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BEFORE THE PUBLIC UTILITIES COMMISSION
OF THE STATE OF CALIFORNIA

Order Instituting Rulemaking for Oversight of Energy Efficiency Portfolios, Policies, Programs, and Evaluation.	Rulemaking 25-04-010 (Issued April 29, 2025)

PACIFIC GAS AND ELECTRIC COMPANY'S (U39M) 2025 ENERGY EFFICIENCY ANNUAL REPORT

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Dated: May 1, 2026

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PACIFIC GAS AND ELECTRIC COMPANY'S (U39M) 2025 ENERGY EFFICIENCY ANNUAL REPORT

Pacific Gas and Electric Company (PG&E) respectfully submits the attached 2025 Energy Efficiency Annual Report (2025 Report) in accordance with the August 8, 2007, *Administrative Law Judge's Ruling Adopting Annual Reporting Requirements for Energy Efficiency and Addressing Related Reporting Issues* (Ruling), in Rulemaking (R.) 06-04-010. Ordering Paragraph (OP) 2 of the Ruling requires "each utility to file its annual report on May 1 of the year following the end of a given program year."[1]

The 2025 Report is being filed and served to parties in R.25-04-010, which is the successor proceeding to R.13-11-005, R.09-11-014, and R.06-04-010. In compliance with the *Decision Addressing Third Party Solicitation Process for Energy Efficiency Programs*, Decision (D.) 18-01-004, OP 8, PG&E's 2025 Report includes information regarding where to locate PG&E's Third-Party Contract List for 2025.[2] In addition, the 2025 Report is further updated pursuant to portfolio requirements established in D.21-05-031.

The 2025 Report describes the programs that comprise the 2025 energy efficiency portfolio and summarizes PG&E's energy efficiency accomplishments for 2025. PG&E's 2025 Report and Excel workbook are posted to the California Public Utilities Commission's California Efficiency Data and Reporting System (CEDARS) website: https://cedars.cpuc.ca.gov/documents/standalone/list/.

[1] Ruling at p. 4.

[2] D.18-01-004 at pp. 64-65.

Respectfully Submitted,

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Date: May 1, 2026

ATTACHMENT

2025 Energy Efficiency Annual Report

May 1, 2026

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Executive Summary

Pacific Gas and Electric Company (PG&E) has supported customers for more than four decades in reducing energy use and carbon footprint. Today, PG&E's Energy Efficiency (EE) Programs serve customers across the residential, commercial, agricultural, industrial, and public sectors. In 2025, PG&E reinforced its leadership in EE, delivering a dynamic portfolio of programs structured to meet customers' evolving needs.

PG&E's Energy Efficiency priorities include:

- Supporting customers, California's climate goals, and the electric grid and gas system through a diverse portfolio across all customer sectors.
- Meeting customers where they are by personalizing customer journeys, enhancing digital strategies, and removing barriers to participation.
- Advancing building decarbonization through targeted electrification of new and existing buildings and equipment, plus technical support and advocacy for codes and standards.
- Deploying technologies that are grid-responsive and enable load flexibility to support a coordinated energy supply load strategy.
- Contributing to cost-saving resiliency solutions for customers, such as partnering across microgrids, remote grids, and individual customers to provide permanent load reducing solutions.

In 2025, PG&E worked through programs and partnerships to drive energy savings, greenhouse gas (GHG) emissions reductions, and long-term total system benefit (TSB) to the electric grid and gas system. PG&E works to support California's energy goals and serve the diverse needs of more than 16 million customers across a 70,000 square-mile service territory[1]. PG&E's Energy Efficiency Programs are designed to reach customers across all sectors using a variety of channels, from self-service software tools to PG&E's business customer account representatives. To increase our impact, we also partner with state and local governments, community partners, and trade professionals, and offer education and training to building and real estate professionals.

PG&E's 2025 Accomplishments

PG&E continued to generate substantial energy savings by incentivizing customers to upgrade equipment or adopt efficient behaviors, while also advancing building codes and appliance standards. In 2025, PG&E EE portfolio achieved 39% of its four-year (2024-2027) Total System Benefit (TSB) target resulting both in a cost-effective resource acquisition[2] segment, and an overall cost-effective portfolio for the second year in a row. With 2024 and 2025 accomplishments confirmed, PG&E is 75% of the way to its four year goal, and well positioned to meet the overall portfolio goal.

[1] https://www.pgecorp.com/sustainability/corporate-sustainability/corporate_sustainability_report_2025.html, pg. 4.

[2] D.21-05-031 p. 14.

Table 1. PG&E 2025 Accomplishments[3]

Program Segment	TSB	TRC	PAC	Expenditure	GWh	MW	MMTherm
Resource Acquisition	$331,612,422	2.00	2.37	$125,770,841	379.2	69.6	30.7
Market Support	$3,116,276	0.07	0.13	$34,579,834	(2.1)	(1.4)	.02
Equity	$-	-	-	$11,769,106	-	-	-
EM&V	-	-	-	$7,050,473	-	-	-
2025 Portfolio, Excluding C&S	$334,728,698	1.43	1.80	$179,170,253	377.1	68.1	30.8
2024-2025 Cumulative Portfolio, Excluding C&S	$636,474,920				719.0	127.9	64.2
2024-2027 TSB Goal[4]	$849,324,795						
2024-2027 Goal Progress %	75%						
Codes & Standards (C&S)	$1,280,968,421	1.54	31.03	$39,210,564	1,125.6	232.5	24.6
2024-2025 Cumulative C&S	2,602,610,959				2,350.7	482.3	49.7
2024-2027 C&S Goal[5]					3,590.3	666.1	62.6
2024-2027 C&S Goal Progress %					64%	72%	79%
2025 Portfolio Including C&S	$1,615,697,119	1.51	6.89	$218,380,818	1,502.7	300.6	55.4
2024-2025 Portfolio Including C&S	$3,239,085,879	1.52	7.17	$423,618,505	3,069.7	610.2	113.9

PG&E's 2025 milestones include:

- **Provided education and training on electrification for industry professionals.** Electrification topics comprised 64% of our classes, webinars, and on-demand courses. Overall, we offered education and training to over 16,000 participants and delivered over 400 in-person classes and webinars, while also offering over 350 on-demand classes.
- **Enrolled first SEM cohort to Commercial Strategic Energy Management Program.** The first cohort of SEM participants launched in August 2025, comprised of seven large commercial customers from San Francisco and Oakland. Participants completed educational modules and onsite Treasure Hunts to identify energy-saving opportunities.
- **Offered zero-interest energy efficiency financing through an On-Bill Financing (OBF) program**[6] that provides commercial customers and government agencies with loans for energy efficiency upgrades. The program funded 343 loans worth a total of $50.6 million in 2025, with most loans going to small and medium businesses, and public organizations.
- **Supported building electrification by installing 203 heat pump water heaters** in schools and government buildings through the Government and GK-12 Comprehensive Program.

[3] Excludes REN & CCA attributions to PG&E

[4] 2024-2027 Goals were updated in D.25-08-034

[5] Ibid.

[6] https://www.pge.com/en_US/small-medium-business/save-energy-and-money/energy-efficiency-financing.page

- **Launched three electrification pilots** focused on building electrification and integrated load management strategies for customers.
    - **The Residential Electrification Equity Pilot, Empower My Home,** focuses on serving hard-to-reach and underserved customers located in disadvantaged communities by addressing the up-front costs and potential energy bill increases associated with building electrification.
    - **The Zonal Electrification Equity Pilots** target electrification efforts in the residential and commercial sectors on specific identified gas distribution and transmission system "zones" with the intent of decommissioning that section of the gas system or avoiding new future gas capacity projects. The two pilots, *Powerful Neighborhoods* and *Electrify My Block*, require 100% participation and full electrification of all customers residing within each zone.
- **Enhanced cost-effective project aggregator incentives** in the Measured Savings for Summer Reliability Program delivered close to $5 million TSB from over 165 projects.
- **Supported decarbonization through statewide all-electric new construction programs.** Enrolled over 125 and completed over 31 commercial all-electric new construction projects.
- **Expanded Home Energy Reports (HER),** which currently serves about 3.2 million residential customers, to include a Peak Day Alert offering to about 515,000 customers. The alert virtually encourages customers to shift their load on peak days. PG&E is a national utility leader in home energy reports and runs one of the largest programs in the nation.
- **Expanded Business Energy Reports participation** to 111,000 small and medium business customers providing them weekly energy use data and tips to save energy.
- **Enhanced our online PG&E Energy Action Guide**[7] to help residential customers find the best programs, resources, and energy products that suit their needs, like smart thermostats, EV chargers, portable batteries, and added electrification exploration tools. In 2025, the site saw over 996,000 unique visitors and over 4.4 million page views.
- **Supported our local governments that are pursuing local GHG reduction and climate action goals** by providing over 1,250 requested GHG inventories, Climate Action Planning, and benchmarking support. The programs supported over 40 communities adopting or advancing local energy ordinances and provided tools, training, and resources to building departments throughout the state to help communities comply with the building code and realize the energy and GHG emissions reductions potential it offers.

Planning For the Future

PG&E will continue to deliver on its commitment to customers and support California's EE and climate goals through innovative program and pilot strategies and excellence in program administration. In 2021, the Commission issued D.21-05-031, which outlined an ambitious new future for EE in California, including total system benefit goals, portfolio segmentation, and a new portfolio planning cycle. In February 2022, PG&E filed its 2024-2031 business plan application, with approval in June 2023 in D.23-06-055. PG&E filed its 2024-2027 True-Up Budget Advice Letter in October 2023, and its 2026-2027 Mid-Cycle Budget Advice Letter (MCAL) on November 4, 2025, which was approved on March 25, 2026, and effective January 1, 2026. The 2026-2027 MCAL provided a forecast for 2026 and 2027 which demonstrated PG&E's plan to exceed its

[7] https://guide.pge.com/

cumulative four-year TSB goal, and continue operating a cost-effective portfolio[8]. Most recently, PG&E filed its 2028-2035 Business Plan Application (A.26-03-009 et al.) on March 16, 2026.[9]

This report is being filed in compliance with California Public Utilities Commission (CPUC or Commission) guidance on Energy Efficiency Program reporting,[10] which was expanded following approval of the Energy Efficiency Business Plans in Decision D.18-05-041[11] and updated in D.21-05-031[12] and D.23-06-055[13]. This report focuses on program activities and accomplishments in the year 2025 by describing the full set of programs in PG&E's 2025 portfolio.

Annual Report Data

D.21-09-037[14] established net energy savings and demand reduction goals for 2024-2032 for investor-owned utility (IOU) territories, for both incentive and codes and standards programs. Codes and standards goals were later corrected in D.22-05-016[15] to properly account for interactive effects. Achievements discussed in this section comprise total impacts across both incentive and codes and standards programs combined. In 2025, PG&E's Energy Efficiency Programs helped California avoid the emission of nearly 7.9 million lifecycle metric tons of carbon dioxide. Customers saved approximately 1,503 GWh and 55.4 million therms of energy through incentive programs, codes and standards advocacy, on-bill financing, and data-driven interventions that help customers understand and manage their energy usage.

D.09-09-047[16] defined and D.12-11-015[17] clarified the 10 percent utility administrative cost cap, the 6 percent marketing cost cap, the 4 percent EM&V budget allocation[18] and the 20 percent direct implementation non-incentive (DINI) target. Statewide ME&O is excluded from the marketing cap.[19] PG&E reports its progress against these caps and targets in quarterly reports posted in the CPUC's California Energy Data and Reporting System (CEDARS)[20] along with PG&E's monthly expenditure and savings reports. As part of the

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[8] PG&E's 2026-2027 Mid-Cycle Advice Letter, submitted November 4, 2025. GAS_5141-G.pdf, P. 6-13, Table 7, Table 11. GAS_5141-G.pdf

[9] PG&E's 2028-2035 Business Plan Application details its plans to meet all of its goals for its portfolio via four Portfolio Strategies: 1) Maintain a Strong Foundation of Cost-effective TSB Delivery, 2) Prepare the Market for BE to Scale, 3) Enable Load Flexibility, and 4) Advance Customer Affordability.

[10] Pursuant to Attachment C of ALJ Ruling Adopting Annual Reporting Requirements for Energy Efficiency and Addressing Related Reporting Issues, dated August 8, 2007.

[11] https://docs.cpuc.ca.gov/PublishedDocs/Published/G000/M215/K706/215706139.PDF

[12] https://docs.cpuc.ca.gov/PublishedDocs/Published/G000/M385/K864/385864616.PDF

[13] https://docs.cpuc.ca.gov/PublishedDocs/Published/G000/M512/K907/512907396.PDF

[14] D.21-09-037, Ordering Paragraph (OP) 1, and p. 19.

[15] D. 22-05-016, OP 13 and OP50:https://docs.cpuc.ca.gov/PublishedDocs/Published/G000/M479/K826/479826194.PDF

[16] D.09-09-047

[17] D.12-11-015 at pp. 15, 59, 116 and 128.

[18] Affirmed in D.16-08-019, Conclusion of Law 67.

[19] D.13-12-038, p. 82.

[20] See Cap and Target reports at https://cedars.cpuc.ca.gov/documents/standalone/list/

statewide shift to portfolios that are primarily implemented by third-party vendors, D.18-05-041[21] directed IOUs to track the number and proportion of third parties that forego the option of using utility account representatives. IOUs must include this information in their annual reports. As of May 2026, no third-party vendor has foregone the use of PG&E account representatives[22]. PG&E has also included an additional section of this report to highlight the efforts made by PG&E as well as the Regional Energy Networks (RENs) and Community Choice Aggregators (CCAs) to prevent EE program duplication and optimize customer experience and ratepayer resources.

Program Descriptions and Strategies

In 2025, PG&E administered a broad portfolio of EE programs that served an array of market sectors and customer types and supported energy efficiency across numerous technologies. IOUs used a variety of market intervention strategies from upstream rebates – targeted at manufacturers and distributors to buy down the cost of the product for the end-use customer – to midstream and downstream incentives. These programs supported goals to provide customers with a more integrated EE experience, access to information, and greater financing opportunities.

PG&E's service area is approximately 70,000 square miles in Northern and Central California, and the company serves approximately 16 million customers. More than 80 languages are spoken across PG&E's territory, spanning rural to urban communities and, a diverse residential, commercial, agricultural, and industrial base. To meet these customers' needs, PG&E offers programs for broad market segments and leverages local partnerships and third-party programs to serve targeted markets, harder-to-reach segments, and groups with specific needs.

PG&E's solicitations schedule, resources, and updates can be found on PG&E's website at https://www.pge.com/en_US/for-our-business-partners/energy-efficiency-solicitations/energy-efficiency-solicitations.page.

The following sections describe PG&E's successful strategies and accomplishments for the following program sectors in 2025:

- Statewide Programs
- Residential Sector
- Commercial Sector
- Public Sector
- Industrial Sector
- Agricultural Sector
- Financing Sector
- Codes and Standards
- Workforce Education and Training
- REN and CCA Coordination

[21] D. 18-05-041, Ordering Paragraph (OP) 17.

[22] 215706139.PDF, Conclusion of Law 43.

Statewide Programs

Starting in 2016, the Commission directed the California investor-owned utilities to begin transitioning California toward greater statewide program administration and third-party involvement in the proposal, design, implementation, and delivery of energy efficiency programs[23]. PG&E is required to allocate at least 20 percent[24] of their proposed Business Plan budgets to statewide programs[25] and at least 60 percent to third-party programs by the end of 2022[26].

Table 2 below shows the Commission established statewide programs and the associated lead IOU[27] in 2018, updated to reflect the new Lead PA for PLA and HVAC.

Table 2. Lead Program Administrator for Statewide Programs

Program Category	Lead IOU
Plug Load and Appliance (PLA)	SCE[28]
HVAC (Upstream Residential, Upstream Commercial)	PG&E[29]
Codes & Standards (Building Codes Advocacy)	PG&E
Codes & Standards (National Advocacy)	PG&E
Codes & Standards (Appliance Standards Advocacy)	PG&E
New Construction All-Electric (Residential)	PG&E
New Construction All-Electric (Non-Residential)	PG&E
New Construction Mixed Fuel (Non-Residential)	PG&E

[23] D.16-08-019, Decision providing guidance for Initial Energy Efficiency Rolling Portfolio Business Plan Filings.

[24] D.16-08-019 OP 6 original ordered 25% of portfolio budgets to be statewide. D.23-06-055 COL 4 changed it from 25% to 20% for PG&E, SCE and SDG&E and from 15% to 10% for SCG.

[25] D.18-01-004, OP 1.

[26] D.18-01-004, COL 4.

[27] D.18-05-041, p. 185-186, OP 18.

[28] Southern California Edison sent a Service List announcement on January 23, 2026 indicating program closure notice, and filed SCE Advice Letter 5765-E on March 10, 2026.

[29] SDG&E filed Advice Letter 4494-E/3332-G on August 19, 2024 to propose transition of two of its Statewide programs to other Program Administrator leads. The Commission approved the proposal to transition the Plug Load and Appliance Program to Southern California Edison, and the HVAC program to PG&E.

