the commercial sector in the SDG&E service territory. The Program uses a MAP approach that enables aggregators to offer various services to advance EE projects. GRID-MAP aligns incentives with grid needs using a rate structure based on TSB. Incentives are paid only for savings that are delivered to the grid as determined by the Pop-NMEC measurement approach and supplemented by SL-NMEC, as appropriate.

Program Strategies & Outcomes

The program was launched in summer 2025 and began recruiting aggregators to support initial participation. Recruitment activities included outreach to prospective aggregators, review of program terms and operational requirements, execution of participation agreements, and training on the third-party implementer's GRID platform. These early activities established the foundation for customer engagement and project development.

As a ramp up year, 2025 focused on establishing the program infrastructure necessary for consistent project processing, including detailed procedures to collect required data for project approval, installation verification, and future true-up reviews.

Once aggregators were enrolled, customers engagement and development of eligible projects were initiated. However, during this period, aggregators temporarily reduced customer recruitment while program infrastructure was being finalized. As a result, one installation occurred in 2025.

Residential Sector Programs

1. SDGE4001 – Single Family Program

Program Segment: Resource Acquisition

Program Implementer: Eagle Systems International, Inc.

Program Overview: SDG&E's single-family program, Residential Energy Solutions (RES) is a Zero Net Energy (ZNE)-focused residential resource acquisition program. The ZNE path begins with installing persistent direct install measures that transition the customer into home energy surveys/sales consultations for higher levels of EE and renewable technologies that can potentially be financed by the participant and installed by the third-party implementer. The RES program strategies include (1) maximizing energy savings; (2) forging the pathway to zero net energy; and (3) introducing measure packages for ongoing program enrollments.

Program Strategies and Outcomes

To ensure data compliance and to maximize energy savings opportunities in 2025, the RES program collaborated with the SDG&E support teams including operations, marketing and engineering. Formal and ad hoc meetings provided insights into the current implementation of measures and development of potential new measures. To promote the program and generate interest throughout 2025, the team conducted email campaigns resulting in more than 1,200 customers households being served. The RES program continued lifecycle refrigerant management and smart fan controllers introduced in 2024 and maintained a high customer satisfaction rating.

2. SDGE4002 – Multi Family Program

Program Segment: Resource Acquisition

Program Implementer: Eagle Systems International, Inc.

Program Overview: The Residential Zero Net Energy Transformation (RZNET) program is an innovative way of serving multifamily and manufactured homes with a path to ZNE. The RZNET program aims to transform multifamily and manufactured home community owners, operators, and residents into knowledgeable stewards of water, electricity, and natural gas. RZNET program participants are put on the path to ZNE, beginning with direct install measures, complimentary American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE) Level 1 audits, and sales consultations.

Program Strategies and Outcomes

Regular coordination meetings were conducted with large multifamily portfolio managers to support the ongoing implementation of direct install EE and ZNE opportunities. As a result, the program exceeded its initial TSB goal and received additional funding to allow the program to continue through 2025 without interruption. Leading with no-cost direct install measures, followed by an offer of a complimentary energy assessment to identify additional opportunities resulted in the sale and installation of high efficiency water heating and HVAC systems. The program continued to collaborate with San Diego County Water Authority high-efficiency toilets for eligible customers, facilitating streamlined delivery of eligible measures and improved customer satisfaction. Geotagged timestamped photos continued to be an integral part of RZNET's quality assurance plan, providing verification that program measures reported were installed. Lifecycle refrigerant management, smart fan controllers, and heat pump water heaters, introduced in 2024, were continued in 2025.

3. SDGE4040 – IDSM Local Residential Behavioral Program

Program Segment: Resource Acquisition

Program Implementer: Bidgely, Inc.

Program Overview: The Home Energy Awareness and Reduction (HEAR) program delivers comparative home energy reports to residential customers, encouraging them to reduce energy consumption through data-driven insights and behavioral changes. These reports, sent on a regular cadence, encourage energy-efficient behavior at both the whole-home and appliance-use levels, promoting demand shifting and peak conservation. The program leverages peer comparisons, energy usage insights, and personalized recommendations to drive behavioral change. Reports are delivered through mail, email, a web portal, or a combination of these channels to maximize customer engagement. Participation is based on a randomized control group.

Program Strategies and Outcomes

Program year 2025 marked the second full year of HEAR implementation with the current provider, who delivered reports to approximately 950,000 customers. While the program exceeded its therm savings goals, it fell short of kWh targets due to two primary factors, (1) a higher-than-anticipated shift to solar among eligible customers, which reduced the achievable savings for those households, and (2) unexpected delays in paper report distribution that disrupted program

consistency.

To address these challenges, the third-party implementer refilled the cohort of treated households in the fourth quarter to maintain program impact. However, there were not enough eligible customers available earlier in the year to establish a statistically equivalent treatment and control group. Savings from the newly added participants are expected to be measurable approximately 12 months after their initial program engagement. Additionally, ongoing collaboration with the third-party implementer is focused on identifying strategies to increase savings among solar customers. Key activities and highlights included:

- Distributed more than 6.5 million personalized digital insights to HEAR recipients, achieving an open rate exceeding 65%.
- Delivered more than 2.2 million paper reports to electric, dual-fuel, and solar customers.
- Achieved over 190% of the therms savings target.
- Over 6,000 customers submitted comments and feedback on the HEAR reports, representing less than 1% of total customers.
- More than 21,000 pieces of feedback were submitted, with 80% reflecting positive sentiment and 20% highlighting areas for improvement, offering valuable insight into customer experiences and opportunities for refinement.

The HEAR program will continue refining its strategies to enhance customer engagement and optimize energy savings where possible.

4. SDGE4197 – Core Market Access Program - Residential

Program Segment: Resource Acquisition

Program Implementer: SDG&E

Program Overview: D.23-06-055 required that certain PAs “make available solicitations using market access approaches for residential and commercial downstream opportunities in their territories.”¹¹ On May 8, 2024, SDG&E launched the Market Access Program solicitation. Additionally, on July 1, 2024, to ensure there was no service interruption between the closure of the Summer Reliability Market Access Program and the launch of the third-party Market Access Program, SDG&E launched Core Market Access Program – Residential. The interim program

¹¹ *Id.*

continued to offer aggregators the opportunity to provide customers with options not available through conventional EE programs to reduce energy usage.

Program Strategies and Outcomes

The new third-party-implemented Residential Market Access Program launched in 2025, therefore this program closed and there was no participation in 2025.

5. SDGE4201 – Market Access Program – Residential (GRID-MAP)

Program Segment: Resource Acquisition

Program Implementer: Mendota Group

Program Overview: The Grid - Responsive Incentive Design Market Access Program (GRID-MAP) is a resource acquisition EE program available to the residential sector in the SDG&E service territory. The program uses a MAP approach that enables aggregators to offer various services to support EE projects. GRID-MAP aligns incentives with grid needs using a rate structure based on TSB. Incentives are paid only for savings that are delivered to the grid as determined by the Pop-NMEC measurement approach and supplemented by SL-NMEC, as appropriate.

Program Strategies & Outcomes

The program was launched in summer 2025 and began recruiting aggregators to support initial participation. Recruitment activities included outreach to prospective aggregators, review of program terms and operational requirements, execution of participation agreements, and training on the third-party implementer's GRID platform. These early activities established the foundation for customer engagement and project development.

As a ramp up year, 2025 focused on establishing the program infrastructure necessary for consistent project processing. This included detailed procedures to collect required data for project approval, installation verification, and future true-up reviews.