Emerging Technologies (Gas)	SoCalGas
Emerging Technologies (Electric)	SCE
Institutional Partnerships (State of California, California Department of Corrections)	PG&E

Workforce Education & Training (WE&T) (Career Connections)	PG&E
Institutional Partnerships (University of California, California State University), called "Higher Education"	SCE
Foodservice Point of Sale (POS)	SoCalGas
Midstream Commercial Water Heating	SoCalGas

HVAC Quality Installation/Quality Maintenance (QI/QM)	SDG&E
Water/Wastewater Pumping Program	SCE
Workforce Education & Training (WE&T) (Career and Workforce Readiness)	PG&E

The Commission also outlined the roles and responsibilities for statewide program leads[30], noting that they would each have sole responsibility for the following:

- Program vision development, design/delivery, and intervention strategies
- Procurement, contract administration, and co-funding management from partner program administrators
- Implementer oversight
- Implementer management, rewards, and any necessary corrective action
- Review of implementer performance and program performance on a quarterly basis
- Meeting savings goals and customer satisfaction levels
- Metrics development
- Reporting

The IOUs intended to outsource the proposal, design, implementation, and delivery of statewide programs to third parties as part of their third-party solicitations, associated with the implementation of 2018 – 2025 EE Business Plans. Therefore, the budgets for statewide programs will count towards both the 20[31] percent statewide and 60 percent third-party outsourcing requirements. Statewide programs are designed and

[30] D.18-05-041, pp. 185-186, OP 18.

[31] D.23-06-055 updated the minimum statewide funding contribution for PG&E from 25% to 20%.

delivered by one or more statewide implementers, under contract to the Lead IOU[32]. Program administrators collaborate to keep each other informed on statewide program progress, enabling coordination on program delivery and timely updates on statewide program budgets. Statewide coordination is intended to keep all program administrators informed of each individual IOU's required allocations toward statewide programs for use in portfolio planning, as well as regulatory budget filings.

This statewide coordination aligns with Commission guidance, which confirms that "statewide activities are clearly in support of state policy and actively supervised by, and a priority for the Commission[33]" and helps to avoid a conflict with the scope of a statewide program as described in D.18-05-041[34]. Additional compliance reporting on statewide program administration is detailed in Section 11 of this report.

Statewide Programs Update

In 2024, SDG&E filed Advice Letter 4494-E/3332-G[35] to propose transition of two of its Statewide programs to other Program Administrator leads. The Commission approved the proposal to transition the Plug Load and Appliance Program to Southern California Edison, and the HVAC program to PG&E in November 2024. In 2025, PG&E was actively soliciting its new statewide HVAC program and intends to launch in 2026.

Statewide Energy Efficiency Programs

Below, PG&E provides a status update on the PG&E-led third-party[36] statewide programs listed in Table 1[37]. A summary narrative has been provided for PG&E-led statewide programs that have either already launched or have reached the stage of seeking Commission approval of contracts through the Advice Letter process and receive credit for the proportional benefits from statewide programs through the CPUC's California Energy Data Reporting System (CEDARS). Please refer to the lead program administrators' respective 2025 Annual Reports for information on statewide programs not led by PG&E. Descriptions of nine PG&E-led statewide programs follow[38],[39].

[32] D.16-08-019, p. 109, OP 5.

[33] D.18-05-041, p. 81

[34] D.18-05-041, p, 173, COL 17 which states, "All PAs should have the ability to continue local pilot activities that would otherwise qualify for statewide administration but that are not yet ready for such statewide treatment, provided that such local pilots or programs do not compete with, or otherwise impede the progress or activities of, operational statewide programs."

[35] http://www.sdge.com/rates-regulations/tariff-information/advice-letters

[36] These programs were launched following the Commission-approved solicitations process and meet the third-party program definition as described in Decision 18-01-004.

[37] Solicitations status is based on the Joint IOU Energy Efficiency Solicitation Schedule, available at https://www.caeecc.org/third-party-solicitation-process

[38] Although the California Energy Design Assistance All-Electric and Mixed Fuel programs have 5 program IDs in CEDARS for appropriate sector accounting, PG&E is treating each as a single program here.

[39] As stated in the "Program Updates" section, PG&E-led statewide HVAC program is still in solicitations, and not included in this chapter.

State Building Codes Advocacy Program: Title 24, Part 6 & Part 11 (PGE_SW_CSA_Bldg)

Statewide Program Lead: PG&E
Implementers: 2050 Partners, Energy Solutions, Frontier Energy, TRC

The Statewide Building Codes Advocacy Program supports the California Energy Commission's (CEC or Energy Commission) triennial update to the Energy Code (Title 24, Part 6) to include new EE regulations or to strengthen existing regulations for various technologies or measures. Advocacy activities include the development of Codes and Standards Enhancement (CASE) proposals, research to provide the data needed to advance EE regulations, and participation in public rulemaking processes. The Program also supports the Energy Commission in preparing recommendations to the Building Standards Commission to update the California Green Buildings Standards (Title 24, Part 11 or CALGreen). The voluntary energy measures in CALGreen provide foundational elements for local Reach Codes[40]. Descriptions of Energy Code proposals, timeline, and other supporting documentation are available at https://title24stakeholders.com.

For more information about this program, please visit the Codes, Standards section of this Annual Report.

National Codes and Standards Advocacy Program (PGE_SW_CSA_Natl)

Statewide Program Lead: PG&E
Implementers: 2050 Partners, Energy Solutions, McHugh Energy Consultants

PG&E advocates for national building codes and appliance standards that support California by encouraging broader market adoption of transformative technologies and construction processes. Alignment between national and state codes also helps reduce barriers to compliance by harmonizing the requirements across state borders. Organizations that work across multiple states, including California, can establish business practices that would result in less customization for the California market. Advocacy during U.S. Department of Energy (DOE) proceedings supports large cost-effective savings in California through more stringent federal appliance standards. Participation in Environmental Protection Agency (EPA), Federal Trade Commission, American Society of Heating Refrigeration and Air-Conditioning Engineers (ASHRAE), and International Energy Conservation Code (IECC) code and standard update proceedings in support of increasing requirements is important to minimize gaps, when regionally appropriate, between the California's EE regulations and the EE regulations that other states adopt.

For more information about this program, please visit the Codes & Standards section of this Annual Report.

State Appliance Standards Advocacy Program (PGE_SW_CSA_Appl)

Statewide Program Lead: PG&E
Implementers: 2050 Partners, Energy Solutions

The Statewide Appliance Standards Advocacy (ASA) Program targets improvements to Title 20[41] by the California Energy Commission. Advocacy activities include developing Title 20 code enhancement proposals and participating in the California Energy Commission public rulemaking process. Additionally, the Program monitors state and federal legislation and intervenes as appropriate.

[40] Reach Codes are local building energy codes adopted by cities and counties in California that go beyond the state's minimum requirements for energy use in building design and construction.

[41] California Title 20 addresses efficiency standards of appliances.

For more information on this program, please visit the Codes & Standards section of this Annual Report.

California Energy-Smart Homes All-Electric Residential Program (PGE_SW_NC_Res_electric)

Statewide Program Lead: PG&E
Implementer: TRC

The California Energy-Smart Homes All-Electric Residential Program (CESH) supports a high-level approach to achieving California's advanced energy efficiency policy goals by engaging builders and developers to recruit projects and influence them to build all-electric. The Program is available to customers in the PG&E, SCE, and SDG&E territories. The all-electric Program offering serves four residential sub-sectors: single-family and duplexes, multi-family low-rise (three or fewer stories), accessory dwelling units (ADU), and addition/alteration (A&A, additions greater than 700 square feet). The Program influences the decision and eases the transition to adopt all-electric new construction practices by educating potential participants and stakeholders on the features of all-electric homes, enrolling projects, emphasizing the installation of advanced EE measures, and facilitating future opportunities through non-incentivized, prerequisite measures that position homes to install high-impact demand response technologies more easily in the future.

California Energy Design Assistance All-Electric (CEDAE) Program (PGE_SW_NC_NonRes_Com_electric)[42]

Statewide Program Lead: PG&E
Implementer: Willdan Energy Solutions

The CEDAE Program serves commercial, public, high-rise multi-family residential, industrial, and agricultural new construction sectors, and major alterations in facilities across the PG&E, SCE, and SDG&E territories. This Program contributes to the IOUs' efforts to achieve their share of California's ambitious EE, greenhouse gas emission reduction, and meet electrification goals by offering EE options tailored to each building during the design and construction process. CEDAE also offers technical assistance early in the process, when it has the greatest influence on design and operation, driving energy savings beyond code and gathering data to further advance future codes. The CEDAE Program both directly supports projects and influences the non-residential new construction market to achieve deeper energy savings and decarbonization goals through key activities such as customer incentives, outreach and education, real-time energy modeling, verification, and Integrated Demand Side Management (IDSM) Support and data tracking to inform future codes and standards.

California Energy Design Assistance Mixed Fuel (CEDAM) Program (PGE_SW_NC_NonRes_Com_mixed)[43]

Statewide Program Lead: PG&E
Implementer: Willdan Energy Solutions

The CEDAM Program serves commercial, public, high-rise multi-family, industrial, agricultural, new construction sectors, and major alterations in facilities across the PG&E, SCE, SoCalGas, and SDG&E

[42] The Statewide Nonresidential New Construction All Electric program consists of five Program IDs, one for each sector supported: PGE_SW_NC_NonRes_Com_electric (commercial), PGE_SW_NC_NonRes_Ag_electric (agricultural), PGE_SW_NC_NonRes_Ind_electric (industrial), PGE_SW_NC_NonRes_Pub_electric (public), PGE_SW_NC_NonRes_Res_electric (high-rise multifamily residential).

[43] The Statewide Nonresidential New Construction Mixed fuel program consists of five Program IDs, one for each sector supported: PGE_SW_NC_NonRes_Com_mixed (commercial), PGE_SW_NC_NonRes_Ag_mixed

territories. CEDAM contributes to the IOUs' efforts to achieve their share of California's ambitious EE, greenhouse gas reduction, and electrification goals by offering technical assistance early in the process, when it has the greatest influence on design and operation, driving energy savings beyond code and gathering data to further advance future codes. The CEDAM Program will enroll and influence the non-residential new construction market to achieve deeper energy savings and decarbonization through activities such as customer incentives, outreach and education, energy modeling, verification, IDSM Support and data tracking to inform future codes and standards.

State of California Energy Strategy and Support Program (PGE_SW_IP_Gov)

Statewide Program Lead: PG&E
Implementer: Alternative Energy Systems Consulting, Inc (AESC)

The State of California Energy Strategy and Support Program (SOC ESS) opened to customers in September 2021. SOC ESS helps California State Agencies (excluding higher education, which will be served by a Statewide program led by SCE) reach their greenhouse gas (GHG) emission reductions goals while reducing energy use through EE and Integrated Demand-side Management (IDSM) project planning, technical support, and financial assistance. The Program builds on the State's successful existing approaches while adding new channels to address key barriers for California state agencies. SOC ESS is designed to overcome structural and operational barriers related to staffing and capacity, capital, and financing, as well as safety and security to support successful realization of energy savings in state buildings. Electrification project development will also be a focus to help the state agencies meet their electrification goals.

The Program offers two pathways with varying levels of support. Pathway 1 provides agencies that are committed to a minimum level of energy savings and program engagement with high-touch, customized, and strategic portfolio-wide and engineering support plus staff augmentation. Pathway 2 provides support on individual projects as identified and pursued. Additionally, the Program continues to provide all agencies with the services they relied on through the prior statewide partnership programs, including financial, policy, technical, project, and program application support.

For more information about this program, please visit the Public section of this Annual Report.

Career Connections: Energy is Everything (PGE_SW_WET_CC)

Statewide Program Lead: PG&E
Implementer: The Energy Coalition (TEC)

The Statewide Career Connections third-party "Energy is Everything" (EisE) Program helps to build the next generation of energy workers. EisE provides Kindergarten through 12th grade students the knowledge, skills, and abilities they need for college and career opportunities in the energy industry and motivates students to adopt pro-environmental behaviors. EisE incorporates career concepts for all learners, since early exposure to career options increases the chances of students pursuing and securing high-demand energy and STEM careers. Education providers targeted will primarily focus on those classified as "disadvantaged."

For more information about this program, please visit the Workforce, Education, and Training section of this Annual Report.

(agricultural), PGE_SW_NC_NonRes_Ind_mixed (industrial), PGE_SW_NC_NonRes_Pub_mixed (public), PGE_SW_NC_NonRes_Res_mixed (high-rise multifamily residential).

Career and Workforce Readiness: Energize Careers (PGE_SW_WET_Work)

Statewide Program Lead: PG&E
Implementer: Strategic Energy Innovations (SEI)

Energize Careers aims to create a diverse and representative energy workforce through the economic empowerment of people who experience personal or systemic barriers to entering and remaining in the energy workforce. Energize Careers assists program participants in accessing technical training and energy career opportunities. Energize Careers provides holistic services to support disadvantaged workers through technical training, job placement, and wrap-around service support. Energize Careers collaborates with pre-apprenticeship programs, apprenticeship programs, community-based training organizations, and community colleges to provide technical energy job training to disadvantaged workers. Energize Careers also collaborates with wrap-around service providers and industry partners to provide participants with services and support to access career pathways where they can leverage their energy efficiency knowledge and skills.

This program ramped down in 2025 and will end in 2026. In 2025, PG&E issued a new solicitation for Career and Workforce Readiness. The new program is scheduled to launch in 2026.

For more information about this program, please visit the Workforce, Education, and Training section of this Annual Report.

Residential Sector

PG&E's vision for the residential sector is to help customers reduce energy use in their homes, reduce energy demand on the grid, build resiliency, and advance building decarbonization in California, through a variety of programs that break down the barriers to adoption.

PG&E's residential programs offer an array of services, tools and incentives that guide customers to their energy- and money-saving goals, while meeting portfolio targets and objectives.

In 2025, residential programs engaged customers and other market actors through the following channels:

- Behavioral and home energy management tips, tools, and initiatives
- Education and tools to help customers make informed decisions on energy efficient products and appliances and how to leverage them to save energy
- Improvements to the built environment, such as home upgrades, heating, ventilation, air conditioning (HVAC), water heating, and new construction
- Direct install equity electrification pilots that generate significant learnings about how to successfully electrify homes and businesses, especially for customers in disadvantaged communities, while producing insights about how such efforts can be scaled more broadly.[44]

Key Initiatives and Notable Changes

Continuous Energy Feedback Program: Behavior Based Programs Enhancements

In 2025, PG&E's Continuous Energy Feedback Program (CEFP) expanded the reach and impact of its behavior-based energy efficiency platform, anchored by the Home Energy Report (HER). The program added 185,000 new HER customers, increasing total participation to 3.2 million customers. The CEFP also broadened its fuel and channel coverage by introducing gas insights within Weekly Home Energy Reports—now serving gas insights to 1.0 million gas and dual-fuel customers—and extending Business Energy Reports (BER) to serve gas insights to 36,000 gas and dual-fuel SMB customers; bringing the total of SMB customers receiving BER to approximately 111,000. In parallel, the program accelerated digital engagement through significant growth in SMS delivery for Bill Forecast Alerts, enrolling more than 1 million new customers in text notifications.

Energy Action Guide (EAG) Enhancements

In 2025, two new features were added to the Energy Action Guide: the Switch to Electric tool and Semantic Search functionality. The Switch to Electric tool is an interactive tool that allows users to explore electrification opportunities in a virtual home. This tool helps customers visualize the impact of different upgrades on their bills, related GHG emissions, and provides information on upfront product costs. The Semantic Search functionality enhances the user experience by allowing a customer to enter a natural language question into the search bar and make results more relevant, accessible, and useful.

[44] Empower My Home GAS_4954-G AL filed & approved 9/2024; Powerful Neighborhoods GAS_4941-G AL filed & approved 8/2024; Electrify My Block GAS_4963-G AL filed & approved 9/2024.

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

The purpose of the Awareness, Knowledge, Attitude and Behavioral (AKAB) surveys is to collect information on the 17 AKAB indicators, adopted in D.23-06-055[45], to help inform baselines and progress by the PAs as well as setting of targets and goals for the market support segment. The residential AKAB survey launched at the end of 2025 focuses on Energy Efficiency (EE) products and services and capital access opportunity for investments in EE products and/or services. This statewide survey was administered to multiple distinct residential customers, including single family residential customers, multifamily occupants, and multifamily property owners/managers. Results, in table format, from the single family and multifamily occupants' surveys will be available in Mid-2026 on CEDARS followed by a report.

Electrification Pilot Offerings

In mid-2025, PG&E launched three equity segment electrification pilot programs; EmPower My Home, Powerful Neighborhoods, and Electrify My Block.[46] Within their first months in market, these electrification pilots demonstrated the importance of deep community engagement for successful program adoption within disadvantaged communities and confirmed the need for program flexibility to support a variety of customer and site level requirements. The programs have uncovered that the majority of participating customers have chosen to pursue whole building electrification, even when partial home or appliance only electrification was available. The pilots started to hone in on effective customer engagement tactics that are expected to contribute to a ramp up in participation and installations in 2026.

Looking Ahead

As outlined in PG&E's Portfolio Plan for 2024-2027, PG&E will continue to look for opportunities to expand integrated demand-side management (IDSM) and electrification support for its residential customers.

[45] D.23-06-055, pp. 63-65.

[46] Ibid.