Once aggregators were enrolled, customers engagement and development of eligible projects were initiated. However, during this period, aggregators temporarily reduced customer recruitment while program infrastructure was being finalized. As a result, no installations occurred in 2025.

Agricultural Sector Programs

1. SDGE4009 - Agricultural Growers Services Program – AgEASY

Program Segment: Resource Acquisition

Program Implementer: Cascade Energy, Inc.

Program Overview: The AgEASY program offers a suite of EE services to SDG&E's agricultural sector, tailored to their business type, operation size, financial needs, and geography. AgEASY provides training for customers and vendors, engineering support, and incentives for the small and medium businesses that make up most of SDG&E's agriculture customers. The AgEASY program also presents opportunities to integrate EE and demand response.

Program Strategies and Outcomes

Throughout 2025, SDG&E and the third-party implementer maintained ongoing coordination to review outreach approaches, technical guidance, program performance, and implementation challenges. The third-party implementer developed standardized monitoring templates and provided quarterly reporting on enrollments, inspections, engineering reviews, and invoicing activity. Program and marketing materials, including flyers, applications, and tax credit information, were developed, approved, and distributed to support customer engagement.

Outreach efforts focused on building and maintaining relationships with trade associations, vendors, prospective participants, and key stakeholders. Activities included direct outreach to repeat customers from prior program years, as well as targeted email and direct marketing to new customers within the SDG&E service territory. The third-party implementer continued existing partnerships and participated in key industry events and sponsorships to expand market awareness. Notable stakeholder engagement activities included maintaining membership in, attending, and presenting at San Diego Farm Bureau meetings, attending and presenting at the annual Flower and Plant Association meeting to engage local greenhouse growers, and joining the Otay Mesa Chamber of Commerce with participation in member networking events.

A key implementation challenge addressed during 2025 was managing customer demand for the newly introduced LED horticultural lighting fixture deemed measure. Prior to integrating this measure, greenhouse and refrigerated warehouse projects were anticipated to meet annual program goals. Following a collaborative effort to assess projected demand, SDG&E approved a budget increase, enabling the program to accommodate customer interest and support incentive

payments for qualifying fixtures.

By year-end, the AgEASY program supported 11 customer enrollments, resulting in approximately \$2 million in TSB, exceeding its annual performance goals, with the majority of savings associated with the LED horticultural lighting fixture deemed measure. Natural gas savings were delivered through deemed greenhouse heating and boiler replacement measures.

Industrial Sector Programs

2. SDGE4006 – Industrial Sector Program

Program Segment: Resource Acquisition

Program Implementer: Cascade Energy, Inc.

Program Overview: The Savings Measurement Assistance Rebate & Training (SMART) Industrials program offers a suite of EE services to SDG&E's industrial sector, tailored to individual business type, operation size, and financial needs. The suite of offerings includes custom, deemed, NMEC, and strategic energy management (SEM). Through these offerings, SMART Industrials provides training for customers and vendors, engineering support, and incentives for SDG&E's industrial customer base, which is small in size compared to the other IOUs.

Program Strategies and Outcomes

The SMART program's primary strategy is to align customers with the program element that best meets their operational needs. SEM requires a higher level of customer engagement relative to other offerings but provides program components not otherwise available, including comprehensive energy management training, access to energy management software, and a minimum two-year engagement period. During 2025, the program served four large customer cohorts and one small-to-medium customer cohort, enrolling over 30 customers, the majority of whom are continuing participation into 2026. In 2025, the program also supported the development of a custom EE project scheduled for completion in early 2026.

Public Sector Programs

1. SDGE4012 – Federal Customer Services Program

Program Segment: Resource Acquisition

Program Implementer: TRC Solutions, Inc.

Program Overview: The San Diego EnergyLink program provides program implementation services, including marketing, outreach, engineering, operations, customer service, and data management and reporting to federal customers of SDG&E. Energy savings are primarily delivered through direct customer outreach of targeted offerings including, deemed, custom, and NMEC. Federal customers eligible for incentives within this program include: (1) Federal buildings (including hospitals owned and/or operated by the federal government); (2) Department of Defense (DoD) facilities, including military bases; and (3) Tribal nations that are electric and/or gas customers of SDG&E on qualifying rate schedules.

Program Strategies and Outcomes

Throughout 2025, the program worked closely with municipal partners to identify appropriate projects, refine scopes, and support incentive planning. In parallel, the outreach team engaged new customers and provided technical guidance to advance projects aligned with energy and decarbonization objectives. The expansion to include municipal customers broadened program reach and enabled new relationships with cities and public agencies. Many municipal entities were actively pursuing climate action plan objectives, creating clear opportunities for the program to support energy savings and fuel substitution goals.

In 2025, the program served 33 customers, with the municipal sector contributing significantly to overall program performance. Program participation generated more than \$4.3 million in TSB, achieved savings of approximately 840,000 kWh and 284,000 therms.

SDG&E's Federal Program closure was approved via SDG&E's Mid Cycle AL December 4, 2025 as it had not met various targets in previous years.¹² Certain projects were committed and are expected to be completed in 2026. Once all projects are completed, SDG&E will initiate shut-down activities.

¹² SDG&E AL 4747-E/3469-G, approved December 29, 2025 and effective December 4, 2025.

III. MARKET SUPPORT SEGMENT PROGRAMS

1. SDGE3262 – SW – FIN – On-Bill Financing

Program Segment: Market Support

Program Implementer: SDG&E

Program Overview: The OBF program is SDG&E’s interest-free, unsecured finance offering designed to facilitate the purchase and installation of qualified EE and demand response measures for eligible non-residential customers, including multifamily property owners or management companies, who might not otherwise install EE measures, primarily due to capital constraints. Approved customers who install qualified equipment are eligible to receive a full rebate or incentive by participating in SDG&E or third-party implemented programs and financing for the remainder of the project cost. Customer loans are repaid through a fixed monthly installment on the customer’s utility bill.

Program Strategies and Outcomes

The OBF program supports financing approved measures and projects. SDG&E’s OBF staff works with third-party implementers and SDG&E’s programs advisors by offering support resources throughout the customer’s EE journey, enabling SDG&E to provide alternative options for customers who may have financial constraints to install EE projects. By enabling qualified customers to complete EE projects with no up-front costs, OBF eliminates one of the major barriers to participating in EE. SDG&E has seen a reduction in projects as legacy and core programs have transitioned to third-party implementers. As a result, SDG&E did not fund any new EE projects in 2025. Moving forward, there is an opportunity to increase awareness among third-party implementers about available financing options to improve visibility and encourage greater participation.

2. SDGE3280 – 3P – IDEEA365

Innovative Designs for Energy Efficiency Activities (IDEEA) 365 is a cross-cutting third-party solicitation program that supports the “rolling” solicitation concept. The program was designed to allow for continuous introduction of innovative ideas and technologies into the EE portfolio by drawing from the skill, experience, and creativity of the EE community and third-party implementers. The IDEEA program creates a mechanism for competitive, year-round solicitations for new third-party programs, as needed.