Residential Third-Party Program Summary[47]

PG&E's Residential Third-Party Programs are an integral component of its overall residential sector strategy to help provide many customers with energy-efficient solutions and services.

Residential Pay for Performance (P4P) Program, HomeIntel (PGE_Res_001b)

Implementers: Home Energy Analytics

HomeIntel is PG&E's residential Pay for Performance (P4P) Program. Offered by Home Energy Analytics, HomeIntel provides an in-depth analysis of a home's energy use and provides customers with customized energy savings recommendations, monthly energy efficiency progress reports and energy coaches to help customers reduce their energy usage. It employs metered energy consumption data to help customers target energy savings and drive grid benefits. HomeIntel aims to achieve PG&E's goals of establishing savings persistence and on-going relationships between PG&E, the third-party program implementer, and our customers. In 2025, HomeIntel increased its customer reach to over 15,500 customers, increasing the program's total customer enrollment by 15% from the previous year.

Home Energy Checkup (PGE_Res_002a)

Implementer: Oracle

The Home Energy Checkup (HEC) Program is a self-guided online assessment that helps customers understand where they use energy in their homes. It also provides energy-saving tips and suggestions based on the customer's specific responses and generates a simple checklist plan. The plan is saved on the customer's *PG&E My Account* [48] website to track progress as items are completed. In 2025, approximately 135,890 customers completed a Home Energy Checkup (HEC).

Continuous Energy Feedback Program (PGE_Res_002d)

Implementer: Oracle

The Continuous Energy Feedback Program (CEFP) leverages proven behavioral science strategies and customer engagement to drive measurable, non-rebated energy-saving actions across residential and small business segments. Savings are validated through randomized controlled trials, enabling rigorous attribution and performance confidence. By delivering personalized insights, timely nudges, and actionable recommendations, CEFP helps customers better understand their usage, reduce consumption, manage bill volatility, and make more informed energy-related decisions.

The CEFP includes the following program elements and offerings:

- **Home Energy Reports** *(3.2 million customers, sent up to 12 times per year via hard copy and/or email).* HERs give customers actionable insights about their energy use to motivate them to lower their electricity and/or gas usage. This Program added 185,000 new customers in 2025.

[47] These programs were launched following the Commission-approved solicitations process and meet the third-party program definition as described in Decision 18-01-004.

[48] https://m.pge.com/

- **Solar Home Energy Reports** *(540,000 customers, sent up to 12 times per year).* Solar HERs serve customers with installed solar and aims to motivate them to reduce their energy use and form energy saving habits. This program grew by ~ 98,000 customers in 2025.
- **Bill Forecast Alerts** *(2.1 million customers, sent upon reaching personalized alert thresholds).* These alerts, primarily sent through email, but available through text messages and phone calls as well, notify customers of upcoming potential high bills and give them the opportunity to take action to save energy and money. Alerts are sent based on set bill thresholds, forecasted usage, and projected costs.
- **Time-of-Use (TOU) Rate Coach** *(247,000 customers, sent weekly).* These emails deliver insights to TOU rate customers to educate them about their peak energy usage and encourage them to shift their use to off-peak hours to help reduce their peak spending and lower their monthly energy bills
- **Weekly Home Energy Reports** *(1.29 million customers, sent weekly).* These emails deliver personalized information to customers about their energy use, including energy history information, tips, and marketing modules. Weekly HERs give customers actionable insights about their energy use and aim to motivate them to lower their electricity and gas usage.

- **Electric Vehicle HER** *(75,000 customers sent monthly).* This report highlights customers' EV charging energy use by leveraging new disaggregation insights while incorporating electric vehicle ownership tips.
- **Time-of-Use HER** *(~ 714,000 customers, sent semi-annually).* An additional communication experience sent to customers to help them prepare for the upcoming summer and winter seasons.
- **Peak Day Alerts** (*~ 515,000 customers, sent only on days when demand for electricity is forecast to be greater than supply*). A program running from June to September with the goal of reducing peak usage on the hottest days of the summer. During these events a digital communication designed with a behavioral science approach encourages select HER customers to reduce their energy consumption. Four events were called in 2025.

Energy Action Guide (PGE_Res_002e)
Implementers: Bellawatt

PG&E's online Energy Action Guide tool is a solution that guides PG&E customers with relevant, timely, and contextual personalization to help them make the best energy-related decision—all while supporting PG&E's carbon reduction strategies. The tool raises awareness of, and increases engagement with, energy management technology (EMT), provides incentive information for adopting EMTs, educates residential and small-medium business (SMB) customers about EMT programs, including income qualified customer programs.

In 2025, the site had over 996,000 unique visitors and over 4.4 million page views which suggests that the Energy Action Guide is providing relevant information to a large number of PG&E customers.

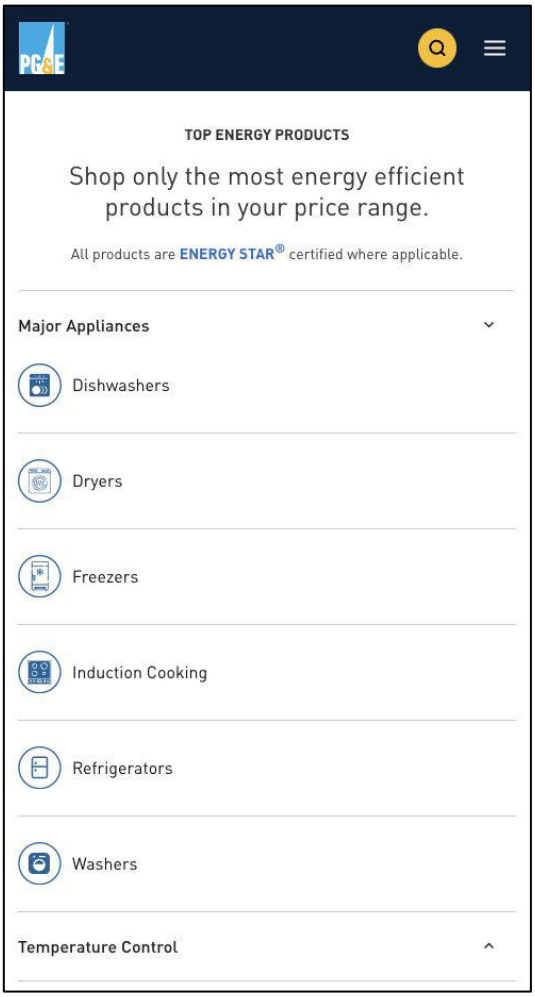


Figure 1. Example of Energy Action Guide's improved mobile experience

Powerful Neighborhoods (PGE_Res_004a)
Implementer: Resource Innovations

The Powerful Neighborhoods pilot, is one of two Zonal Equity Electrification Pilots (ZEEP) that launched in 2025, designed to switch customers from natural gas to electric appliances within targeted disadvantaged and low-income communities within PG&E's gas distribution system ('zones'), thus avoiding costs associated with maintaining gas assets in those zones. The pilot seeks to achieve 100% participation and full electrification of all customers residing within each zone. Powerful Neighborhoods is currently serving customers within qualified zones in San Jose and planning to expand into Oakland, San Francisco, Bakersfield and Fresno in the future.

In 2025, the focus of the pilot was around creating awareness of the electrification offering, becoming involved in the communities, and identifying best practices that would allow Powerful Neighborhoods to effectively and efficiently electrify zones at scale. Also, the program began to test and develop several unique customer conversion and incentive strategies. For example, the program is testing whether electrifying one home in a zone will influence others in the zone to participate as well as testing different levels of customer incentives made available once an entire zone has committed to participate.

Electrify My Block (PGE_Res_004b)
Implementer: QuEST

Electrify My Block (EMB) is the second Zonal Equity Electrification Pilot (ZEEP) that launched in 2025, similarly designed to switch customers from natural gas to electric appliances within targeted disadvantaged and low-income communities in PG&E's gas distribution system ('zones'). EMB seeks to achieve 100% participation and electrification of all customers within each zone, thus avoiding costs associated with maintaining the gas assets in those zones. EMB will be focused on electrifying zones within disadvantaged and low-income communities in Contra Costa County (East Bay of San Francisco Bay Area).

In 2025, the focus was on creating awareness of the offering, becoming involved in the communities, and identifying best practices that would allow EMB to effectively and efficiently electrify zones at scale. Also, the program began to test and develop several unique customer conversion and incentive strategies. For example, the program is testing whether electrifying one home in a zone will influence others in the zone to participate as well as testing different levels of customer incentives made available once an entire zone has committed to participate.

Empower My Home (PGE_Res_005)

Implementer: Resource Innovations

The EmPower My Home pilot launched in 2025, with a goal of providing energy-efficient upgrades and electrification solutions to hard-to-reach customers and those living in disadvantaged communities, while supporting California's greenhouse gas emissions goals and enabling vulnerable customers to access transformative electrification options.

In 2025, EmPower My Home focused community-based outreach efforts in the Bay Area with successful engagements in Oakland and San Francisco. In the Bayview Hunters Point neighborhood of San Francisco, Empower My Home partnered in supporting Empower the Bay, a community-driven electrification pilot designed to reduce affordability, complexity, and trust barriers by aligning multiple transportation and building electrification programs into a single, customer-centered experience for a disadvantaged community. Stakeholders include PG&E Building Electrification, PG&E Clean Energy Transportation, PG&E Energy Savings Assistance, San Francisco Department of the Environment, community-based organizations, BAYREN EASE, local electricians' unions and local workforce. The pilot emphasizes streamlined enrollment, coordinated case management, and trusted local partnerships to make electrification easier to access and recommend within the neighborhood. Early implementation shows that an expanded, multi-stakeholder model can quickly translate into approved project plans while improving customer clarity and participation. The approach is intentionally bottom-up, leveraging community champions and municipal support to address home conditions and remediation that typically hinder electrification progress.

In 2026, the Empower My Home pilot will expand and replicate the community-driven approach demonstrated in the Bayview Hunters Point mini-pilot to other markets within PG&E's territory.

Residential Customer Energy Orchestration[49] (ResCEO) (PGE_Res_006)

Implementer: TRC

Residential Customer Energy Orchestration (ResCEO), launched in 2025, is a pilot program focused on identifying and demonstrating successful energy efficiency and load management strategies in residential single-family premises. The Pilot's objective is to demonstrate the effectiveness of current residential single-family customer load orchestration approaches using energy efficiency measures and distributed energy resource interventions. The Pilot will evaluate if existing technology can respond to future grid signals such

[49] On February 7, 2025, Pacific Gas and Electric Company submitted Advice Letter 5031-G/7503-E; Pacific Gas and Electric Company's Third-Party Solicitations resulting from its Residential Customer Energy Orchestration Program Request for Proposal - Contract executed between TRC Companies and PG&E. The Advice Letter received CPUC disposition on March 10, 2025. GAS_5031-G.pdf

as a dynamic operating envelope which is a maximum allowable load curve specific to a house. This will generate data and insights that will help PG&E understand if residential assets can reliably follow load relief instructions with precision in order to provide grid relief when necessary.

WatterSaver Phase 2 (PGE_Res_007)

Implementer: Association for Energy Affordability (AEA)

WatterSaver participants have their electric water heater load shifted outside of peak period via Wi-Fi or cellular signals to increase grid reliability. By doing so, participants on TOU rates save on their bills by taking advantage of lower electricity rates, heating water at less expensive off-peak times of the day, and support increased renewable energy generation like solar and wind power. Participants receive a $50 gift card for enrolling plus an additional $5 gift card for each month of active participation.

In 2025, PG&E filed PG&E Advice Letter 7679-E[50] to transition the WatterSaver pilot program[51] to Phase 2, in hopes of increasing the number of participating HPWH manufacturers and demonstrating scalability and the potential for a cost-effective program. The AL was approved on December 24, 2025, which enables continuation for 2026-2027 with EE funding.

[50] PG&E Advice Letter 7679-E (WatterSaver) filed on August 18, 2025 and CPUC's Disposition Letter, approved effective December 23, 2025. ELEC_7679-E.pdf

[51] Phase 1 of WatterSaver was funded through 2025 was authorized under Assembly Bill 2868 of 2016, https://leginfo.legislature.ca.gov/faces/billTextClient.xhtml?bill_id=201520160AB2868

Commercial Sector

PG&E's commercial EE programs offer non-residential customers a suite of approaches, products, and services to help overcome the market barriers to optimizing energy management. These programs offer comprehensive energy management solutions, which may include EE, as well as IDSM, through strategic energy planning support, technical support services such as facility audits and calculation or design assistance, and financial support through rebates, incentives, and financing.

In 2025, PG&E's commercial EE programs continued to increase meter-based program offerings and expand financing options. PG&Es On Bill Financing (OBF) offers to help customers address the cost barriers which drive project decisions. For more details on PG&E's OBF program, see the Financing Programs chapter of this report.

PG&E's Healthcare Energy Fitness Initiative (HEFI) program served over 30 hospitals and healthcare-servicing facilities ranging from large private sector healthcare providers down to small, local assisted care living facilities. PG&E's Advanced Energy Program (AEP), which serves primarily high tech, bio-tech and laboratory customers, supported an HVAC retrofit of a major data center that resulted in over $1.5 million in Total System Benefit and a customer return on investment payback period of less than 2 months.

Key Initiatives

PG&E focused on strategies in 2025 that will position its programs to align with PG&E's Climate Goals for 2030[52] and reducing PG&E and our customers carbon footprint.

Key initiatives to achieve these goals included:

- Reducing overall program dependence on incentives and rebates and increasing focus on financing offerings, except where strategically effective, such as deemed rebates for heat pump hot water heaters to promote electrification.
- Continuing to evolve programs to pursue deeper savings: promoting more comprehensive and controls-based project strategies, encouraging conservation at times when it will yield greater grid benefits, increasingly emphasizing behavioral, retro-commissioning and operational interventions.
- Building longer-term EE relationships between customers and project developers, resulting in a deeper understanding of a customer's EE goals and challenges, as well as increasing the likelihood of additional customer projects.
- Increasing funding for commercial programs provided smaller commercial customers with opportunities to reduce electric usage at their business. For the smallest of customers, an equity

[52] https://www.pgecorp.com/sustainability/corporate-sustainability/corporate_sustainability_report_2025.html

program was launched which provides customer education, direct install upgrades, and equipment retrofits with the goal of reducing customer bills.

Looking Ahead

PG&E aims to better support SMB customers who are too large for the Micro and Small Business Program discussed in the Commercial section of this report, but not large enough to participate easily in the third-party programs. To address this gap, PG&E plans to develop new deemed measures and measure packages to assist third-party implementers and include in their program offerings, as well as boost SMB participation in its OBF platform. Current efforts include creating packages for lifecycle refrigerant management, efficient sliding glass doors, and door weatherproofing. This approach is expected to reduce participation barriers, drive energy savings, and foster innovation while increasing SMB involvement in energy efficiency programs.

Commercial Program Summary

Commercial Calculated Incentives Program (PGE21011)

The Commercial Calculated Incentives Program is a PG&E core program, offering financial incentives for non-residential customers to install new equipment or systems which meet or exceed applicable code and/or industry standards in existing buildings when projects don't have a good fit with a third-party program. The final three projects for this program are currently in the installation and post-install review phase with an expected completion by end of 2026, however, this program remains open to future projects as Programs within PG&Es portfolio transition.

Commercial Deemed Incentives Program (PGE21012)

The Commercial Deemed Incentives Program is a core deemed program implemented by PG&E. The program offers measures that reach across technology segments, including HVAC, refrigeration, and water heating, where there is no overlap with statewide programs. This program will remain available for projects that are not eligible for the Third-Party programs listed below. While PG&E is no longer creating new measures specifically for its core deemed programs, any new measures that can be easily implemented without a Third-Party Implementer may be added to the core program. Customers can log onto the PG&E website[53] to apply for rebate options being offered.

Commercial Energy Advisor Program (PGE21014)

The Commercial Energy Advisor Program provides customer education and encourages participation in EE, DR, self-generation programs and promotes awareness of GHG and water conservation activities. The program provides energy savings opportunities and continuous improvement over time by supporting online self-service tools, such as Business Energy Checkup.[54] Through Business Energy Checkup, customers receive rate analysis, check their bills, and receive tips and tricks for saving energy. Aligning integrated improvement opportunities with customers' needs, the Energy Advisor Program also increases program participation and adoption rates by helping customers to better understand EE benefits.

[53] www.pge.com/rebates

[54] Business Energy Checkup is located within the pge.com/myaccount website for customers to perform a Facility Audit, read about recommendations on energy use, and explore rate options.

Commercial Third-Party[55] Program Summary

Commercial third-party programs offer a turnkey approach that continues to deliver savings, serve customer needs, and remains innovative by adapting to changing market needs. In 2025, third-party programs focused on supporting customers through audits, project design and development, installation planning, coordination with installing contractors, and incentive and financing assistance. This comprehensive approach looks at entire buildings or systems rather than a single component. Third-Party programs also gained substantial momentum in building electrification through heat pump and on-demand water heater solutions. Each of the third-party programs described below focuses on the opportunity to build on previous customer upgrade efforts, obtaining momentum from savings realized at the meter. On-bill and third-party financing also play a larger role in customer choice to move EE planning to actual projects.