Program Strategies and Outcomes

In 2018, SDG&E began the implementation of third-party solicitations, which included setting up its EE Procurement Review Group (PRG), hiring Independent Evaluators (IE) and developing best practices with other utilities. In 2025, SDG&E continued to develop and refine internal processes and procedures, utilizing supply management best practices and an experienced team to ensure that all the guidelines and requirements of the Commission and the EE PRG were met. SDG&E executed contracts for the following programs:

Solicitation	Advice Letter Submitted	Advice Letter Approved	Implementation Plan Webinar
Market Access Program (MAP)	3/12/25	4/11/2025	5/22/2025
Private Institutions and Healthcare	1/15/2025	2/14/2025	4/01/2025
Lodging - Hotels and Motels	1/21/2025	2/20/2025	4/04/2025

3. SDGE4174 – Workforce, Education & Training Programs

Program Segment: Market Support

Program Implementer: Richard Heath & Associates

Program Overview: The Learning Energy and Resources Nexus (LEARN) program advances EE knowledge and skills across various sectors, focusing on upskilling workforce and trade professionals and educating SDG&E customers. The program leverages educational techniques, including online courses, video-based microlearning, and interactive webinars to make learning accessible and engaging. Additionally, the program collaborates with educational organizations to enrich curricula with EE resources through the Core Energy Education Collaboration (CEEC) initiative.

This learning platform offers mobile-friendly coursework, animations, and simulations that mimic real-world applications. Interactive webinars support the learning experience by facilitating direct engagement with EE experts and peers. The program’s website is a hub for career pathway maps, educational materials, and immersive virtual experiences, such as a 360-degree walkthrough of an energy-efficient home.

Program Strategies and Outcomes

Throughout 2025, the program supported partnerships with industry organizations, community-based organizations (CBOs), educational institutions, and workforce development providers. Through CEECs, mini-grant agreements, and certification support, the program provided access to clean energy education and opportunities for disadvantaged workers. These collaborations enhanced the relevance of course offerings and supported the integration of technical content into existing educational and vocational programs.

The program's outreach and marketing activities evolved throughout the year. Early efforts emphasized broad awareness building through targeted digital outreach, while later activities shifted toward strengthening the workforce pipeline, improving website performance, and enhancing program visibility. Updates to digital infrastructure increased discoverability, improved search performance, and expanded engagement among new audiences. Communications increasingly emphasize career value, workforce readiness, and economic benefits.

In 2025, the LEARN program supported nearly 10,000 course participants and reached more than 4,300 unique individuals. Customer satisfaction had an annual average rating of 96%. Equity-focused goals were also a core program focus, with 85 disadvantaged worker certifications sponsored and ten CEEC agreements executed.

The program did not meet all of its targets, specifically, disadvantaged worker participation represented 36% of unique individuals, which was below the 51% target for the year. Insights from 2025 participation trends will inform targeted outreach strategies to support improved disadvantaged worker engagement in 2026.

4. SDGE4175 – Local Residential Fuel-Substitution

Program Segment: Market Support

Program Implementer: SDG&E

Program Overview: Customer Home Electrification Readiness (CHERP) is a program designed to assist income-qualified residents in San Diego County install EE measures through a concierge service. It focuses on fuel substitution, renewable energy, energy storage, and demand response. CHERP provides a comprehensive approach by packaging various existing programs and supporting multi-distributed energy resources (DER) projects. It offers guidance on Photovoltaic (PV) solar systems, panel upgrades, heat pump water heaters, heat pump HVAC systems, and

energy storage. Additionally, CHERP educates customers and contractors via newly created tools on EE technologies, available incentives, and DER projects.

Program Outcomes and Strategies

The CHERP program focused exclusively on ramp up and implementation readiness activities following the award of the implementation contract in September 2025. These activities supported program infrastructure development and prepared the program for a planned Q3 2026 launch. Ramp up activities undertaken during this period included, but were not limited to:

- Development of core program documentation, including schedules, implementation plan, marketing plan, and program management processes.
- Creation and configuration of the program's Customer Relationship Management (CRM) platform to support customer intake, tracking, and reporting.
- Development of the Energy Resource Hub, the program's primary public-facing website.
- Development of the Electrification Incentive Tool (EIT), designed to help customers understand available incentives and guide decision-making related to electrification.

5. SDGE4184 – Non-Residential Behavioral Program

Program Segment: Market Support

Program Implementer: Bidgely, Inc.

Program Overview: The Business Energy Report (BER) program supports small business customers (≤ 20 kW) by providing personalized, data-driven reports with appliance-level insights and actionable recommendations focused on behavioral and low/no-cost changes. A core objective of the program is to assist HTR customers and businesses in DACs. In 2025, SDG&E broadened the scope to include certain medium-sized businesses to enhance reach and impact across the commercial segment. Reports were delivered via email and paper, complemented by an integrated web experience. Customers were assigned to treatment and control groups using a randomized control trial design to enable valid measurement of behavioral impacts.

Program Strategies and Outcomes

The program operated with continued outreach and data-driven insights while SDG&E and the third-party evaluator assessed savings performance. Program savings were determined to be statistically insignificant and, therefore, were not claimed. Paper and email reports were sent to approximately 30,000 customers. Customer engagement in Q3 2025 was: 52% open rate and 1%

click rate.

Persistent challenges, such as accurately identifying the appropriate end user and driving sufficient behavioral change, which made savings difficult to measure, limited the program's effectiveness. As a result, SDG&E discontinued the Non-Residential Behavioral program, effective October 31, 2025, and submitted its Mid Cycle AL to close the BER program on November 4, 2025, and it was accepted on December 4, 2025.¹³

IV. EQUITY SEGMENT PROGRAMS

1. SDGE4173 – Small Business Outreach

Program Segment: Equity

Program Implementer: Resource Innovations, Inc.

Program Overview: The Small Business Saver program (SBS) delivers energy bill savings to SDG&E's micro and small business customers with a monthly maximum demand of ≤ 20 kW within DACs and/or are considered HTR customers. The program achieves this through local partnerships as well as CBOs and trade allies for customer outreach. The program offers energy education, bill analysis, direct install measures, and information about other EE and demand response programs.

Program Strategies and Outcomes

In 2025, the SBS program continued implementing coordinated outreach, assessment, and direct install services for small and microbusiness customers across the SDG&E service territory. The third-party implementer, in partnership with its outreach contractor, engaged customers through a combination of community partnerships, targeted outreach, and referrals. Technical assistants provided onsite assessments and installed EE measures at participating businesses.

Throughout 2025, the outreach contractor conducted campaigns, including participation in local business events, resource fairs, and community gatherings. Partnerships with local chambers of commerce and CBOs supported access to diverse small business communities, including those located in HTR areas.

¹³ SDG&E AL 4747-E/3469-G, approved December 29, 2025 and effective December 4, 2025.

Customers rated their overall program experience positively however; lower ratings were also encountered and were associated with misunderstandings about program scope. These insights were shared with technical assistants to support ongoing training and continuous improvement. Additionally, installation availability, manual eligibility reviews, and DAC area saturation were key challenges.

Overall, the program served nearly 600 small businesses, the majority of which were microbusinesses. The program continues to focus on expanding participation among eligible small businesses and increasing awareness of available resources.

2. SDGE4176 – Residential Equity Program

Program Segment: Equity

Program Implementer: Global Energy Services, Inc.

Program Overview: The Community Education & Outreach (CEO) program is designed to educate and engage residential customers in DACs, HTR customers, and equity-focused communities across seven cities within the SDG&E service territory. The program aims to increase customer awareness of SDG&E's EE and demand response programs. Through community engagement and in-person outreach activities, the CEO program provides in-language messaging to diverse customer groups. Program materials were translated into Mandarin Chinese, Tagalog, and Vietnamese to support broader community engagement. The program utilized seminars, community outreach booths, multifamily facility outreach, and in-home surveys.

Program Strategies and Outcomes

In 2025, the CEO Program continued implementing a range of outreach strategies designed to increase awareness and participation among DAC and HTR customers and engaged approximately 28,600 customers.