CoolSave Grocery Comprehensive Retrofit & Commissioning (PGE_Com_001)

Implementer: kW Engineering

CoolSave Grocery Comprehensive Retrofit & Commissioning (GCx) targeted the energy-intensive supermarket sector. The Program supported the sector by improving scheduling and controls for commercial refrigeration, HVAC, lighting, cooking, and packaging systems. It combined low- or no-cost retrocommissioning (RCx) recommendations with projects with capital investment equipment projects. CoolSave Grocer Programs' last project installation was in 2024, and the final 12-month NMEC performance period ended in 2025. This program is now closed, as planned in contract terms. New grocer opportunities will be transferred to the Measured Savings for Summer Reliability Program and other Commercial programs described in this section.

Smart Labs (PGE_Com_002)

Implementer: kW Engineering

The Smart Labs Program offered lab owners expert technical assessments and the development of a performance management plan, including extensive hazard reports which establishes the foundation for adjustments to ventilation, fume hoods, and controls, as well as performance-based incentives to drive product completion. This has been a meter-based and pay-for-performance program which uses the NMEC approach to calculate savings. The program encountered customer reluctance to undertake broader ventilation focused projects which might interfere with ongoing laboratory trials. In 2024, SmartLabs Program stopped accepting new projects. While the program did complete several large projects over its life-span, it was not able to achieve energy saving goals or cost effectiveness requirements. The program is expected to close at the end of 2026, as planned in contract terms. Future projects in this sector will be directed to the Advanced Energy Program, described in this chapter, to expand the submission channel options for laboratory customers.

NetOne (PGE_Com_003)

Implementer: Ecology Action

The NetOne program is a downstream program that provides incentives to commercial customers to install refrigeration, HVAC, heat pump water heaters, and lighting using the deemed, custom, and NMEC platforms.

[55] These programs were launched following the Commission-approved solicitations process and meet the third-party program definition as described in Decision 18-01-004.

NetOne provides comprehensive consultations, technical expertise, project management, incentive and rebate processing, and On-Bill Financing management to the commercial sector, including but not limited to, grocery, large retail, large office, warehousing (including refrigerated warehousing), and restaurants. The program shifted to supporting customers with heat pump hot water heater offering in the hospitality sector while it continued to encounter exterior lighting opportunities in the commercial segment in general. The adjustments to include population NMEC and high TRC deemed measures have improved the program cost effectiveness. Although NetOne had a successful 2025, PG&E filed an Advice Letter to request program closure as part of its ongoing commitment to optimizing program performance.[56] Table 3 below shows the reported program outcomes from 2025, including Total Resource Cost, energy savings, and Total System Benefit.

Table 3. 2025 NetOne Program Outcomes

2025 Program Outcomes						
PGE_Com_003	Budget	Total Resource Cost	Net kW Savings	Net kWh Savings	Net Therms Savings	Total System Benefit
2025	$11,185,276	1.61	886.01	(3,570,993.45)	1,425,893.28	$22,111,206

Advanced Energy Program for High Tech & Biotech (PGE_Com_004)

Implementer: Resource Innovations

The Advanced Energy Program offers site-specific solutions for high-tech, biotech (HTBT, and laboratory) customers. The Program focuses on identifying and implementing energy efficiency opportunities in these specialized markets, with facility types ranging from multi-site campus retrofits to laboratory, clean room, and data center upgrades. Additionally, the Program offers extensive guidance on control upgrades, and RCx to optimize existing equipment, scheduling, and control sequences while shifting demand away from local and system peak periods.

The Advanced Energy Program targets medium-to-large high-tech, bio-tech, and laboratory facilities but is available to smaller customers in the sector as well. Typical projects have ranged from 10,000 sq. ft of small offices to millions of sq. ft across high-tech and bio-tech campus facilities. Annual electric consumption from customer projects has ranged from several hundred thousand kWh to tens of millions of kWh. The program has typically been a building controls-centric program with HVAC systems as its primary technology focus. This program has primarily leveraged the customized incentive process but provides support for Deemed and NMEC projects, as well as assistance with PG&E's On-Bill Financing on an as needed basis with customers.

Healthcare Energy Fitness Initiative (PGE_Com_005)

Implementer: Resource Innovations

The Healthcare Energy Fitness Initiative Program targets medical facilities primarily for medium and large customers, but is available to smaller customers in the sector as well. Typical projects have ranged from small medical office building spaces with lighting upgrades to multi-year central plant replacement efforts in hospitals. This is a building controls-centric program with HVAC systems as its primary technology focus.

[56] On April 9, 2026, Pacific Gas and Electric Company submitted Advice Letter 5199-G/7883-E: "Notice of Pacific Gas and Electric Company NetOne Commercial Efficiency (PGE_COM_003) Program Closure" GAS_5199-G.pdf

This program has primarily leveraged the customized incentive process but provides support for Deemed and NMEC projects, as well as assistance with PG&E's On-Bill Financing on an as-needed basis with customers.

Measured Savings for Sumer Reliability (PGE_Com_006)

Implementer: Advanced Energy Systems Consulting

In 2025, the Measured Savings for Summer Reliability Program (MSSR) was fully launched to customers and successfully working with commercial customers as PG&E's new market access approach[57] program. Its primary objective is to permanently reduce summer peak demand with a particular focus on the highest net peak hours, 7-9 PM, spanning the months of June through September. The program utilizes energy efficiency and IDSM measures to reduce load, with savings measured using a meter-based (population-based NMEC) approach[58]. It also offers On-Bill financing to participating customers, to expand project scope and capture stranded savings. The goal of the program is to provide each participating customer with a strategic mix of measures and targets that are flexible, but have predictable load shapes to maximize TSB delivery. The strategy is to provide a customer and aggregator-friendly platform for all sizes in order to leverage a full range of behavioral and retrofit strategies to shift and reduce load. MSSR delivered close to 5 million TSB and maintained cost effective delivery while completing over 165 projects sourced from over 20 participating aggregators.

A new aggregator incentive structure was deployed in 2025 that awarded highly cost-effective projects submitted by aggregators a larger incentive if submitted by mid-year. Based on initial pipeline reviews, 2026 is also positioned for steady growth with a robust project pipeline in place.

Simplified Savings Micro-Small Business Program (PGE_Com_SmallBiz)

Implementer: Resource Innovations

The Simplified Savings Program (SSP) is an equity segment program[59] that provides resonant marketing, outreach, and education which addresses small customer concerns, as well as direct install services and incentives for this traditionally underserved segment. The program focuses on customers with a demand of less than 50kW and located within a Disadvantaged Community (DAC)[60]. Hard to Reach (HTR)[61] customers who meet the demand requirements but are not located within a DAC community may also qualify for the program. Bill reduction and customer engagement are the primary measures of success of this equity program. In 2025, the program served 1,232 customers with facility assessments and educational tips. The program also served 1,703 sites with no-cost direct install energy-saving measures resulting in an estimated average annual bill savings of $559 /site.

Program year 2025 marked the first full year in which the project demonstrated its successful steady state after making budget and incentive adjustments in 2024. These improvements resulted in on average 24% bill savings for the participating customers from the prior year. The introduction of participating contractor

[57] D.23-06-055, OP 26

[58] D.23-06-055, OP 27; MSSR is fully funded by EE dollars

[59] This follows the equity segment definition as outlined in D.21-05-031, p. 14.

[60] CalEnviroScreen Disadvantaged Communities: https://oehha.ca.gov/calenviroscreen, as listed on CPUC website: https://www.cpuc.ca.gov/industries-and-topics/electricalenergy/infrastructure/disadvantaged-communities

[61] D.23-06-055 – OP 33 updated the Hard to Reach Definition; https://docs.cpuc.ca.gov/PublishedDocs/Published/G000/M512/K907/512907396.PDF

quarterly budgets also provided the foundation for more consistent cash flow and accurate scheduling for participating installers, which is a key component to the program's success.

From a customer standpoint, the program receives high satisfaction results[62] and establishes a favorable landscape for additional bill saving measures with repeat customers, consistent with the original design of the program.

Business Energy Reports (BER) (PGE_Com_007)

Implementer: Oracle

Business Energy Reports (BER) offers weekly emails delivering personalized energy use information to business customers, including a self-comparison, energy history information, tips, and marketing modules. The goals of the BERs are to give customers actionable insights about their energy use and motivate them to lower their electricity and/or gas usage. In 2025, PG&E expanded the BERs to include gas insights to 36,000 gas and dual-fuel small and medium business customers; thereby, bringing a total of approximately 111,000 customers who receive BERs. These customers include Agriculture, Food Service, and Retail sub-segments.

Commercial Strategic Energy Management (PGE_COM_009)

Implementer: Stillwater

After a successful third-party solicitation and Advice Letter approval[63] the Commercial Strategic Energy Management[64] program launched in 2025, and successfully enrolled its first cohort, comprised of 7 participants, in August 2025. Strategic Energy Management (SEM) is a holistic, long-term, whole facility approach that uses advanced implementation, measurement and verification services and tools to determine energy savings from all program activities at the facility, including capital projects, maintenance and operation improvements, and retro commissioning. Participants receive coaching to develop their own energy management practices that will persist beyond their engagement with the program.

PG&E's Commercial SEM program serves commercial, public, and institutional customers, including but not limited to hospitality, grocery, retail, offices, hospitals, schools, and municipal buildings. This commercial expansion adheres to the same design guidelines and requirements[65] as its two PG&E industrial counterparts.[66]

More details on the two industrial SEM Programs can be found in the Industrial Chapter of this report.

[62] Customer feedback provided to Implementer and PG&E Program Management team.

[63] PG&E Advice Letter 5013-G/7461-E, pge.com/tariffs/assets/pdf/adviceletter/GAS_5013-G.pdf.

[64] D.23-02-002

[65] Design Guide V1.01 CPUC Energy Evaluation Public Comment, https://pda.energydataweb.com/#!/documents/2647/view

[66] Industrial SEM – Food Processing, Program ID: PGE_Ind_001a; Industrial SEM – Manufacturing, Program ID: PGE_Ind-001b.

Public Sector

Public sector programs support both local governments and public institutions in meeting their Energy Efficiency (EE) goals and focus on local communities, government entities such as federal and local government buildings, as well as facilities such as water treatment plants, and public K-12 schools. In 2025, PG&E administered seven Local Government Partnerships (LGPs), the statewide State of California Energy Strategy and Support Program (SOC ESS), and two legacy institutional statewide partnership programs. The seven LGP programs support over 29 counties, and are uniquely positioned within their regions to offer comprehensive solutions using their local perspective to address communities' needs while the State of California program supports the many State Agencies.

PG&E's partnerships with local governments and their communities help to shape electrification efforts, EE and sustainability at the local, regional, and statewide level by meeting the needs of local governments, as well as educational institutions like K-12 public schools. Each Government Partner is described in the LGP section below. LGPs are generally focused on promoting electrification and EE within local government facilities and helping local governments implement California's EE objectives. These programs are led by third parties, which have relationships with local governments, and are valued local resources for information. LGPs provide greenhouse gas reduction, and energy efficiency strategy guidance, project development support, and program referrals which directly result in energy savings, mainly centered around public entities and small and medium business customers that are hard-to-reach and/or are in disadvantaged communities.

Key Initiatives

Local Government Partnerships Electrification Initiatives

In 2025, LGPs identified and enabled energy savings through leads to PG&E resource acquisition programs, including 203 heat pump water heaters (HPWHs) installed in partnership with the Government and K-12 schools (GK-12) program. In addition, LGPs delivered an estimated 900 educational opportunities highlighting PG&E EE programs, including outreach at local events partnering with community-based organizations (CBOs), sponsoring building operator certification for facilities managers, and promoting the PG&E Induction Cooktop Loaner Program[67]. LGPs also supported their communities by authoring

[67] PG&E Induction Cooktop Loaner Program: https://pge-induction.myturn.com/library/

approximately 1,250 benchmarking reports and greenhouse gas reports and served as trusted energy efficiency advisors, managing and/or consulting 282 public projects focused on energy efficiency and electrification. The initiatives undertaken by PG&E's LGP partners in 2025 supported local government facilities in advancing California's decarbonization objectives.

Looking Ahead

Public sector goals include providing flexible offerings for customers to pursue EE opportunities, advancing clean energy objectives, including greenhouse gas reduction/electrification and meeting customer climate action plan goals. PG&E's public sector objectives are to provide subsector targeted program solutions to efficiently and effectively support the varied needs of public sector customers, increase the number of projects financed, and support energy resiliency. Strategies to achieve these objectives include leveraging statewide and local programs, aligning financing opportunities with customer needs, as well as providing education and promotion of clean energy solutions such as heat pump water heaters throughout our public sector buildings.

Institutional Partnership Programs

PG&E administered three institutional partnership programs in 2025; two legacy programs and one statewide program, which served agencies of the State of California and state educational institutions. The objective of institutional partnership programs is to reduce energy usage through facility and equipment improvements and share best practices among state institutions. The California IOUs have moved toward statewide administration of institutional partnership programs, so 2024 was used to ramp down the programs and closeout any remaining projects.

Through institutional partnership programs, IOUs and partners encourage strategies that promote investment in EE through comprehensive resource support and internal capacity-building. Although these existing programs have made progress over the years, energy savings opportunities still exist within state government and higher educational facilities. For example, California's Executive Order B-18-12 required reductions in grid-based electricity purchases and aggressive Zero Net Energy (ZNE) goals in state buildings. PG&E's institutional partnership programs focused on achieving energy savings and supporting demand-side management (DSM) integration and coordination. The statewide institutional partnership programs will carry on the work of partnering with state agencies and educational institutions to reduce energy usage and support sustainability goals.

University of California and California State Universities (UC/CSU), (PGE2110012)

The UC/CSU/Utility Energy Efficiency Partnership is a legacy statewide program that includes California's University of California (UC)s and the California State Universities (CSU). The Program generates energy savings through by identifying and implementing retrofit, commissioning, and new construction EE projects.

The UC/CSU Partnership program closed to new applications in December 2022, but it is still open to finalize the last remaining legacy project through 2026. New projects for UC and CSU campuses are being developed by the Statewide Higher Education Efficiency Performance Program, with SCE as lead.

New construction opportunities previously supported by this partnership will be served by the statewide New Construction third-party programs. More details on these programs can be found in the Statewide chapter of this report.

State of California Partnership (PGE2110013)

The State of California IOU Partnership is a legacy statewide program designed to achieve long-term energy and peak demand savings and establish a permanent framework for sustainable, comprehensive energy management programs at state facilities served by California's IOUs. The IOUs worked collaboratively with the Department of General Services (DGS) and coordinated with the established pool of Energy Service Companies to support implementation of comprehensive facility EE projects. The IOUs also worked with individual state agencies on technology-specific projects. DGS leveraged the Department of Finance Energy $mart program[68], along with the IOU OBF, incentives, and rebates, to provide financing for projects.

The State of California partnership program closed to new applications at the end of 2021, upon the launch of the statewide third-party program, Statewide State of California Energy Strategy and Support Program, led by PG&E and described below. Legacy applications remained in the previous partnership program to meet customer commitments and for continuity, with the program closing in Q1 2025.

Third-party Statewide[69] Institutional Partnership Program[70]

State of California Energy Strategy and Support Program (PGE_SW_IP_Gov)

Statewide Program Lead: PG&E
Implementer: AESC

The State of California Energy Strategy and Support (SOC ESS) Program helps California State Agencies (excluding higher education, which will be served by a statewide program led by SCE) reach their greenhouse gas (GHG) emission reductions goals while reducing energy use through EE and IDSM project planning, technical support, and financial assistance. The Program builds on the State's successful existing approaches while adding new channels to address key barriers California state agencies. SOC ESS is designed to overcome structural and operational barriers related to staffing and capacity, capital and financing, and safety to ensure successful realization of energy savings in state buildings.

The Program offers two pathways with varying levels of support. Pathway 1 provides agencies that are committed to a minimum level of energy savings and program engagement with high-touch, customized, and strategic portfolio-wide and engineering support plus staff augmentation. Pathway 2 provides support on individual projects as identified and pursued. Additionally, the Program continues to provide all agencies with the services they relied on through the prior statewide partnership programs, including financial, policy, technical, project, and program application support. With the new changes to the 2025 cohort (CVRMSE, minimum annual installations, and savings depth), no new projects were included in 2025 to the population-NMEC cohort. Many of the 2025 projects completed were event-based sites (fairgrounds) and went through site level NMEC.

In 2026 and beyond, the program is providing customer support for electrification measures to meet the state electrification goals. California Department of Corrections (CDCR) remains the single largest energy consumer in the portfolio and the most frequent program participant

[68] https://www.energy.gov/energysaver/financing-and-incentives

[69] Statewide Programs are identified in D.18-05-041, and more detail can be found in the Statewide Sector Narrative of this report.

[70] These programs were launched following the Commission-approved solicitations process and meet the third-party program definition as described in Decision 18-01-004.

Third-party Local Government Partnership Programs (LGPs)[71]

PG&E's seven Local Government Partnership Programs supported 40 communities within over 29 counties in 2025. Through LGPs, PG&E collaborated to develop, refer and implement programs to serve the public sector and the broader community, including SMBs and non-profit customers. LGPs are the primary delivery channel supporting cities, counties, and other local agencies seeking energy savings and GHG emission reductions on a community scale. Promoting and contributing to energy planning at a statewide and local level is a major market driver in increasing local government uptake of EE projects, extending the reach and effectiveness of PG&E's EE programs. 2025 saw a substantial partnership with PG&E's Government and K-12 programs which resulted in more than 50% of the executed Heat Pump Hot Water Heater conversions. PG&E LGPs are built within the communities they serve. While local governments represent most LGP partners, some are led by local economic development groups, associations of governments, joint power authorities, or regional non-profit organizations. These local organizations have missions aligned with supporting the economic, environmental, and societal health of their communities. Local partners are positioned to understand and identify customers who can benefit from EE programs within their communities and effectively partner with program implementers to overcome barriers to EE adoption.

Central California Energy Watch (CCEW, PGE_Pub_004)

Implementer: San Joaquin Valley Clean Energy Organization

The Central California Energy Watch (CCEW) is a non-resource program covering cities, counties, special districts, and K-12 school districts in the counties of Kings, Tulare, Stanislaus, San Joaquin, Merced, Fresno, Kern, and Madera as well as supports unassigned territories including Monterey, Santa Cruz and San Benito Counties. The CCEW is designed to identify energy savings opportunities in public sector infrastructure, develop and deliver project leads to PG&E's third-party direct installers, and develop short, mid-term and long-term energy efficiency project pipelines. The CCEW focuses on helping hard-to-reach (HTR) and Disadvantaged Communities (DAC) access, understand, and participate in EE through IOU-administered third-party programs.

Central Coast Leaders in Energy Action Program (CC-LEAP) (PGE_Pub_001)

Implementer: The Energy Coalition

The Central Coast Leaders in Energy Action Program (CC-LEAP) offers energy efficiency project delivery services within the County of San Luis Obispo, portions of the County of Santa Barbara served by PG&E as well as supports unassigned territories including the County of San Benito. CC-LEAP is a resource hub that helps public agencies to complete energy upgrades expeditiously and cost-effectively. CC-LEAP not only provides connections and resources, but also directly supports energy projects with project management, engineering, and financing support services. CC-LEAP is driven by three objectives: to expand the implementation of cost-effective energy efficiency projects, make energy efficiency expertise accessible and available, and integrate energy efficiency and GHG reduction as a standard business practice for public agencies.

[71] Ibid

Marin Energy Watch Partnership
(PGE_Pub_002)
Implementer: County of Marin - Community Development Agency

The Marin Energy Watch Partnership's (MEWP) key objectives are to support public agencies to understand energy use and achieve energy savings, and to connect local HTR communities to available energy efficiency programs. MEWP offers three overarching programs: Public Agency Climate Action Plans, Public Agency Energy Efficiency Support, and Empowering HTR Communities. MEWP's programs support PG&E by acting as a proven trusted advisor to Marin's public sector and HTR customers. MEWP focuses on building trust and relationships with public sector staff to assist them in identifying opportunities and navigating EE programs and financing opportunities, using existing networks and established relationships in the community.

Redwood Coast Energy Watch
(PGE_Pub_003)
Implementer: Redwood Coast Energy Authority

Redwood Coast Energy Watch (RCEW) serves the Humboldt County region. RCEW is intended to overcome the geographic barriers that affect the customers of the region and to lead customers to more comprehensive energy actions. The primary objective is to support cost-effective resource acquisition program services for public and commercial HTR customers while growing local EE capacity. RCEW serves public agencies, non-residential HTR customers, and residential HTR customers. RCEW drives comprehensive public agency energy projects, increases cost-effectiveness for resource acquisition programs, increases opportunities for HTR customers to save energy, integrates deep-reaching energy projects with demand side management, and builds local capacity for EE through education.

San Mateo County Energy Watch Program
(PGE_Pub_005)
Implementer: City/County Association of Governments of San Mateo County (C/CAG), administered by the County of San Mateo Office of Sustainability

The San Mateo County Energy Watch Program (SMCEW) serves the public and commercial market sectors across San Mateo County. SMCEW assists municipalities, special districts, public agencies, K-12 public schools, and small, HTR businesses in accessing EE programs, trade professional networks, and financing opportunities. SMCEW provides coordination, outreach, referrals, contribution to climate action plans, and educational resources to help community members pursue EE projects. In 2025 an electrification study was initiated with food service businesses to collect data and lessons learned, on challenges faced within the SMB sector. SMCEW runs a public facility quarterly working group to help facility staff increase their understanding of energy efficiency and energy management. Through San Mateo County's Regionally Integrated Climate Action Planning Suite initiative, SMCEW assists cities in reducing energy use and achieving GHG reduction goals.

Sierra Nevada Energy Watch
(SNEW, PGE_Pub_007)
Implementer: Sierra Business Council

The Sierra Business Council's Sierra Nevada Energy Watch (SNEW) Program serves Lassen, Plumas, Sierra, Nevada, Placer, El Dorado, Amador, Alpine, Calaveras, Tuolumne, Mariposa, Butte, Sutter and Yuba counties furthering PG&E and CPUC EE goals through EE project development activities, planning and policy work, and outreach/education efforts. These program activities motivate public sector leaders and SMBs to

increase their capacity for EE action, especially in the rural Sierra Nevada counties and their HTR communities and DACs.

Sonoma Public Energy (PGE_Pub_008)

Implementer: County of Sonoma

The Energy and Sustainability Division of Sonoma County developed "Sonoma Public Energy," a suite of comprehensive services aimed primarily at the reduction of energy use, reduction of energy cost, and assistance with access to existing and future resources and services. These services are focused on facilitating upgrades to public facilities, K-12 Schools, special districts, and HTR and DAC customers located within Sonoma County through project development and project support services.

Third-party Public Sector Programs[72]

These public sector programs target publicly funded entities that receive revenue from state and local governments or are local governments themselves.

Government and K-12 (GK-12) Comprehensive Program (PGE_Pub_009)

Implementer: Willdan Energy

The Government and K-12 (GK-12) Comprehensive Program includes a broad offering of Energy Efficiency and Building Electrification measures to diverse markets of local governments and K-12 public and charter schools. GK-12 has a strong focus on electrification, which aligns with substantial interest in the government and K-12 sectors. Utilizing the meter-based savings platforms, the Program offers HVAC and Lighting equipment and control system upgrades, retro commissioning recommendations, and behavioral strategies to optimize system efficiencies.

In 2025 the GK-12 program became one of PG&E's key building electrification programs installing 255 heat pump water heaters (HPWH) within the public sector. To keep up with sector and customer demand, the GK-12 program was provided additional funding in 2024 and 2025. The Program is designed to cost-effectively complete all sizes and scopes of projects and has a goal of engaging nearly half of its customers from the HTR and DAC sectors.

RAPIDS Wastewater Treatment Optimization Program (PGE_Pub_010)

Implementer: Alternative Energy Systems Consulting, Inc. (AESC)

Before accepting its last projects in 2024, The RAPIDS Program targeted public and private sector wastewater treatment and collection systems, using a custom project platform and offering process expertise, technical analysis and support, design assistance, incentives, and financing to drive deep, persistent, and long-lived energy savings. The program's strategy offered capital project solutions but also focused on the cascading effects of operational measures on downstream energy, process loads, and operational efficiency. Development of an action plan, including an ongoing system monitoring strategy, contributes to energy savings persistence for customers.

[72] These programs were launched following the Commission-approved solicitations process and meet the third-party program definition as described in Decision 18-01-004.

This Program stopped accepting new projects with the launch of a Statewide Water Wastewater program, led by SCE. The RAPIDS Program obtained commitments on its final list of public wastewater treatment projects it had proposed, and is scheduled to complete these projects through 2026.

Industrial Sector

California's industrial sector is extremely diverse, and, in most cases, industrial customers tend to be heavy energy users. In 2025, PG&E supported customers in oil production, printing plants, plastic injection molding, component fabrication, lumber and paper mills, cement and quarries, metals and food processing, petroleum refineries, chemical industries, assembly plants, and water and wastewater treatment plants. PG&E's programs focused on EE solutions for its industrial sector to help reduce energy consumption and GHG emissions while increasing customers' profitability by lowering energy costs.

Key Initiatives and Notable Changes

While industrial customers understand and appreciate EE, decisions to upgrade to energy-efficient equipment must be balanced with minimizing operational and production risks. PG&E works closely with customers to understand their business needs so that programs are thoughtfully designed, and offerings align with customers' requirements.

PG&E depends on a team of EE experts including account representatives, project engineers, contractors, and third-party implementers with deep technical knowledge and understanding of industrial processes to offer industrial customers the right EE solution at the right time—from EE audits and scoping EE projects, to financial offerings to install EE projects through the calculated, deemed, or financing programs.

PG&E's Strategic Energy Management (SEM) programs remain highly valued by our customers. By providing technical consulting for operational changes, retrocommissioning, and equipment upgrades, customers were able to identify and realize significant energy savings. In 2025, 93 customers participated in PG&Es two Industrial SEM programs, which are estimated to save 68 Gigawatt-hours and 13 million therms annually, or about $ 25,080,000 in bill savings. In addition, PG&E's Industrial Systems Optimization Program continued to serve food processing plants within PG&E's territory, focusing on mechanical vaporization recompression measures and heat recovery system measures. The focus on these measures had led to successful project development at large tomato and bean processing plants, amounting to millions of therms saved.

PG&E industrial EE programs also partnered with industry stakeholders to promote a comprehensive list of energy management solutions to end-use customers. This suite of program services not only overcomes the traditional market barriers to EE, but also uses efficiency to advance IDSM opportunities such as Demand Response (DR) and Distributed Generation (DG). Key offerings included rebates and incentives for efficient equipment and systems, technical support such as facility audits and energy savings analysis, zero-interest project financing, and strategic energy planning PG&E marketed and delivered these offerings through several channels, including direct communication with facility personnel, presence at industry events, support for education and research activities, and close partnerships with engineering and installation firms. PG&E's portfolio of offerings also includes specialized third-party programs focused on specific technologies, segments, or approaches with specialized requirements.

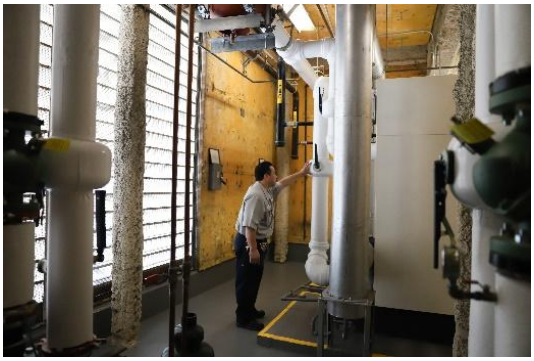
Looking Ahead

In 2026, PG&E plans on continuing program offerings that best suit this sector's needs. Strategic Energy Management (SEM) programs continue to deliver highly cost effective energy savings, and yield high customer satisfaction; PG&E will be working to increase participation in the two existing industrial SEM programs, and will look to expand beyond the industrial sector, as outlined in PG&E's 2028-2031 Business Plan. PG&E's Commercial SEM expansion is further explained in the Commercial sector of this report.

Industrial Program Summary

Industrial Calculated Incentives Program (PGE21021)

The Industrial Calculated Incentives program is a PG&E implemented core program, providing custom incentives for non-residential EE retrofit and new construction projects involving the installation of high-efficiency equipment or systems when projects don't have a good fit with a third-party program. This program is not marketed to customers, however, it remains open to future transitioning projects as programs within PG&E's portfolio transition. Current projects in the Industrial Calculated program pipeline are expected to be completed by the end of 2027.



Industrial Deemed Incentives Program (PGE21022)

The Industrial Deemed Incentives Program, implemented by PG&E as a core program, provides rebates for the installation of new EE equipment and measures. Deemed retrofit measures have fixed incentive amounts per unit/ measure and are intended for projects that have well-defined energy and demand savings to apply for rebate options being offered. PG&E is not generating new measures specifically for our core deemed programs due to new Third-Party Programs. New measures that can be easily implemented without a Third-Party Implementer can be added to the core program. Customers can log onto the PG&E website[73] to apply for rebate options being offered.

Industrial Energy Advisor Program (PGE21024)

The Industrial Energy Advisor Program provides energy savings opportunities and continuous improvement over time by supporting online self-service tools, such as Business Energy Checkup,[74] for industrial customers. Through Business Energy Checkup, customers receive rate analysis, check their bills, and receive tips and tricks for saving energy. Aligning integrated improvement opportunities with customers' needs, the Energy Advisor Program also increases program participation and adoption rates by helping customers to better understand EE benefits.

[73] www.pge.com/rebates

[74] Business Energy Checkup is located within the pge.com/myaccount website for customers to perform a Facility Audit, read about recommendations on energy use, and explore rate options.

Industrial Third-party Programs[75]

Industrial third-party programs offer a thoughtful, niche approach that continues to deliver savings, serve customer needs, and stay innovative by adapting to changing market needs.

Industrial Strategic Energy Management (SEM)

SEM is a holistic, long-term, whole facility approach that uses advanced implementation, measurement, and verification services and tools to determine energy savings from all program activities at the facility, including capital projects, maintenance, and operation improvements, and retrocommissioning. Participants receive coaching to develop their own energy management practices that will continue beyond their engagement with the program. The methodology and programs' Design Guide[76] requirements were defined through a collaborative effort between the IOUs, CPUC, and external subject matter experts (D.23-02-0024).[77] The SEM Design Guide was expanded in 2025 to include a "graduate pathway" for participants successfully completing the 6 years of original curriculum, offering them opportunities to deepen their expertise and explore advanced energy management topics.

PG&E offers two Industrial SEM programs, further explained below, as well as a newly launched Commercial SEM program, which is explained in more detail in the Commercial section of this report.

SEM Food Processing (PGE_Ind_001a)

Implementer: CLEAResult

The SEM Food Processing Program serves food processors and producers and takes a whole-facility approach that uses meter-based methodology and dynamic baseline modeling to determine energy savings from all program activity at the facility, including capital projects, custom and deemed calculated retrofits, maintenance and operation, and retrocommissioning projects. The Program requires a multi-year customer commitment to participation in multiple cohort training workshops, individual or cohort energy analysis, and measurement and verification (M&V) activities based on information and characteristics of the facility's specific processes. The Program emphasizes a cohort-based approach where customers learn together and have opportunities to network and share their experiences, challenges, and successes in energy management.

SEM Manufacturing (PGE_Ind_001b)

Implementer: Leidos, Inc.

The SEM Manufacturing Program serves the manufacturing sector and, similar to the Food Processing program, uses meter-based methodology and dynamic baseline modeling to determine energy savings from all program activities at the facility, including capital projects, custom and deemed calculated retrofits, maintenance and operation, and retrocommissioning projects. The program combines individual site visits,

[75] These programs were launched following the Commission-approved solicitations process and meet the third-party program definition as described in Decision 18-01-004.

[76] M&V Guide 3.02: CPUC Energy Evaluation Public Comment: https://pda.energydataweb.com/#!/documents/2648/view and Design Guide V1.01 CPUC Energy Evaluation Public Comment, https://pda.energydataweb.com/#!/documents/2647/view

[77] https://docs.cpuc.ca.gov/PublishedDocs/Published/G000/M501/K931/501931085.PDF

and web-based activities to deliver program services to participating industrial manufacturing customers as well as oil and gas customers. The program maintains frequent communication with customers identifying major opportunities for implementation, tracking progress, and rigorously tracking energy usage before and after energy efficiency actions are performed to determine effectiveness and persistence.

Industrial Compressed Air System Efficiency (ICASE) Program (PGE210212)

Implementer: ALDI

The ICASE Program was selected as an innovative program for the IDEEA 365 solicitation process.[78] The Program serves industrial customers with large (greater than 100 horsepower) compressed air and vacuum systems and promotes and installs a state-of-the art control and data monitoring system called iZ. This program closed officially in 2025 to accommodate the third-party programs described below.

Business Energy Performance (BEP) Program (PGE_Ind_002)

Implementer: CLEAResult

The BEP Program provides energy efficiency services, technical assistance, and incentives to the industrial sector within PG&E's service territory. BEP targets the Petroleum, Chemical, and Minerals subsegments using a downstream market approach and by leveraging the deemed and custom savings platforms to deliver cost-effective energy savings. BEP also promotes and leverages OBF as a tool to off-set the barrier of capital to fund projects. In June 2024, it was decided to ramp down the program due to sector challenges that led to low savings and low project completion. In an effort to maintain customer satisfaction on projects that have been in development for multiple years, CLEAResult was given approval to continue working on a handful of projects to be completed by the end of 2026. Any new leads or new projects have been directed to the Industrial Systems Optimization Program.

Industrial Systems Optimization Program (ISOP) (PGE_Ind_003)

Implementer: Cascade

The ISOP supports the industrial manufacturing and food processing market segments throughout PG&E's territory, focusing on training, retrocommissioning, and capital projects with systems-level optimization. ISOP offers technical support to identify and implement projects, energy management coaching, energy management and collaboration software, and ongoing energy coach support to drive projects. The Program uses the deemed, custom, and meter-based platforms (where applicable) to achieve savings, and supports all relevant measure types, with a focus on complex mechanical systems such as refrigeration, compressed air, pumping, fans, blowers, boiler and steam systems, and the industrial processes they serve.