The program experienced challenges related to school outreach scheduling and quality assurance requirements. Preexisting academic calendars and administrative timelines limited school-based implementation; however, efforts were made to strengthen relationships by conducting in-person outreach and building connections with school staff to support expanded implementation in the coming year. Additionally, quality assurance issues were encountered, and in-home survey activities were temporarily paused to enable corrective actions, including staff retraining and enhanced documentation procedures. These strategies allowed program activities

to resume and annual program targets to be met in 2025.

V. CODES & STANDARDS (C&S) PROGRAMS

1. SDGE3251 – SW C&S – Compliance Enhancement

The Compliance Enhancement (CE) subprogram supports increased compliance with the adopted Building EE Codes and the Appliance Standards. Compliance enhancement and improvement activities complement advocacy work in maximizing verified, persistent savings from codes and standards activities. The CE subprogram targets market actors throughout the compliance chain, providing education, outreach, technical support, and resources to improve compliance with both building and appliance energy standards.

Program Strategies and Outcomes

The CE subprogram strives to maximize compliance with Energy Code Ace (ECA), Title 24, Part 6 and Title 20 to support California’s EE and carbon reduction goals. Under ECA brand in collaboration with SCE and PG&E, the CE program effectively drives higher compliance rates by enacting behavior change throughout the building and appliance efficiency supply chains. Training builds knowledge and skills; tools and resources enable users to take desired actions; outreach raises awareness and motivation. Key 2025 accomplishments include:

- Delivered 220 courses and achieved an average knowledge swing score of 25% and average satisfaction rating of 98%.
- Updated Energy Code Ace tools, training and resources to reflect 2025 Title 24, Part 6 requirements.
- Facilitated compliant permit applications through Virtual Compliance Assistant projects for a year over year growth of more than 18%.

2. SDGE3252 – SW C&S – Reach Codes

The Reach Codes (RC) subprogram provides technical support and stakeholder outreach and education to local governments that seek to adopt local energy ordinances (reach codes) that exceed statewide Title 24 Building Energy Code (Part 6) minimum requirements and meets CALGreen, Title 24, Part 11 for new buildings, additions, or alterations. The RC subprogram support for local governments included pre-adoption research and analysis to establish performance levels and cost effectiveness relative to Title 24 by climate zone, drafting model ordinance templates to facilitate adoption and encourage regional consistency, assistance for completing the application process for approval by the CEC (California Energy Commission) and

BSC (Building Standards Commission), and supporting post-adoption implementation once effective through trainings, tools, videos, and resources.

Program Strategies and Outcomes

The RC program supported multiple efforts across California and SDG&E's service territory to increase adoption of reach codes by local jurisdictions in achieving their Climate Action Plan goals. Key 2025 highlights include:

- Supported 7 local jurisdictions in San Diego County to evaluate and implement reach codes policies and ordinances.
- Supported Encinitas staff re-adoption of ordinances related to existing single-family and multifamily additions and alterations, electric vehicle charging in both nonresidential and single-family new construction, and graywater requirements in new homes.
- Supported City of San Diego development of ordinances requiring higher performance for multifamily new construction and cool roofs for nonresidential re-roofing projects.
- Continued hosting monthly CA Reach Codes calls with local sustainability staff, regional, and state agencies (90 attendees average) to provide consistent communications and a reach codes "community" forum to exchange ideas and experiences.
- Supported City of San Diego's Zero Emissions Municipal Building Policy (ZEMBOP) with technical assistance on updates to their Sustainable Building Policy and Building Design Guidelines.
- Supported Chula Vista's revisions and re-adoption of a Building Performance Standard (BPS) ordinance.
- Supported Solana Beach re-adoption of ordinance to require installation of EV charging equipment in new single-family homes.
- Supported County of San Diego sustainability team assessment of policy options available with respect to both new construction and existing buildings.

3. SDGE3253 – SW C&S – Planning Coordination

The Planning & Coordination (PC) subprogram works with IOUs and key stakeholders on C&S strategies, goals, initiatives, and projects. This includes expanded scope to support EE, electrification, greenhouse gas (GHG) reduction, alternative fuel vehicles, grid flexibility and sustainability, indoor air quality, and equity considerations. The planning element of the PC subprogram includes long-term planning and scenario analyses, modeling of impacts from potential C&S program activities relative to California policy goals. The coordination element

includes C&S coordination with other internal and external stakeholder groups to integrate the influence of future codes and standards for all homes and buildings.

Program Strategies and Outcomes

The PC subprogram takes an integrated approach to strategic initiatives and projects, perspectives, relationships, and expectations of multiple market actors to meet the various decarbonization goals. The PC subprogram creates multiple market strategies and resources to move the construction market toward decarbonization, GHG, and climate goals. Key 2025 accomplishments include:

- Maintained the “Energy Education and Resource Hub” for the San Diego Region targeting local governments.
- Educated stakeholders on new construction forecasts, decarbonization strategies, transmission and distribution coordination, load profile analysis, future resiliency measure research, BPS and the Bottoms Up Grid Model Advanced Profiles (BUGMAP) tool.
- Developed and delivered trainings on the “Small Lot Code Analysis Tool” to educate and analyze the code impact on the increased demand of accessory dwelling units (ADU) in the San Diego Region.
- Implemented the “Building/Transportation Electrification Equity Project” to develop an equity framework toolkit to assess the impacts of electrification, resiliency, and BPS.
- Supported updates to EV infrastructure and EVSE requirements under CALGreen, Title 24, Part 11 for the 2022 Interim and 2025 Code Cycle.

VI. OTHER PROGRAMS AND ACTIVITIES

Coordination with San Diego Regional Energy Network

SDG&E and SDREN have a Joint Cooperation Memorandum (JCM) in place that outlines coordination strategies and identifies areas where programs may overlap, including target markets, customer segments, measures, and timing.¹⁴ In 2025, SDG&E and SDREN held monthly sector meetings to discuss program updates, implementation status, and coordination needs across portfolios. SDG&E and SDREN began development of supporting protocol documents that describe how coordination occurs in practice and when a more detailed review (e.g., a decision-

¹⁴ See CEDARS, Reports & Documents, *available at* <https://cedars.cpuc.ca.gov/documents/standalone/list/>.

tree approach) may be used to assess potential overlap. This effort is ongoing. The protocols are intended to guide information sharing and coordination rather than serve as formal overlap resolution mechanisms. In 2025, SDG&E and SDREN coordinated on several regulatory and program activities, including discussions related to A.25-04-014, Mid-Cycle Advice Letters, and development of the 2028–2035 Rolling Portfolio Applications (A.26-03-009, et al.).

Third Party Contract Upstream/Midstream Installation Verification

OP 13 of D.23-06-055 requires PAs to “identify and describe the approaches they will take to verify upstream and midstream installations, beginning with the annual reports due in 2025.” SDG&E responds as follows: SDG&E serves as the lead administrator for two upstream or midstream programs, and SDG&E collects end-user data elements for each savings claim to verify upstream and midstream installations. Data collected includes, but is not limited to, locations of installations (e.g., customer names and addresses) and contact information. Additionally, both SDG&E and its third-party implementers perform inspections for a representative sample of sites to confirm that incentivized equipment is installed. SDG&E consulted with its third-party implementers during contract negotiations, referencing D.23-06-055 as well as program evaluation studies, to ensure that its contracts document the process, steps, and collected data elements necessary for program evaluability. SDG&E has identified these approaches for Commission staff in its Responses to Recommendations (RTR) reports following program evaluation studies.

Community Engagement Indicators

In D.23-06-055, the Commission directed EE PAs to collaboratively develop qualitative and quantitative indicators to track and report on community engagement activities for equity segment programs. OP 24 required PAs to develop Community Engagement Indicators (CEIs), include them in Mid Cycle ALs, and, following Energy Division approval, report on adopted indicators in respective annual reports.¹⁵ In response, the PAs participated in a collaborative process, informed by a California Energy Efficiency Coordinating Committee (CAEECC) convened Community Engagement Panel, to develop a common, baseline set of indicators intended to improve understanding of community needs, build trust with equity communities, and

¹⁵ See SDG&E AL 4747-E/3469-G, approved December 29, 2025 and effective December 4, 2025.

assess program relevance and impact, while allowing flexibility across portfolios. SDG&E will begin reporting on CEIs beginning program year 2027, which will be available in the annual report filed in 2028.

Residential Awareness, Knowledge, Attitude and Behavior (AKAB) Survey

The residential Awareness, Knowledge, Attitudes, and Behaviors (AKAB) survey is designed to collect data across the 17 AKAB indicators adopted in D 23-06-055.¹⁶ The survey supports the establishment of baseline conditions, allows PAs to track progress over time, and informs the development of targets and goals for the market support segment. Launched at the end of 2025, the residential AKAB survey focuses on customer engagement with EE products and services, as well as access to capital for EE related investments. The statewide effort was administered across a diverse set of residential customer segments, including single-family households, multifamily occupants, and multifamily property owners and managers.

Survey results for single-family and multifamily occupant segments will be available in table format in 2026.

¹⁶ D.23-06-055 at 63-65.

Appendix A
Annual Report Tables

Appendix A: SDG&E Portfolio Supporting Data

Please review the file: “SDG&E 2025 Annual Report Data Tables,” uploaded to the CEDARS website (<https://cedars.sound-data.com/documents/standalone/list/>), to view 2025 supporting data including the following tables:

Tab	Content
Tab 1 – Program Data	The purpose of Table 1 is to report the annual costs expended by SDG&E in implementing the EE portfolio of programs. The report shows the “Total EE Portfolio Expenditures” broken out into the Administrative Costs, Marketing / Advertising / Outreach Costs, Direct Implementation Costs, and Evaluation, Measurement and Verification (EM&V) Cost categories. This table also includes budget and expenditure dollars for Financing Programs/Pilots.
Tab 2 – Bill Impacts	The purpose of Table 2 is to report the annual impact of the EE activities on customer bills relative to bills without EE programs, as required the EE Policy Manual, adopted in D.05-04-051.
Tab 3 - Commitments	The purpose of Table 3 is to allow the PAs to report commitments (contractual or incentive) that will produce savings after December 2025. This information will be useful for the Commission’s resource planning purposes by enabling program activities to be linked to a particular funding cycle.
Tab 4 – Cap & Target	The purpose of Table 4 is to show the annual Cap & Target performance of the EE portfolio by budget category (Administrative, Marketing & Outreach, Direct Implementation, and EM&V) as defined in D.09-09-047 and clarified in D.12-11-015.
Tab 5 – BP Metrics	The purpose of Table 5 is to show portfolio savings for numerous key elements based on the activity of SDG&E’s regional program portfolio and the service territory customer population.
Tab 6 – 3P Calculation	The purpose of Table 6 is to demonstrate compliance with Commission D.18-01-004 and D.16-08-019 regarding SDG&E’s third-party Program solicitations.
Tab 7 – 3P Contract Information	The purpose of Table 7 is to provide detail on third-party contract information including program sector, contract start and end dates, contract length and contract amount.
Tab 8 – PG&E Marketplace	This table is specific to PG&E. As such, it is not included in SDG&E’s annual report.

Appendix B

Final True Up Reports

Appendix B: Statewide Final True Up Reports

The purpose of the following tables is to show the Annual True-Up Report submitted to each funding IOU by the other IOUs following a program year and included in the program year Annual Report, as required by the various Co-Funding Agreements. The Annual True-Up Report outlines the following:

- amounts funded by each of the IOUs, per the Co-Funding Agreement;
- a summary of program expenditures and the allocation of these expenditures to each of the IOUs;
- a calculation of interest applicable to each IOUs balance after program funding and expenditure amounts; and
- a calculation of any applicable refund to the IOUs.

Section 1 – Statewide HVAC

Annual True-Up Report						
Program Name: SW Upstream and Midstream Heating, Ventilation, and Air Conditioning (HVAC) Program						
Program Year: 2025						
Lead: San Diego Gas & Electric						
	PG&E	SDG&E	SCE	SCG	Total	Note on Row Content
Proportional Contribution per Load-Share	31.49%	9.92%	49.75%	8.84%	100.00%	For each IOU: its proportional share per CFA Exhibit B
Total Monthly CFA Payments Made	\$ 3,783,599.08	\$ 1,410,151.80	\$ 5,430,331.90	\$ 964,907.22	\$ 11,588,990.00	For each IOU: total dollar amount of payments for that Program Year for this SW Program
Total Interest Payment Accrued *	\$ (7,633.91)	\$ 4,379.45	\$ 9,488.09	\$ (6,444.64)	\$ (211.01)	For each IOU: dollar amount of interest accrued on that IOU's Total Monthly Payments made
Program Costs Actually Spent	\$ (3,437,208.49)	\$ (1,082,791.63)	\$ (5,430,330.99)	\$ (964,907.06)	\$ (10,915,238.17)	For each IOU: proportional share of the total program implementer contract costs spent for that Program Year
Program Costs Committed	\$ -	\$ -	\$ -	\$ -	\$ -	For each IOU: proportional share of the total program implementer contract costs committed for that Program Year
Annual True-Up Payment Accrued	\$ 338,756.68	\$ 331,739.62	\$ 9,489.00	\$ (6,444.48)	\$ 673,540.82	For each IOU: dollar amount calculated as: [Total Monthly Payments Made + Total Interest Payment Accrued - Program Contract Costs Spent - Program Contract Costs Committed]

* Interest is calculated through December 31, 2025 by multiplying the following factors:

- the average of the account balance at the beginning of the month and the balance in the account after the program funding and expense but before interest at the end of month
- one-twelfth of the interest rate on three-month nonfinancial Commercial Paper for the previous month, as reported in the Federal Reserve Statistical Release, H.15. or its successor

Section 2 – Statewide PLA

Annual True-Up Report Program Name: SW Plug Load Appliances Program Program Year: 2025 Lead: San Diego Gas & Electric						
	PG&E	SDG&E	SCE	SCG	Total	Note on Row Content
Proportional Contribution per Load-Share	31.49%	9.92%	49.75%	8.84%	100.00%	For each IOU: its proportional share per CFA Exhibit B
Total Monthly CFA Payments Made	\$ 3,841,780.02	\$ 992,000.00	\$ 6,616,750.00	\$ 1,175,720.00	\$ 12,626,250.02	For each IOU: total dollar amount of payments for that Program Year for this SW Program
Total Interest Payment Accrued*	\$ (41,368.75)	\$ (8,861.91)	\$ (42,658.82)	\$ (13,543.06)	\$ (106,432.54)	For each IOU: dollar amount of interest accrued on that IOU's Total Monthly Payments made
Program Costs Actually Spent	\$ (4,188,170.00)	\$ (1,319,360.00)	\$ (6,616,750.00)	\$ (1,175,720.00)	\$ (13,300,000.00)	For each IOU: proportional share of the total program implementer contract costs spent for that Program Year
Program Costs Committed	\$ -	\$ -	\$ -	\$ -	\$ -	For each IOU: proportional share of the total program implementer contract costs committed for that Program Year
Annual True-Up Payment Accrued	\$ (387,758.73)	\$ (336,221.91)	\$ (42,658.82)	\$ (13,543.06)	\$ (780,182.52)	For each IOU: dollar amount calculated as: [Total Monthly Payments Made + Total Interest Payment Accrued - Program Contract Costs Spent - Program Contract Costs Committed]