In 2026, the program will take on grocery sector leads that would have gone through NetOne to focus on refrigeration measures and HPWH electrification, and continue supporting the petroleum and chemical sector where needed. More discussion on the NetOne program, can be found in the Commercial chapter of this report.

[78] The Innovative Design for Energy Efficiency Applications (IDEEA) 365 solicitation process is a specialized, recurring competitive bidding framework used in California by Investor-Owned Utilities (IOUs) to procure innovative energy efficiency programs.

Agricultural Sector

In 2025, PG&E's agricultural programs provided a portfolio of offerings to support an industry impacted by fluctuating availability of surface water and increasing oversight on ground water pumping. The EE agricultural programs, coupled with Demand Response (DR) and Distributed Generation (DG) Programs, helped agricultural producers and processors manage energy costs and make informed investments in new equipment. PG&E offered a full suite of tools to position California agricultural customers to eliminate unnecessary energy use, including rebates and incentives for efficient equipment and systems, technical support such as facility audits and energy savings analysis, zero interest project financing, and pump efficiency education.

PG&E marketed and delivered these offerings through a variety of channels, including direct communication with customers, advertising in industry publications, presence at industry events, support for education and research activities, and close partnerships with engineering and installation firms. PG&E complements its EE offerings with concierge EE solutions through its third-party programs focused on specific technologies, segments, or approaches with specialized requirements. In 2025, PG&E programs served the agricultural growers (field crops, indoor horticulture crops, fruits and nut trees, vegetables, and vineyards), post-harvest processors, dairies, irrigation districts/agencies, fruit, and vegetable processors (canners, dryers and freezers), agricultural service providers, wineries, and other beverage manufacturers.

Key Initiatives

In 2025, PG&E continued to emphasize building trust with agricultural customers in their local communities by offering complimentary education and technical assistance. Key initiatives included recommending efficient equipment and operations through reputable trade professionals, scheduling workshops with partners such as local farm bureaus and the League of Food Processors, and collaborating with esteemed agricultural universities like California State University, Fresno, and California Polytechnic State University, San Luis Obispo (Cal Poly). PG&E also prioritized exploring innovative solutions to support customers, such as introducing new deemed measures to the Energy Efficiency portfolio, providing streamlined methods for reducing energy costs and conserving energy.

PG&E's Agriculture Energy Savings Action Plan program implemented innovative strategies to assist customers in reducing costs and energy consumption. The program introduced new measures designed for indoor horticulture and dairy operations and provided technical and analytical support at no charge. In 2025, more than 111 customers participated in the program and are expected to save over 21.2 GWh and 2.3 million therms annually through upgraded lighting, heat curtains, and efficient fans, among other measures.

PG&E's Strategic Energy Management (SEM) Program for food processors also continues to serve food processing customers across PG&E service territory, teaching participants to develop sustainable energy management business practices while identifying and implementing a broad range of behavioral, retrocommissioning, operational, and capital energy efficiency projects. SEM for food processors delivered an estimated total of $9.2M in annual energy bill savings across its participants in 2025. For more on details on PG&E's Industrial programs, see the Industrial Programs chapter of this report.

Looking Ahead

PG&E continues to support a geographically widespread and diverse market with opportunities that support customer and grid resiliency. With customer interest in reducing grid demand and electrifying equipment in mind, PG&E plans to educate and support customers with innovative EE and IDSM opportunities, as part of the larger effort to make the grid safer and more reliable.

Agricultural Programs

Agricultural Calculated Incentives Program (PGE21031)

The Agricultural Calculated Incentives Program is a PG&E core program, offering site-specific financial incentives for agricultural customers to install new equipment or systems that exceed applicable code and/or industry standards in buildings and sites which do not qualify for a current third-party implemented program. Remaining open projects in the Agricultural Calculated Program pipeline were completed at the end of 2025, however, this program remains open to future projects as current Programs within PG&E's portfolio transition.

Agricultural Deemed Incentives Program (PGE21032)

The Agricultural Deemed Incentives Program is a core deemed program implemented by PG&E that provides fixed rebates for high-volume measures, such as variable frequency drives (VFDs) used with irrigation pumps or process fans. Each deemed measure comes with a set incentive amount per unit and targets projects where energy and demand savings are well-defined. This program will remain available for projects that are not eligible for the Third-Party programs listed below. However, due to the introduction of new Third-Party Programs, PG&E is no longer creating new measures specifically for its core deemed programs. Still, any new measures that can be easily implemented without a Third-Party Implementer may be added to the core program. Customers can visit the PG&E website[79] to apply for available rebate options.

Agricultural Energy Advisor Program (PGE21034)

The Agricultural Energy Advisor Program provides customer education and encourages participation in EE, DR, self-generation programs and promotes awareness of GHG and water conservation activities. The Program provides energy savings opportunities and continuous improvement over time by supporting online self-service tools, such as Business Energy Checkup.[80] Aligning integrated improvement opportunities with customers' needs, the Energy Advisor Program also increases program participation and adoption rates by helping customers to better understand EE benefits.

Agricultural Energy Advisor Program (PGE21034)

The Agricultural Energy Advisor Program provides customer education and encourages participation in EE, DR, self-generation programs and promotes awareness of GHG and water conservation activities. The Program provides energy savings opportunities and continuous improvement over time by supporting online self-service tools, such as Business Energy Checkup.[2] Aligning integrated improvement opportunities with customers' needs, the Energy Advisor Program also increases program participation and adoption rates by helping customers to better understand EE benefits.

[79] https://www.pge.com/en/save-energy-and-money/rebates-and-incentives.html

[80] Business Energy Checkup is located within the pge.com/myaccount website for customers to perform a Facility Audit, read about recommendations on energy use, and explore rate options.

Agricultural Third-party Program Summary[81]

PG&Es third-party agricultural program offers a tailored solution to the specific needs of PG&E's agricultural customers. Through customized solutions and thoughtful program delivery, PG&E's third-party implementers serve the unique energy needs of the diverse agricultural sector.

Agricultural Energy Savings Action Plan (AESAP) Program (PGE_Ag_001)

Implementer: TRC

The agricultural industry is extremely energy and water-intensive, and that's why PG&E's Agricultural Energy Savings Action Plan (AESAP) Program offers a variety of rebates, incentives, and financing options to help customers reduce energy usage and costs. Upgrading ventilation, irrigation, and other critical systems with more energy-efficient options is one way to reduce overhead, improve production, and preserve natural resources.

In 2025, after encountering difficulties with custom measures due to ISP baseline issues in previous years, the AESAP program shifted its focus to deemed measures, which contributed to 94% of the benefits claimed in 2025. The program saw large success with the deemed horticulture lighting measure, which contributed to 55% of the benefits claimed in 2025, enabling the program to exceed its original contract goal by 157%.

[81] These programs were launched following the Commission-approved solicitations process and meet the third-party program definition as described in Decision 18-01-004.

Financing Sector

PG&E's EE financing program, On-Bill Financing (OBF) is designed to help customers finance the up-front cost of EE projects. OBF facilitates portfolio energy savings by enabling customers to pursue large, comprehensive efficiency retrofit projects that might not have been financially feasible otherwise. Financing is offered alongside other PG&E EE programs or on its own to facilitate customer investment in energy efficiency.

Key Initiatives and Notable Changes

In 2025, PG&E issued 343 loans[82] for a total value of $50.6 million. OBF loans are primarily issued directly to the customer through industry trade professionals, though PG&E third-party programs also incorporate OBF into their program offerings.

The program updated the list of eligible measures in 2024, to include battery storage, and EV charging equipment. Under this updated offering, customers may use up to 50% of the OBF loan to fund the new measures alongside their energy efficiency project. In 2025, Trade Professionals started to offer this opportunity to customers resulting in 4 loans for EV infrastructure projects added to the loan pipeline.

PG&E also increased its OBF loan limits in 2025 allowing up to $400,000 as a standard loan opportunity (increased from $250,000) and up to $6,000,000 for projects representing unique energy savings opportunities (increased from $4,000,000).[83] This loan limit increase was made to bring loan limits in line with inflation. Following this change, PG&E has approved 19 loans, each between $250,000 and $400,000, for a total of $6.05 million. PG&E has yet to approve a loan exceeding $4,000,000.

Looking Ahead

Currently, most OBF-funded projects are lighting retrofits. PG&E's strategy in 2026 is to diversify its OBF project portfolio by encouraging customers and trade professionals to focus more on projects that add greater value to the grid, such as BE, EV infrastructure, and battery storage. PG&E will achieve this by allowing deemed BE measures to be supported by OBF. The NMEC approach to savings claims had previously been a barrier to supporting BE in OBF as the savings are experienced on the gas meter while electric meter usage is increased. Therefore, adopting the deemed approach to BE, simplifies the project level analysis, and increases this opportunity to Trade Professionals and customers.

PG&E remains committed to expanding participation in battery storage and EV Infrastructure initiatives. Based on feedback from Trade Professionals who have engaged with these measures over the past year, PG&E will improve its offerings by implementing process improvements, offering training, developing more effective marketing materials to clarify the new options, and coordinating efforts with the PG&E EV Advisor Support Program.[84]

PG&E will establish more rigorous standards for projects seeking funding in excess of $400,000 to enhance portfolio savings. These larger loan projects will be required to utilize the Site-Specific NMEC method, which

[82] 1A projects

[83] Advice 5055-G/7566-E, GAS_5055-G.pdf

[84] https://www.pge.com/en/clean-energy/electric-vehicles/ev-fleet-program/advisory-services-program.html

allows for comprehensive tracking and optimization of both performance and savings. To be eligible for these loans, projects must demonstrate substantial estimated total system benefits relative to the loan amount requests.

Financing Program Summary

On-Bill Financing (PGE_OBFAP)

OBF is a key enabler of energy savings across non-residential customers, providing zero-percent financing for qualifying energy efficiency and clean energy retrofits, with loan payments appearing as fixed monthly charges on the customer's PG&E bill. OBF helps customers who would otherwise have difficulty qualifyingfor commercial credit or are unable to allocate capital to energy investments due to competing capital needs. The Commission requires PG&E to provide additional reporting on the OBF program as part of the Energy Efficiency Annual Reports.[85] PG&E is required to report on default rates, energy savings, status of efforts to replace incentives with loans, and the degree of free ridership, if any, associated with energy efficiency projects financed through the OBF program.[86]

In 2025 PG&E did not write off any OBF loans.[87] Write-offs in the program since inception in 2011 are $480,128, or 0.09% of the total funds lent. Additionally, PG&E has $3,293,171 dollars currently at risk of write-off, or 0.63% of the total funds lent to date. The dollars at risk are customers who are currently in arrears, or have closed accounts and are being billed for the balance of their loan.

OBF Reported Savings Claims

In 2025, PG&E is reporting a net total system benefit (TSB) of *negative* $2.3 million for the program. This figure includes an estimated $3 million in TSB from projects installed and loans paid in 2025, as well as a true-up adjustment of *negative* $5.38 million to previous estimates for projects completed in 2024 which resulted in less TSB than originally estimated, see Table 4 below. The 2025 claims include a preliminary true-up, after the large 2024 program adjustment needed. Further explanation below.

Table 4. 2025 Net OBF AP Savings

Savings Claims	Total System Benefit
2025 OBF Project Savings Estimate *PopNMEC Estimate* *Site Specific Estimate* 2024 Projects True Up	$3,013,892 *$2,142,141* *$871,751* ($5,380,715)
Total 2025 Reported	($2,366,823)

Following NMEC analysis of the OBF projects installed in 2024, PG&E adjusted 2024 savings estimates by including a *negative* $5.38M TSB. The large negative adjustment to the initial estimates reported in 2024 have prompted PG&E to modify its methodology for reporting initial savings estimates moving forward for PopNMEC projects to mitigate significant negative true-ups.

[85] D.19-03-001, OP 4

[86] Ibid.

[87] When loans are written off they are deemed to be uncollectable.

Starting in 2025, PG&E now undertakes an early PopNMEC analysis across its OBF portfolio prior to submitting Q4 savings estimate; for 2025, this resulted in a reduction of initial engineering estimates by 52%.

These preliminary assessment will provide timely, albeit incomplete, insights into project performance. By implementing this updated analysis PG&E expects to produce more accurate, claimable savings estimates annually. These changes should enable PG&E, beginning in 2026, to more accurately reflect the impact of projects completed within the reporting year, without substantial offsets from adjustments to prior-year projects as occurred in both 2024 and 2025.

Codes and Standards

PG&E's Codes and Standards (C&S) segment programs collaborate with regulatory bodies—such as the California Energy Commission (CEC) and the U.S. Department of Energy (DOE)—to strengthen or develop EE and greenhouse gas (GHG) emissions-reducing regulations. These programs undertake efforts to increase compliance with regulations so that California realizes the savings from updated codes and standards. PG&E's C&S programs also assist local governments in adopting local energy ordinances as part of their broader climate strategies, while coordinating across internal and external activities and partners to deliver these efforts efficiently.

Advocacy and compliance improvement activities extend to newly constructed or renovated buildings and appliances sold in California. Through these efforts, C&S programs support California's ambitious climate and energy goals while extending the benefits of voluntary EE programs to all customers and addressing persistent market barriers, such as split incentives.

Table 5 summarizes the magnitude and statewide importance of C&S impacts, illustrating how adopted codes and standards translate into long-term energy savings across California.

Table 5. California 2025 C&S Savings

	Gross Savings[88]			Net Standard Savings[89]			Net Program Savings[90]		
	GWh	MW	MM Therm	GWh	MW	MM Therm	GWh	MW	MM Therm
Statewide[91]	10,712	2,121	106.9	4,787	1,121	74.8	3,115	643	55.2
All IOUs	8,535	1,689	105.5	3,814	893	73.8	2,482	513	54.5
PG&E	3,871	766	47.6	1,730	405	33.3	1,126	232	24.6
SCE	3,871	766	-	1,730	405	-	1,126	232	-
SoCalGas	-	-	53.1	-	-	37.1	-	-	27.4
SDG&E	792	157	4.8	354	83	3.4	230	48	2.5

Key Initiatives and Notable Changes in 2025

PG&E's key initiatives for 2025 included:

- Delivering training, tools, and resources to support compliance with California's existing EE regulations

[88] "Gross Savings" are the estimated C&S savings with adjustments for compliance rates.

[89] "Net Standards Savings" are the gross savings after correcting for naturally occurring market adoption (NOMAD).

[90] "Net Program Savings" are calculated by applying an attribution factor to net standards savings and then adjusted by market effects. Savings are based on a combination of data from CPUC ex-post evaluation studies and C&S program forecasts. All energy savings values in this table include interactive effects between building space heating and cooling energy use and the installation of energy efficient lighting and appliance measures.

[91] Statewide savings includes savings estimates for publicly-owned utility (POU) customers.

- Continuing statewide administration of building energy codes and appliance standards advocacy programs and new construction programs

- Developing cost-effectiveness studies and other resources to support more than 69 local governments across California pursuing reach codes

- Adjusting program offerings in response to Assembly Bill (AB) 130, signed June 30, 2025.[92] The bill reduced the State Building Code Advocacy Program scope to non-residential measures for updates to the 2028 California Building Standards Code (Title 24) update. This legislation also limits reach codes options for local jurisdictions. The Local Energy Codes (Reach Codes) program adapted program offerings accordingly.

- Advocating for energy efficiency and GHG reducing measures as part of updates to relevant American Society of Heating, Refrigeration and Air-Conditioning Engineers (ASHRAE) standards and the triennial update to the International Energy Conservation Code (IECC)

- Advocating for energy efficiency and demand management-capable equipment through California's Appliance Efficiency Regulations (Title 20) and SB 49 rulemakings, DOE appliance standards, and related ENERGY STAR® activities

- Primary data collection to support DOE and CEC rulemakings, and to inform California Building Energy Code Compliance (CBECC)-Res and CBECC-Com (CEC code compliance software)

- Advocating for more representative appliance test procedures at the Air-Conditioning Heating and Refrigeration Institute (AHRI), the Consumer Technology Association (CTA) and the Association of Home Appliance Manufacturers (AHAM) which will be adopted by DOE

- Code readiness activities aimed at specific industries and technologies for future code and standards, including collaborating with the statewide new construction programs to collect data for high performance measures that align with the long-term tactical plan and will support future codes and standards cycles

- Planning and coordination activities to guide implementation and optimize work across teams within PG&E and with other California utilities.

Looking Ahead

PG&E's C&S programs will continue to advocate for more efficient building codes and appliance standards; collect primary data to inform standards development; update appliance test procedures; provide training and tools to support code compliance; and support local governments pursuing reach codes. The programs will also collect and analyze new construction data to inform future standards that enable customers to design, build, and maintain buildings that are safe, resilient, affordable, and decarbonized.

Emerging opportunities for the C&S segment include demand management; flexible demand appliance standards (FDAS); continued integration of EE with electric vehicle (EV) charging infrastructure; renewables,

[92] AB 306's proposed residential building-code freeze provisions were incorporated into the budget trailer bill AB 130, and enacted when AB 130 was signed. For more information, see: The California Building Standards Commission, Information Bulletin 25-03 (September 22, 2025). Available at: hhttps://www.dgs.ca.gov/-/media/Divisions/BSC/06-News/Information-Bulletins/2025/BSC-Bulletin-25-03-AB130-FINAL.pdf

and energy storage; and exploring solutions to encourage or compel energy system updates to existing buildings through policies such as Building Performance Standards.