* Interest is calculated through December 31, 2025 by multiplying the following factors:

- the average of the account balance at the beginning of the month and the balance in the account after the program funding and expense but before interest at the end of month
- one-twelfth of the interest rate on three-month nonfinancial Commercial Paper for the previous month, as reported in the Federal Reserve Statistical Release, H.15. or its successor

Section 3 – Statewide HVAC QI/QM

Annual True-Up Report Program Name: SW Residential HVAC Quality Installation/Quality Maintenance Program (ENERGY EFFICIENCY) Program Year: 2025 Energy Efficiency Lead: San Diego Gas & Electric						
	PG&E	SDG&E	SCE	SCG	Total	Note on Row Content
Proportional Contribution per Load-Share	31.49%	9.92%	49.75%	8.84%	100.00%	For each IOU: its proportional share per CFA Exhibit B
Total Monthly CFA Payments Made	\$ 2,610,540.23	\$ 822,374.05	\$ 4,124,305.35	\$ 732,841.39	\$ 8,290,061.02	For each IOU: total dollar amount of payments for that Program Year for this SW Program
Total Interest Payment Accrued *	\$ 16,950.88	\$ 10,269.94	\$ 47,888.27	\$ 3,412.26	\$ 78,521.35	For each IOU: dollar amount of interest accrued on that IOU's Total Monthly Payments made
Program Costs Actually Spent	\$ (1,864,269.54)	\$ (587,283.37)	\$ (2,945,297.20)	\$ (523,345.26)	\$ (5,920,195.37)	For each IOU: proportional share of the total program implementer contract costs spent for that Program Year
Program Costs Committed	\$ -	\$ -	\$ -	\$ -	\$ -	For each IOU: proportional share of the total program implementer contract costs committed for that Program Year
Annual True-Up Payment Accrued	\$ 763,221.57	\$ 245,360.62	\$ 1,226,896.42	\$ 212,908.39	\$ 2,448,387.00	For each IOU: dollar amount calculated as: [Total Monthly Payments Made + Total Interest Payment Accrued - Program Contract Costs Spent - Program Contract Costs Committed]

* Interest is calculated through December 31, 2025 by multiplying the following factors:

- the average of the account balance at the beginning of the month and the balance in the account after the program funding and expense but before interest at the end of month
- one-twelfth of the interest rate on three-month nonfinancial Commercial Paper for the previous month, as reported in the Federal Reserve Statistical Release, H.15. or its successor

Section 4 – 2025 Payment Schedule

The purpose of the following tables is to show the timing of the amounts funded by each IOU for the 2025 program year for each SDG&E led statewide program.

Statewide HVAC



2025 Payment Schedule

SDGE SW Upstream and Midstream Heating, Ventilation, and Air Conditioning (HVAC) Program

Parties	Annual Funding Contribution per Load-Share	2025 Annual Funding Contribution	2025 Payments												Total
			Payment #1	Payment #2	Payment #3	Payment #4	Payment #5	Payment #6	Payment #7	Payment #8	Payment #9	Payment #10	Payment #11	Payment #12	
			01/15/25	02/15/25	03/15/25	04/15/25	05/15/25	06/15/25	07/15/25	08/15/25	09/15/25	10/15/25	11/15/25	12/15/25	
PG&E	31.49%	\$ 3,437,209.08	\$ 373,031.59	\$ 373,031.59	\$ 373,031.59	\$ 373,031.59	\$ 373,031.59	\$ 373,031.59	\$ 373,031.59	\$ 373,031.59	\$ 373,031.59	\$ 373,031.59	\$ 373,031.59	\$ 373,031.59	\$ (666,138.41)
SDG&E	9.92%	\$ 1,082,791.80	\$ 117,512.65	\$ 117,512.65	\$ 117,512.65	\$ 117,512.65	\$ 117,512.65	\$ 117,512.65	\$ 117,512.65	\$ 117,512.65	\$ 117,512.65	\$ 117,512.65	\$ 117,512.65	\$ 117,512.65	\$ (209,847.35)
SCE	49.75%	\$ 5,430,331.90	\$ 589,340.16	\$ 589,340.16	\$ 589,340.16	\$ 589,340.16	\$ 589,340.16	\$ 589,340.16	\$ 589,340.16	\$ 589,340.16	\$ 589,340.16	\$ 589,340.16	\$ 589,340.16	\$ 589,340.16	\$ (1,052,409.86)
SoCalGas	8.84%	\$ 964,907.22	\$ 104,718.94	\$ 104,718.94	\$ 104,718.94	\$ 104,718.94	\$ 104,718.94	\$ 104,718.94	\$ 104,718.94	\$ 104,718.94	\$ 104,718.94	\$ 104,718.94	\$ 104,718.94	\$ 104,718.94	\$ (187,001.12)
Total	100.00%	\$10,915,240.00	\$ 1,184,603.34	\$ 1,184,603.34	\$ 1,184,603.34	\$ 1,184,603.34	\$ 1,184,603.34	\$ 1,184,603.34	\$ 1,184,603.34	\$ 1,184,603.34	\$ 1,184,603.34	\$ 1,184,603.34	\$ 1,184,603.34	\$ 1,184,603.34	\$ (2,115,396.74)

Footnote 1: Monthly remittance calculation:

Monthly remittance = 1 / 12 of 2025 annual funding contribution per section II.2.b.

Payment Requirement: The first payment is due by 1/15/2025 via ACH to Lead IOU. Payments #2,3,4,5,6,7,8,9,10,11,12 are due by the 15th of each month WITHOUT further notification from Lead IOU.

Footnote 3: Exhibit B 2025 Program Budget and IOU Funding Contribution of the CFA

Exhibit B

2025 Program Budget and IOU Funding Contribution

Party	Annual Funding Contribution per Load-Share	Annual Funding Contribution
PG&E	31.49%	\$ 4,476,379.08
SDG&E	9.92%	\$ 1,410,151.80
SCE	49.75%	\$ 7,072,081.90
SoCalGas	8.84%	\$ 1,256,627.22
Total Program Annual Budget	100.00%	\$ 14,215,240.00

Statewide HVAC QI/QM

		2025 Payment Schedule SDGE Res Heating, Ventilation, and Air Conditioning (HVAC) QI/QM Program												
Parties	Annual Funding Contribution per Load-Share	2025 Annual Funding Contribution	2025 Energy Efficiency Payments											
			Payment #1	Payment #2	Payment #3	Payment #4	Payment #5	Payment #6	Payment #7	Payment #8	Payment #9	Payment #10	Payment #11	Payment #12
			1/15/2025	2/15/2025	3/15/2025	4/15/2025	5/15/2025	6/15/2025	7/15/2025	8/15/2025	9/15/2025	10/15/2025	11/15/2025	12/15/2025
PG&E	31.49%	\$ 2,610,540.21	\$ 217,545.02	\$ 217,545.02	\$ 217,545.02	\$ 217,545.02	\$ 217,545.02	\$ 217,545.02	\$ 217,545.02	\$ 217,545.02	\$ 217,545.02	\$ 217,545.02	\$ 217,545.02	\$ 217,545.02
SDG&E	9.92%	\$ 822,374.05	\$ 68,531.17	\$ 68,531.17	\$ 68,531.17	\$ 68,531.17	\$ 68,531.17	\$ 68,531.17	\$ 68,531.17	\$ 68,531.17	\$ 68,531.17	\$ 68,531.17	\$ 68,531.17	\$ 68,531.17
SCE	49.75%	\$ 4,124,305.35	\$ 343,692.11	\$ 343,692.11	\$ 343,692.11	\$ 343,692.11	\$ 343,692.11	\$ 343,692.11	\$ 343,692.11	\$ 343,692.11	\$ 343,692.11	\$ 343,692.11	\$ 343,692.11	\$ 343,692.11
SCG	8.84%	\$ 732,841.39	\$ 61,070.12	\$ 61,070.12	\$ 61,070.12	\$ 61,070.12	\$ 61,070.12	\$ 61,070.12	\$ 61,070.12	\$ 61,070.12	\$ 61,070.12	\$ 61,070.12	\$ 61,070.12	\$ 61,070.12
Total	100.00%	\$ 8,290,061.00	\$ 690,838.42	\$ 690,838.42	\$ 690,838.42	\$ 690,838.42	\$ 690,838.42	\$ 690,838.42	\$ 690,838.42	\$ 690,838.42	\$ 690,838.42	\$ 690,838.42	\$ 690,838.42	\$ 690,838.42

Footnote 1: Monthly remittance calculation:
Monthly remittance = 1 / 12 of 2025 annual funding contribution per section II.2.b.

Payment Requirement: The first payment is due by 1/15/2025 via ACH to Lead IOU. Payments #2,3,4,5,8 are due by the 15th of each month WITHOUT further notification from Lead IOU.

Footnote 3: Exhibit B 2025 Program Budget and IOU Funding Contribution of the CFA

Exhibit B 2025 EE Program Budget and IOU Funding Contribution		
Party	Annual Funding Contribution per Load-Share	Annual Funding Contribution
PG&E	31.49%	\$ 2,610,540.21
SDG&E	9.92%	\$ 822,374.05
SCE	49.75%	\$ 4,124,305.35
SoCalGas	8.84%	\$ 732,841.39
Total Program Annual Budget	100.00%	\$ 8,290,061.00

Appendix C

Revisions to SDG&E's 2023 and 2024 Annual Reports

2023 Revisions

A CPUC Custom Industrial, Agricultural, and Commercial (CIAC) evaluation identified claim input issues with three 2023 claims for the SDGE3317 HOPPs RCx program. The table below details the revisions and variances associated with the three claims where either the Net to Gross (NTG) or Gross Realization Rate (GRR) was incorrect on the originally submitted reversal claims.

	Cycle Year	PrgID	ProgramName	ClaimID	Claim Qtr	First Year Net kW	First Year Net kWh	First Year Net Therm	NTGRkW	NTGR kWh	NTGR Therm	Realization RatekW	Realization RatekWh	Realization RateTherm
Original Claim Values	2023	SDGE3317	HOPPs - Building Retro-Commissioning	SDGE-2023-SDGE3317-10945041-12353600-4	2023Q4	(60.69)	(564,119)	(310)	0.60	0.60	0.60	0.90	0.90	0.90
Revised Claim Values	2023	SDGE3317	HOPPs - Building Retro-Commissioning	SDGE-2023-SDGE3317-10945041-12353600-4	2023Q4	(98.04)	(911,270)	(501)	1.00	1.00	1.00	0.90	0.90	0.90
					Variance	(37.35)	(347,150)	(191)						
Original Claim Values	2023	SDGE3317	HOPPs - Building Retro-Commissioning	SDGE-2023-SDGE3317-10958650-13340061-2	2023Q4	(59.25)	(555,153)	-	0.60	0.60	0.60	0.90	0.90	0.90
Revised Claim Values	2023	SDGE3317	HOPPs - Building Retro-Commissioning	SDGE-2023-SDGE3317-10958650-13340061-2	2023Q4	(95.71)	(896,786)	-	1.00	1.00	1.00	0.90	0.90	0.90
					Variance	(36.46)	(341,633)	-						
Original Claim Values	2023	SDGE3317	HOPPs - Building Retro-Commissioning	SDGE-2023-SDGE3317-10973269-13264335-2	2023Q4	(17.78)	(956,353)	(351,986)	1.00	1.00	1.00	0.90	0.90	0.90
Revised Claim Values	2023	SDGE3317	HOPPs - Building Retro-Commissioning	SDGE-2023-SDGE3317-10973269-13264335-2	2023Q4	(19.75)	(1,062,615)	(391,095)	1.00	1.00	1.00	1.00	1.00	1.00
					Variance	(1.98)	(106,262)	(39,110)						

2024 Revisions

SDG&E includes the following corrections to its 2024 Annual Report. The corrections include updated Gas Average Rate (\$/therm) values for gas rate classes.

Original:

T-5 Estimated Billpayer Impacts from Net Savings (IOU Only)

ORIGINAL

S-1: Energy Savings Used for Bill Savings Calculation

2024	PA				Additional Savings from REN/CCAs (for IOUs)				Total Energy Savings			
	First Year Net kWh	Lifecycle Net kWh	First Year Net Therm	Lifecycle Net Therm	First Year Net kWh	Lifecycle Net kWh	First Year Net Therm	Lifecycle Net Therm	First Year Net kWh	Lifecycle Net kWh	First Year Net Therm	Lifecycle Net Therm
Estimated Rate Agriculture	1,977	29,660	94,109	470,544					1,977	29,660	94,109	470,544
Estimated Rate Commercial	-4,250,448	-35,003,945	1,590,930	22,532,481					-4,250,448	-35,003,945	1,590,930	22,532,481
Estimated Rate Industrial	4,173,305	20,866,524	378,283	2,045,947					4,173,305	20,866,524	378,283	2,045,947
Estimated Rate Public	458,282	3,548,237	76,469	396,177					458,282	3,548,237	76,469	396,177
Estimated Rate Residential	27,567,860	26,807,673	2,378,420	9,871,746					27,567,860	26,807,673	2,378,420	9,871,746
Estimated Cross-Cutting	250,633,709	3,371,422,445	2,537,760	37,107,197					250,633,709	3,371,422,445	2,537,760	37,107,197
Total	278,584,684	3,387,670,593	7,055,971	72,424,092	0	0	0	0	278,584,684	3,387,670,593	7,055,971	72,424,092

S-2: Estimated Bill Savings

2024 ¹	Electric Average Rate ² \$/kWh	Gas Average Rate \$/therm	Estimated First Year Bill Savings Electric (\$)	Estimated Lifecycle Bill Savings Electric (\$)	Estimated First Year Bill Savings Gas (\$)	Estimated Lifecycle Bill Savings Gas (\$)	Estimated First Year Bill Savings (\$)	Estimated Lifecycle Bill Savings (\$)
Estimated Rate Agriculture ³	\$0.2495	\$0.0593	\$493	\$7,401	\$5,585	\$27,926	\$6,079	\$35,327
Estimated Rate Commercial ⁴	\$0.3450	\$0.7056	-\$1,466,546	-\$12,077,528	\$1,122,502	\$15,898,097	-\$344,044	\$3,820,569
Estimated Rate Industrial ⁵	\$0.3202	\$0.0593	\$1,336,257	\$6,581,287	\$22,450	\$121,423	\$1,358,708	\$6,802,709
Estimated Rate Public ⁵	\$0.3202	\$0.0593	\$146,738	\$1,136,116	\$4,538	\$23,512	\$151,276	\$1,159,628
Estimated Rate Residential ⁶	\$0.3438	\$0.5636	\$9,478,749	\$9,217,372	\$1,340,451	\$5,563,607	\$10,819,200	\$14,780,979
Estimated Cross-Cutting ⁷	\$0.3289	\$0.4428	\$82,430,920	\$1,108,827,128	\$1,123,805	\$16,432,308	\$83,554,726	\$1,125,259,436
Total			\$91,926,612	\$1,113,791,776	\$3,619,332	\$38,066,873	\$95,545,945	\$1,151,858,648

Notes: (Consistent with SPM TRC/PAC/RIM tests, all savings used from actuals and forecasts in this table are net not gross)

(I) Estimated first year electric bill savings is calculated by multiplying an Estimated electric rate (as of 12/31/24) with first year net kWh energy savings.