Statewide[93] Third-party[94] Codes and Standards Programs

State Building Codes Advocacy: Title 24, Part 6 & Part 11 (PGE_SW_CSA_Bldg) Statewide

Program Lead: PG&E

Implementers: West Monroe Partners[95], Energy Solutions, Frontier Energy, McHugh Energy Consultants, TRC

The Statewide Building Codes Advocacy Program supports the CEC's triennial update to the California Energy Code (Title 24, Part 6) to include new EE regulations or to strengthen existing regulations for various technologies or measures. Advocacy activities include the development of Codes and Standards Enhancement (CASE) proposals, research to provide the data needed to advance EE regulations, and participation in the public rulemaking processes. The program also supports the CEC in preparing recommendations to the Building Standards Commission to update the California Green Buildings Standards (Title 24, Part 11 or CALGreen). The voluntary energy measures in CALGreen provide foundational elements for local reach codes.

In 2025, the program finalized the measure selection process to support the adoption of the 2028 Energy Code. A portfolio of approximately 184 measures was identified as potential proposals for the 2028 Energy Code rulemaking. At the close of the year, 35 remained viable. In addition to prioritizing top energy savings opportunities, AB 130, signed by the Governor on June 30, 2025 as part of the 2025-26 budget package, curtailed work on all residential measures and limited the 2028 Energy Code support to non-residential measures. The bill prohibits the California Building Standards Commission (CBSC) from considering, approving, and adopting any residential building standard from October 1, 2025, through June 1, 2031, unless the exceptions outlined in the bill are met. As a result, resources were shifted to add additional commercial and industrial energy savings opportunities to further build up the portfolio. Residential activities were moved to code readiness and program support allowing for robust research and ramp up time to prepare for a high impact 2031 energy code cycle.

Descriptions of the 2028 Energy Code proposals, timeline, and other supporting documentation are available at https://title24stakeholders.com. The 2028 non-residential measure package focuses on energy efficiency in industrial processes, HVAC, service hot water, non-residential lighting, elevators, and controlled-environment horticulture. The 2028 code cycle proposals aim to continue to bring cost-effective long-term savings to the building owners and operators that will benefit from efficiency advancements required for compliance with the 2028 Energy Code.

[93] Statewide Programs are identified in D.18-05-041, and more thoroughly reported on in the Statewide Sector Narrative of this report.

[94] These programs were launched following the Commission-approved solicitations process and meet the third-party program definition as described in Decision 18-01-004.

[95] 2050 Partners was acquired by West Monroe Partners in 2025.

Energy Code includes $4.8 billion in statewide energy cost savings over 30 years,[96] and annual savings of over 20 MMtherm, more than 300 GWh, and nearly 60 MW peak demand.[97]

In 2025, the program updated 14 of the 2019 Code Change Savings Reports (CCSR) and 7 of the 2022 CCSRs based on feedback from CPUC evaluators. These updates improve the documentation of C&S program impacts and support effective evaluation of C&S advocacy outcomes.

National Codes & Standards: DOE, ASHRAE 90.1 and 189.1, IECC, ENERGY STAR® (PGE_SW_CSA_Natl)

Statewide Program Lead: PG&E
Implementers: West Monroe Partners, Energy Solutions, McHugh Energy Consultants

PG&E advocates for national building energy codes and appliance standards that support California by encouraging broader market adoption of transformative technologies and construction processes. Alignment between national and state codes also helps reduce barriers to compliance by harmonizing the requirements across state borders. Organizations that work across multiple states, including California, can establish business practices that would result in less customization for the California market. Advocacy during DOE proceedings supports large cost-effective savings in California through more stringent federal appliance standards. In 2025 the program supported maintaining the existing appliance standards in 31 deregulatory rulemakings which addressed 32 appliances. The program worked with stakeholders to update five appliance test procedures which will be adopted by DOE. Research is being conducted to support future standards for six high savings potential appliances. Participation in Environmental Protection Agency (EPA), Federal Trade Commission, ASHRAE, and IECC code and standard update proceedings in support of increasing requirements is important to minimize gaps, when regionally appropriate, between the California's EE regulations and the EE regulations that other states adopt.

In 2025, the building energy codes component of the program was the primary proponent for 52 measures which include 19 IECC 2027 commercial measures, 20 IECC 2027 residential measures, two 2027 Uniform Mechanical Code measures, ten ANSI/ASHRAE/IES Standard 90.1-2025 measures, and 1 ASHRAE Standard 62.2-2025 measure. The program was successful in getting 42 of these measures to publication or public review. The measures supported in these proceedings focused on energy efficiency advancements, notably improved fenestration, increased efficacy and added controls for indoor horticulture lighting, pipe insulation, more efficient laboratory hoods, and pools and spas.

State Appliance Standards Advocacy Program (PGE_SW_CSA_Appl)

Statewide Program Lead: PG&E
Implementer: 2050 Partners, Energy Solutions

The Statewide Appliance Standards Advocacy (ASA) Program targets improvements to Title 20 by the CEC. Advocacy activities include developing Title 20 code enhancement proposals and participating in the CEC public rulemaking process. Additionally, the program monitors state and federal legislation and intervenes, as appropriate. In 2025, the ASA program responded to five requests for information, including FDAS battery energy storage, FDAS electric vehicle supply equipment (EVSE), and a television efficiency standard, and provided technical support for the CEC on 11 open standard rulemakings.

[96] See the CEC's 2025 California Energy Code Fact Sheet:https://www.dgs.ca.gov/-/media/Divisions/BSC/06-News/Information-Bulletins/2025/BSC-Bulletin-25-03-AB130-FINAL.pdf.

[97] See the Title24Stakeholders.com for more information: https://title24stakeholders.com/2025-cycle-impacts/.

Third-Party Codes and Standards Programs[98]

Compliance Improvement Program (PGE21053)

Implementer: Binary Evolution, Build Smart Group, EnergySoft, Energy Solutions, Gabel Associates, Misti Bruceri and Associates, Mortson Green Building Services, NORESCO, RMS Energy Consulting, Selby Energy

The Compliance Improvement (CI) program strives to maximize compliance with the Energy Code (Title 24, Part 6) and Title 20 in order to meet CA's energy efficiency and carbon reduction goals. Under the Energy Code Ace brand, CI drives higher compliance rates by enacting behavior change throughout the building and appliance efficiency supply chains. Training develops knowledge and skills, Tools and Resources empower desired action, and Outreach increases awareness and motivation. 2025 accomplishments in each category include:

- Delivered 220 courses and achieved an average knowledge swing score of 25% and average satisfaction rating of 98%. More than 5,409 people completed Energy Code Ace training.
- Updated Energy Code Ace tools, training and resources to reflect 2025 Title 24, Part 6 requirements.
- Facilitated compliant permit applications through more than 65,388 Virtual Compliance Assistant projects for a year over year growth of more than 18%.
- Experienced growth in resource downloads which total 477,186 and a 150% increase over 2024.
- Created 193 promotional email campaigns with 1,012,137 sends, 254,931 opens, 19,138 clicks and an open rate of roughly 39%.
- Appeared at 118 building industry events drawing more than 8,000 event attendees.
- Responded to more than 2,200 questions through the Energy Code Ace help desk.
- Mentored and graduated first Plan Check Support Pilot cohort in collaboration with CABEC.[99]

Code Readiness Program (PGE21056)

Implementer: West Monroe Partners

The primary purpose of the Code Readiness program is to accelerate the achievement of state policy goals related to building and appliance energy efficiency, decarbonization, and grid harmonization through data acquisition and industry outreach. Technologies and market-disruptive systems that are expected to be installed in residential & non-residential buildings are tested and demonstrated with the aim of collecting high-quality information and data needed to support improvements to state and federal C&S building codes and appliance standards. The data collected includes but is not limited to test procedure

[98] These programs were launched following the California Public Utilities Commission-approved solicitations process and meet the third-party program definition as described in D.18-01-004.

[99] California Association of Building Energy Consultants https://cabec.org/.

representativeness, cost-effectiveness, feasibility, and compliance efficacy. In 2025, the program published five reports covering Thermal Load Management, Steam Trap Fault Detection Diagnostics, Industrial Heat Pumps, and Elevators, as well as development of the Strategic Roadmap. The Strategic Roadmap brought together representatives from the advocacy programs and other stakeholders to develop the roadmap for achieving our Codes and Standards goals over the next 10 years.

Codes and Standards Programs[100]

Decarbonization Support Program (PGE_CS_Decarb)

Implementer: Frontier Energy, Misti Bruceri and Associates, West Monroe Partners

This program is intended to provide technical support through data collection to inform state and national advocacy for appliances and buildings, and compliance with the resulting regulations aimed at decarbonizing the built environment. This includes support for regulations developed by the California Air Resources Board (CARB), CBSC, HCD, and other rulemaking agencies. The focus of PG&E's Decarbonization Support in 2025 was in transportation electrification, by supporting electric vehicle charging infrastructure measures in the California Green Building Standards (CALGreen). Due to limitations imposed by AB 130, the focus shifted from residential applications to non-residential building charging infrastructure.

Reach Codes Program (PGE21054)

Implementer: Frontier Energy, Misti Bruceri and Associates

The C&S Reach Codes Program supports local governments in adopting energy ordinances, known in California as 'reach codes,' that exceed the statewide Title 24 minimum requirements for new and existing buildings, additions, or alterations. In addition, the program supports development of ordinances that are not based upon a building permit application or activity, such as Time-of-Sale or Building Performance Standards. The program aims to facilitate the adoption process by addressing resource or expertise gaps in jurisdictions through: Conducting research and analyses to establish feasible, cost-effective performance levels relative to Title 24, Part 6 (Energy) and Part 11 (CALGreen) requirements by climate zone.

- Conducting research and analyses to establish feasible, cost-effective performance levels relative to Title 24, Part 6 (Energy) and Part 11 (CALGreen) requirements by climate zone.
- Drafting model ordinance language and resources to encourage consistency and minimize duplication.
- Facilitating inter-jurisdictional communication regarding potential impacts of state or federal changes on reach codes.
- Assisting with the application process for approval by the CEC and California Building Standards Commission (CBSC).
- Providing customized implementation support and resources to improve compliance once the requirements are effective.

[100] While these programs do not meet the third-party definition in D.18-01-004, each program is supported by third-party vendors.

In 2025, the program supported over 69 jurisdictions statewide with inquiries related to the reach code adoption process. Despite the uncertainty created by AB 130, 32 jurisdictions adopted approximately 42 energy-related policies in 2025. Local jurisdictions can adopt a reach code at any time. However, since the code is typically updated every three years, it is advisable to adopt early in the cycle to ensure the policy remains effective for a longer period.

Many jurisdictions continue to broaden the scope of reach codes options beyond improving building energy efficiency to include other energy-and emissions reductions strategies such as electric vehicle charging, Building Performance Standards, reducing embodied carbon, and water conservation.

The program expanded its support for jurisdictions to meet the increasing scope of local energy-related policies. The team created several resources to support existing 2022 code cycle ordinances as well as updating existing and creating new resources to support ordinances that reference the new 2025 code. In addition to resources that support specific policies, the team published information summarizing the 2025 code changes, a summary of the policy options and opportunities, model policy language and detailed instructions for obtaining state agency approvals. For more information and a list of adopted ordinances, visit the Local Energy Codes[101] website and the Cost Effectiveness Explorer policy creation tool.[102] The program continues to maintain both the https://localenergycodes.com and https://calgreeninfo.com web sites, to provide policy-related resources and track adoptions, and to support CALGreen access and implementation, including electric vehicle infrastructure and embodied carbon requirements.

Planning and Coordination Program (PGE21055)

Implementer: Energy Solutions, McHugh Energy Consultants, Misti Bruceri and Associates, NORESCO, West Monroe Partners, Yinsight

The planning element of this program includes long-term planning and scenario analyses, modeling of impacts from potential C&S segment activities relative to California policy goals and voluntary programs, development of business and implementation plans, updating the incremental measure costs for C&S measures, and maintenance of a C&S savings database consistent with evaluation protocols. The coordination element includes internal and external harmonization with other groups, including voluntary and workforce education and training EE programs; other PG&E program areas; and grid management.

Since codes and standards impact the entire state and almost all building types, occupancy categories, and related technologies, external harmonization activities include collaborating with: 1) CPUC, CEC, and CARB; 2) other IOUs, municipal utilities, and utilities in other states; 3) national advocates such as the Appliance Standards Awareness Project, Building Decarbonization Coalition, Natural Resources Defense Council, Northwest Energy Efficiency Alliance, Sierra Club, American Council for an Energy-Efficient Economy, National Consumer Law Center, Consumer Federation of America; 4) representatives of various manufacturing companies and industry groups such as the Association of Home Appliance Manufacturers, Consumer Technology Association, NEMA, Air-Conditioning, Heating and Refrigeration Institute, American Gas Association; 5) water utilities and local governments; and 6) other parts of the compliance improvement supply chain, including building inspectors, Title 24 consultants, Contractor State Licensing Board, and others.

[101] https://localenergycodes.com/

[102] https://explorer.localenergycodes.com/

Workforce Education and Training

PG&E's Workforce Education and Training (WE&T) Program's target audience includes the current and future energy workforce that designs, builds, operates, and maintains buildings and building systems. Through hundreds of classes offered annually and in support of PG&E's and California's energy efficiency and carbon-reduction goals, WE&T provides essential information and skills to eliminate unnecessary energy use and to electrify and decarbonize homes and nonresidential buildings.

PG&E continued to demonstrate leadership in the local, state, and national EE workforce arenas in 2025. While implementing the local WE&T program (Integrated Energy Education & Training, or IEET) and administering the Statewide WE&T programs (Career & Workforce Readiness and Career Connections), PG&E also collaborated with and provided technical advice to educational institutions, professional organizations, and building trades training programs.

Table 6. 2025 WE&T Accomplishments

Metric/Deliverable	Quantity
Formal Collaborations with other organizations*	17
Total Class Attendance*	16,652
Class participants as a percent of eligible target population*	2.59
Percent of participants meeting the definition of Disadvantaged Worker[103]*	50.9
Number of Classes	792
Tool Lending Library (TLL) Transactions	321
Tool Lending Library Tools Loaned	3,754
Tool Lending Library Projects Supported	255

*Formal WE&T Business Plan Metric

[103] D.18-10-008 defines a disadvantaged worker as "an individual that meets at least one of the following criteria: lives in a household where total income is below 50 percent of Area Median Income; is a recipient of public assistance; lacks a high school diploma or GED; has previous history of incarceration lasting one year or more following a conviction under the criminal justice system; is a custodial single parent; is chronically unemployed; has been aged out or emancipated from the foster care system; has limited English proficiency; or lives in a high unemployment ZIP code that is in the top 25 percent of only the unemployment indicator of the CalEnviroScreen Tool."

Key Initiatives and Notable Changes

Supporting Electrification Readiness

As California and PG&E move forward with electrification goals and as our target audience has been requesting additional information about how to electrify and decarbonize buildings, classes focused on electrification and decarbonization became increasingly important and relevant to the WE&T audience. In 2025, over 64 percent of PG&E's training focused on electrification topics, including heat pump water heaters, induction cooking, heat pump space conditioning, battery storage, and grid integration. In 2026, WE&T will continue to offer such classes and develop new ones to address the rapidly-changing landscape and customers' need for information on how to electrify and decarbonize buildings.

PG&E provided 18 induction cooking demonstrations across our territory to chefs, restaurant owners, designers, commercial foodservice establishments, and residential customers. These demos allowed customers to see or try a residential or full-size commercial induction stove and to learn about the benefits of induction cooking and kitchen decarbonization.

Furthermore, PG&E operated a no-cost Induction Cooktop Loaner Program (ICLP), which gives PG&E customers the opportunity to try an induction cooktop at their homes and businesses. Through the ICLP, customers have two weeks to try a countertop induction cooktop and provide PG&E with their impressions of induction cooking before and after the loan period. In 2025, 517 PG&E customers borrowed an induction cooktop.

PG&E collaborated with Emerald Cities Collaborative (ECC) and Marin Clean Energy (MCE) to offer ECC's E-Contractor Academy (ECA) in Concord, CA. ECA is a building electrification workshop series for minority, women, veteran-owned and/or disadvantaged (MWVDBE) building trades small businesses. ECA provided technical training and professional resources for participants to do business in climate-critical decarbonization fields such as building electrification and energy efficiency. PG&E provided subject matter expert instructors on various aspects of building electrification, energy efficiency, and decarbonization. Eighteen people enrolled and participated in the Academy. Participants were from the inner and outer Bay Area, and from various professions, including general contractors, HVAC contractors, plumbing contractors, electrical contractors, and energy advisors.

Supporting the Energy Savings Assistance (ESA) Program

PG&E's WE&T program continued to support PG&E's Energy Savings Assistance (ESA)[104] Program by offering a blended learning experience comprised of on-demand (self-paced), webinar, and in-person training for ESA's Energy Specialist, Weatherization Specialist, and Natural Gas Appliance Testing Technician roles. PG&E continued to deliver training safely through the Train-the-Trainer model, thus reducing and optimizing the time and travel costs associated with ESA contractor training. This delivery method results in reduced cost to rate payers with increased flexibility of training schedules for contractors by streamlining the training processes and converting webinars to hybrid on-demand courses with in-person practical training led by subject matter experts and experienced instructors.