(II) Estimated first year gas bill savings is calculated by multiplying an Estimated gas rate (as of 12/31/24) with first year net therm energy savings.

Gas rate reflects the annual Estimated residential bundled rate for 2024.

(III) Total Estimated first year bill savings is the sum of Notes 1 and 2.

(IV) Estimated lifecycle electric bill savings is calculated by multiplying an Estimated electric rate with lifecycle net kWh energy savings.

(V) Estimated lifecycle gas bill savings is calculated by multiplying an Estimated gas rate with lifecycle net therm energy savings.

(VI) Total Estimated lifecycle bill savings is the sum of Notes 4 and 5.

(VII) Total Estimated Bill Savings by Year and Lifecycle Bill Savings include C&S net savings and net lifecycle savings respectively; and includes BayREN, MCE, 3C-REN, RCEA, SJCE, EBCCE, PCE, and SCP savings; excludes ESA Program.

¹ Average rates are calculated using weighted average of rates effective from time period 1-1-2024 to 12-31-2024.

² Average rates include California Climate Credit.

³ Category falls under SDG&E's Agriculture Class Average Electric Rate and Non-Core Commercial & Industrial Gas Rate.

⁴ Category falls under SDG&E's Small Commercial Class Average Electric Rate and Core Commercial & Industrial Gas Rate.

⁵ Category falls under SDG&E's Medium and Large C&I Class Average Electric Rate and Non-Core Commercial & Industrial Gas Rate.

⁶ Category falls under SDG&E's Residential Class Average Electric Rate and Gas Rate.

⁷ Category falls under SDG&E's System Average Electric Rate and Gas Rate.

Revised:

T-5 Estimated Billpayer Impacts from Net Savings (IOU Only) REVISED

5-1: Energy Savings Used for Bill Savings Calculation

2024	PA				Additional Savings from REN/CCAs (for IOUs)				Total Energy Savings			
	First Year Net kWh	Lifecycle Net kWh	First Year Net Therm	Lifecycle Net Therm	First Year Net kWh	Lifecycle Net kWh	First Year Net Therm	Lifecycle Net Therm	First Year Net kWh	Lifecycle Net kWh	First Year Net Therm	Lifecycle Net Therm
Estimated Rate Agriculture	1,977	29,660	94,109	470,544					1,977	29,660	94,109	470,544
Estimated Rate Commercial	-4,250,448	-35,003,945	1,590,930	22,532,481					-4,250,448	-35,003,945	1,590,930	22,532,481
Estimated Rate Industrial	4,173,305	20,866,524	378,283	2,045,947					4,173,305	20,866,524	378,283	2,045,947
Estimated Rate Public	458,282	3,548,237	76,469	396,177					458,282	3,548,237	76,469	396,177
Estimated Rate Residential	27,567,860	26,807,673	2,378,420	9,871,746					27,567,860	26,807,673	2,378,420	9,871,746
Estimated Cross-Cutting	250,633,709	3,371,422,445	2,537,760	37,107,197					250,633,709	3,371,422,445	2,537,760	37,107,197
Total	278,584,684	3,387,670,593	7,055,971	72,424,092	0	0	0	0	278,584,684	3,387,670,593	7,055,971	72,424,092

5-2: Estimated Bill Savings

2024 ¹	Electric Average Rate ² \$/kWh	Gas Average Rate \$/therm	Estimated First Year Bill Savings Electric (\$)	Estimated Lifecycle Bill Savings Electric (\$)	Estimated First Year Bill Savings Gas (\$)	Estimated Lifecycle Bill Savings Gas (\$)	Estimated First Year Bill Savings (\$)	Estimated Lifecycle Bill Savings (\$)
Estimated Rate Agriculture ³	\$0.2495	\$0.4197	\$493	\$7,401	\$39,498	\$197,489	\$39,991	\$204,890
Estimated Rate Commercial ⁴	\$0.3450	\$1.1996	-\$1,466,546	-\$12,077,528	\$1,908,479	\$27,029,958	\$441,933	\$14,952,430
Estimated Rate Industrial ⁵	\$0.3202	\$0.4197	\$1,336,257	\$6,681,287	\$158,767	\$858,691	\$1,495,024	\$7,539,978
Estimated Rate Public ⁵	\$0.3202	\$0.4197	\$146,738	\$1,136,116	\$32,094	\$166,277	\$178,833	\$1,302,393
Estimated Rate Residential ⁶	\$0.3438	\$2.0840	\$9,478,749	\$9,217,372	\$4,956,742	\$20,573,194	\$14,435,491	\$29,790,565
Estimated Cross-Cutting ⁷	\$0.3289	\$1.2345	\$82,430,920	\$1,108,827,128	\$3,132,739	\$45,806,994	\$85,563,660	\$1,154,634,122
Total			\$91,926,612	\$1,113,791,776	\$10,228,319	\$94,632,602	\$102,154,931	\$1,208,424,378

Notes: (Consistent with SPM TRC/PAC/RIM tests, all savings used from actuals and forecasts in this table are net not gross)

(I) Estimated first year electric bill savings is calculated by multiplying an Estimated electric rate (as of 12/31/24) with first year net kWh energy savings.

(II) Estimated first year gas bill savings is calculated by multiplying an Estimated gas rate (as of 12/31/24) with first year net therm energy savings.

Gas rate reflects the annual Estimated residential bundled rate for 2024.

(III) Total Estimated first year bill savings is the sum of Notes 1 and 2.

(IV) Estimated lifecycle electric bill savings is calculated by multiplying an Estimated electric rate with lifecycle net kWh energy savings.

(V) Estimated lifecycle gas bill savings is calculated by multiplying an Estimated gas rate with lifecycle net therm energy savings.

(VI) Total Estimated lifecycle bill savings is the sum of Notes 4 and 5.

(VII) Total Estimated Bill Savings by Year and Lifecycle Bill Savings include C&S net savings and net lifecycle savings respectively; and includes BayREN, MCE, 3C-REN, RCEA, SJCE, EBCE, PCE, and SCP savings; excludes ESA Program.

¹ Average rates are calculated using weighted average of rates effective from time period 1-1-2024 to 12-31-2024.

² Average rates include California Climate Credit.

³ Category falls under SDG&E's Agriculture Class Average Electric Rate and Non-Core Commercial & Industrial Gas Rate.

⁴ Category falls under SDG&E's Small Commercial Class Average Electric Rate and Core Commercial & Industrial Gas Rate.

⁵ Category falls under SDG&E's Medium and Large C&I Class Average Electric Rate and Non-Core Commercial & Industrial Gas Rate.

⁶ Category falls under SDG&E's Residential Class Average Electric Rate and Gas Rate.

⁷ Category falls under SDG&E's System Average Electric Rate and Gas Rate.