Expanding Program Reach through Collaborations

PG&E collaborated with professional, trade, and workforce development organizations that share common workforce goals, including safety, energy efficiency, electrification, and a highly skilled energy workforce.

In 2025, PG&E collaborated with various organizations to reach additional and new members of the energy workforce, including:

- Supporting faculty and staff at fifteen higher educational institutions with curriculum and training resources for energy efficiency training and energy projects support through Energize Colleges.
- Providing students at seven higher educational institutions with energy efficiency and soft skills training, internships, and sustainability outreach campaigns through Energize Colleges.
- Partnering with other IOUs to support the 2024 co-funded Architecture at Zero design competitions, which promoted decarbonization, equity and resilience awareness and provides an educational opportunity for students and professionals.
- Leveraging PG&E's specialized training facilities to deliver training for weatherization contractors with the California Department of Community Services & Development (CSD) and its implementer Richard Heath & Associates (RHA). In 2025, this collaboration resulted in 16 training sessions including 4 five-day Combustion Appliance Safety and 4 four-day Duct and Shell trainings reaching approximately 75 participants.
- Working with Emerald Cities Collaborative and Marin Clean Energy on the E-Contractor Academy to coordinate and deliver electrification training for small and diverse contractors, increasing awareness, technical knowledge, and business readiness to support California's clean energy and decarbonization goals.
- Providing training content for the US Army Corps of Engineers' Construction Engineering Research Laboratory (CERL) on topics related to building commissioning, HVAC principles, and energy calculations.
- Providing recommendations by a Learning Strategist and Instructional Designer to enhance curriculum development and technical training delivery for Institute of Heating and Air Conditioning Industries, Inc[105].
- Supporting the New Building Institute (NBI) in the delivery of a set of live training sessions on heat pump water heater features and installations at the Pipe Trades Training Center in San José.
- Providing four hands-on tool trainings to United Education Institute[106] College to supplement their classroom HVAC training with hands-on experience using the tools of the trade.

[104] PG&E's ESA program offers income qualified homeowners and renters with free appliance upgrades and home repairs. https://www.pge.com/en/save-energy-and-money/energy-saving-programs/energy-savings-assistance-program.html

[105] https://www.ihaci.org/

[106] https://www.uei.edu/

- Engaging International Union of Operating Engineers Stationary Engineers at Local 39[107] by offering a free webinar-based training on Advanced Concepts in Designing and Retrofitting Energy-Efficient Data Centers to help apprentices build industry-relevant expertise.

- Piloting an on-campus induction cooktop loaner library at Castlemont High School in Oakland, CA that allows students to borrow and use induction kits at home, increasing awareness of induction cooking and its health and energy benefits for students and their families.

- Expanding electrification and energy-efficiency training by pairing PG&E's training platforms and workforce infrastructure with Revalue.io's[108] community-based recruitment, contractor engagement, and training delivery to strengthen workforce pipelines and contractor capacity.

- Working with US Green Building Council (USGBC) California to support their Green Building Conference. Curated 40 educational sessions to prepare California's workforce to meet energy efficiency and electrification goals, reaching approximately 1600 attendees.

- Providing resources to support delivery of six training modules presented by TRC on all-electric homes. These on-demand videos served as a comprehensive guide to home electrification for building professionals, homeowners, and industry leaders.

- Producing four technical training modules for Lawrence Berkeley National Laboratory to support adoption of energy management systems using the US Department of Energy's 50001 Ready training framework.

- Hosting National Comfort Institute (NCI) for four HVAC trainings for contractors and technicians who install heat pump HVAC systems. Providing information regarding PG&E tool lending resources to support HVAC work.

- Partnering with the North American Sustainable Refrigeration Council for delivery of a 3-day technical training session for HVAC contractors and technicians.

Expanding Program Reach through Targeted Marketing

PG&E's WE&T IEET Programs continued to refine and enhance marketing efforts with an increased emphasis on multiple marketing channels including email promotions, quarterly newsletters, partner organizations, and social media advertising. In 2025, PG&E also focused on marketing for disadvantaged workers and San José's workforce and initiated targeted marketing efforts to reach these students. Examples of these initiatives included paid social media advertising, partner organization advertising, and Google ads targeting high unemployment ZIP codes that are in the top 25 percent of the CalEnviroScreen Tool's[109] unemployment indicator. Each month, welcome emails were sent to familiarize new users, including tool lending library borrowers, with available electrification and energy efficiency resources provided by WE&T. In addition, WE&T marketed training and other resources to ESA training participants via email campaigns and newsletters. WE&T included content in PG&E customer SMB and Trade Pro newsletters throughout the year.

[107] https://www.local39.org/

[108] Revalue.io focus is to: 1) remediate home health hazards or code violations in low-income West Oakland households through electrification, and 2) provide training to contractors and apprentices to improve the diversity of the local HVAC workforce. Link: https://techcleanca.com/quick-start-grants/2021-quick-start-grant-recipients/revalue/

[109] https://oehha.ca.gov/calenviroscreen

In 2025, PG&E issued a competitive solicitation for a new Statewide WE&T Career & Workforce Readiness (CWR) program that is expected to launch in 2026. The current CWR Program will continue its ramp down and close-out in 2026.

Looking Ahead

PG&E's WE&T Programs support PG&E's goal to help customers reduce energy use, which will help PG&E optimize delivery of TSB and reduce GHG emissions to support carbon neutrality by 2045. PG&E plans to continue its WE&T work in 2024-2027 with three goals and strategies outlined in the PG&E Energy Efficiency 2024-2027 Portfolio Plan: continuing to provide energy efficiency, electrification, and decarbonization training that contributes to developing a highly skilled energy workforce; enabling PG&E and California to achieve their energy efficiency savings and decarbonization goals; and being a valued partner that is integrated into PG&E's communities and energy workforce professions. To accomplish these goals, PG&E intends to use three strategies: aligning with the WE&T audience, training for the future, and building and maintaining collaborative relationships that prioritize and support Disadvantaged Workers. To successfully implement these strategies, PG&E will work closely with stakeholders to regularly update programs and strategies to address changing needs and emerging trends impacting California's energy workforce.

In 2026, WE&T will continue to offer electrification and decarbonization classes and develop new ones to address the rapidly changing landscape and customers' need for information on how to electrify and decarbonize buildings. A catalog of current electrification classes is available on the PG&E electrification class catalog.[110]

Workforce Education and Training Programs

Integrated Energy Education & Training (IEET), (PGE21071)

The Integrated Energy Education & Training (IEET) Program serves the incumbent energy efficiency workforce—people who design, build, maintain, or operate buildings and building systems—across several market segments, including agriculture, food service, commercial, industrial, and residential. IEET typically provides in-person and web-based education and training programs, outreach events, and energy measurement tool loans.

Statewide[111] Third-Party WE&T Programs[112]

PG&E leads two statewide Third-Party WE&T Programs—Career Connections (CC) and Career & Workforce Readiness (CWR)—both of which launched in June 2021.

Career Connections: Energy is Everything (PGE_SW_WET_CC)

Implementer: The Energy Coalition (TEC)

The statewide Career Connections third-party "Energy is Everything" (EisE) Program helps to build the next generation of energy workers. EisE provides kindergarten through twelfth grade students with the knowledge,

[110] http://www.pge.com/electrificationclasses

[111] Statewide Programs are identified in D.18-05-041, and more thoroughly reported on in the Statewide Sector Narrative of this report.

[112] These programs were launched following the Commission-approved solicitations process and meet the third-party program definition as described in Decision 18-01-004.

skills, and abilities they need for college and career opportunities in the energy industry and motivates students to adopt pro-environmental behaviors. EisE incorporates career concepts for all learners, since early exposure to career options increases the chances of students pursuing and securing high-demand energy and STEM careers. Education providers targeted will primarily focus on those classified as "disadvantaged." In 2025, 40,088 students were enrolled in the EisE Program and completed 159,783 hours of instruction and training. Forty-four partnerships were established and supported outreach to participants, including 285 educators, across 243 California K-12 schools and, out-of-school time and after school programs.

Career and Workforce Readiness: Energize Careers (PGE_SW_WET_Work)

Implementer: Strategic Energy Innovations (SEI)

The Energize Careers program aims to create a diverse and representational energy workforce through the economic empowerment of people who experience personal or systemic barriers to entering and remaining in the energy workforce. Energize Careers assists program participants in accessing technical training and energy career opportunities. It provides holistic services to support disadvantaged workers through technical training, job placement, and wrap-around service support. Energize Careers also collaborates with pre-apprenticeship programs, apprenticeship programs, community-based training organizations, and community colleges to provide technical energy job training to disadvantaged workers. The program also collaborates with wrap-around service providers and industry partners to provide participants with services and support to enter career pathways where they can leverage their energy efficiency knowledge and skills.

Through 2025, Energize Careers has established 18 collaborations with training partners and wraparound service providers, enrolled 1,045 participants in technical training programs, and placed 701 program participants in jobs. Additionally, 475 program participants reached their final program milestone of remaining employed for 12 months in jobs where they are using the knowledge and skills they acquired.

In 2025, PG&E issued a competitive solicitation for a new Statewide WE&T Career & Workforce Readiness (CWR) program that is expected to launch before the end of 2026. The current CWR Program, Energize Careers, will continue its ramp down and close-out in 2026.

REN and CCA Coordination

In 2025, PG&E continued coordination efforts with the Regional Energy Networks (RENs) and Community Choice Aggregators (CCAs) to prevent EE program duplication and optimize the customer experience and use of ratepayer resources. As of this filing, PG&E coordinates with the following RENs and CCAs.[113]

CCAs: Marin Clean Energy (MCE), Ava Community Energy, CleanPowerSF, Sonoma Clean Power, Peninsula Clean Energy, San Jose Clean Energy

RENs: BayREN, 3C-REN, Central California Rural Regional Energy Network (CCR REN) and Northern California Rural Regional Energy Network (NREN).[114]

In compliance with Resolution E-5400,[115] PG&E and the Rural RENs (CCR REN and NREN) are exploring and developing coordination procedures for PG&E Energy Savings Assistance (ESA) Programs and CCR REN and NREN Residential EE Programs. This includes regularly scheduled program coordination calls, double dip prevention procedures, and customer referral processes.

Key Initiatives

A number of important policy initiatives were ordered by the CPUC by Decision 23-06-055, which approved the PAs' business plan funding application for 2024-2027. These policy initiatives required the PAs to collaborate in some form, and coordination was accomplished in monthly All-PA meetings, or specific scheduled meetings. A brief discussion of these policy initiatives follow, including next steps for each.

- **Statewide Program Assessment:** OP 2[116] of D.23-06-055 required the PAs to "coordinate among themselves" in order to "propose a statewide program portfolio assessment process." To this end, PG&E led an all-PA working group in late 2025/early 2026 to collaborate and refine a proposal[117] that was filed by PG&E as a report in its recent Business Plan Application (A.26-03-017).[118] The proposal is based on a "gating" process that leverages questions to guide the reviewer in assessing a program's characteristics. The working group identified a number of policy issues, which will most likely require additional development (See Appendix A of the report). Finally, each PA was polled with respect to their position on the report and had the ability to further address in its Business Plan Application.

[113] CPUC Energy Efficiency Policy Manual, Section III.2: https://www.cpuc.ca.gov/-/media/cpuc-website/divisions/energy-division/documents/energy-efficiency/eepolicymanualrevised-march-20-2020-b.pdf

[114] D. 23-06-055 states R-REN should submit three separate JCMs, as follows: A JCM between PG&E and NREN (North Coast). A JCM between PG&E, 3C-REN, and R-REN (Central Coast); and a JCM between PG&E, SCE, SoCalGas, SoCalREN, and R-REN (San Joaquin Valley and High Sierra).

[115] Resolution E-5400

[116] The portfolio administrators (PAs) must coordinate among themselves and propose a statewide program portfolio assessment process to review and recommend changes to the portfolio of statewide programs. This proposed assessment process shall be included in the PAs' portfolio applications to be filed in 2026 or may be filed as a motion in Rulemaking 13-11-005 or its successor, if the proposal is ready before the next portfolio application filing.

[117] The initial proposal outline was originally ideated by a smaller working group of IOUs, and then brought to the broader All-PA team in order to further develop..

[118] PG&E's BPA Testimony, Chapter 5, pp. 5-20 to 5-22 with the report in Attachment A.

PG&E anticipates the CPUC will provide additional guidance on OP 2 in the decision approving the business plans in 2027.

- **Demographic Information:** OP 23 of D.23-06-055[119] called for the PAs to coordinate with the Reporting Policy Coordination Group (PCG) to file a report.[120] This report was intended to address specific demographic questions from the Decision with the goal of advancing preferred options for reporting demographic data as set forth by each PA's business plan filing on March 16, 2026.[121] Consistent with the business plan , PG&E's preferred approach to regular reporting on demographic EE program participation data is annual for metrics and quarterly for claims related data. PG&E will determine when it begins reporting demographic data based on the outcome of the business plan decision expected in 2027 and in collaboration with the Reporting PCG on the appropriate structure.

- **Community Engagement Indicators:** OP 24[122] of D.23-06-055 requested community engagement indicators (CEIs) be developed and filed with the PAs' Mid-Cycle Advice Letters (MCAL) filings.[123] PG&E included the results of an externally facilitated process, which involved all PAs, in its MCAL. PG&E anticipates including CEI reporting in its Annual Report to be filed in 2028 covering program year 2027.

- **Goal Setting Process:** The first portion of OP 25[124] of D.23-06-055 stipulates that the PAs select a single PA to hire a vendor(s) to conduct a study to set goals for the market support and equity segment indicators. PG&E was the selected PA, who engaged a facilitator entity to assist in development of a joint-proposal that identified several goal constructs that could be used to advance adoption for long-term market support and equity goals. These goal constructs were filed via a Tier 3 Advice Letter on August 1, 2025.[125] This AL was suspended and the CPUC subsequently requested the submission of a joint supplemental filing by July 24, 2026.

[119] Portfolio administrators shall work with the Reporting Policy Coordination Group to jointly submit a report addressing the demographic questions in Section 7.7 of this decision by no later than September 1, 2025. Based on analysis included in the report, the portfolio administrators shall propose, in their next portfolio proposals due in 2026, their preferred approaches to regular reporting of demographic energy efficiency program participation information.

[120] PG&E's Reporting PCG's Demographic Data Working Group Final Report, PG&E (August 6, 2025). Available at: http://pgera.azurewebsites.net/Regulation/ValidateDocAccess?docID=837946

[121] PG&E BPA Testimony, Chapter 3, pp. 3-20 to 3-21.

[122] Portfolio administrators shall develop indicators to measure community engagement and should include them in their Mid-Cycle advice letters in 2025. After the advice letters are addressed by the Commission, the portfolio administrators shall report on the adopted community engagement indicators in their annual reports.

[123] PG&E's AL 5141-G/7752-E filed November 4, 2025 (GAS_5141-G.pdf). See Attachment B of filing. The MCAL was originally approved by the CPUC via disposition letter dated March 25, 2026.

[124] The portfolio administrators (PAs) shall set aside at least $1 million from their collective evaluation, measurement, and verification (EM&V) budgets and shall select one PA from among them to hire a vendor or

[125] PG&E's AL 5095-G/7664-E filed August 1, 2025 (GAS_5095-G.pdf). The original due date of March 1, 2025 was extended by the CPUC due to a tie-in to the OP 11 Advice Filing (Advice Letter 4438-E/3299-G, et. al., submitted by SDG&E), which also faced a delay in its approval.

Looking Ahead

In March 2026, Peninsula Clean Energy submitted its EE Application to become an Apply to Administer CCA. PG&E is currently in the process of creating a JCM with PCE and will file in 2026. In addition to updating its other six JCMs with other RENs and CCAs.

Program coordination activities among PG&E, the RENs, and the CCAs (i.e., Joint PAs) included the following:

- **Program coordination calls and other communications:** The purpose of these regular calls and other communications was to ensure that Joint PA EE and ESA programs are complementary and nonduplicative, to provide updates on marketing and outreach activities, to identify opportunities for collaboration, and to provide updates on new programs and program changes.
- **Joint Cooperation Memos (JCMs):** In compliance with CPUC Decisions (D.) 18-05-041, D. 21-05-031, and D.23-06-055, Joint PAs with overlapping service areas are required to submit JCMs to coordinate EE and ESA program activities. PG&E submitted 2024-2026 JCMs with NREN, CCR REN, and a 2026 JCM with Ava Community Energy. These JCMs documented areas of potential EE and ESA program overlap by sector, with details about collaboration methods used to mitigate customer confusion, streamline customer handoffs, and avoid duplication. JCMs are filed publicly on CEDARs.[126]
- **Data sharing and double dipping[127] prevention:** PG&E has data governance and protection obligations for sharing customer data. When requested, PG&E will share data for double-dip check purposes and for supporting REN and CCA programs. Strict data security and privacy protocols must be completed by the party seeking data before PG&E will share any customer data.
- **Customer referrals:** Through PG&E program resources (like guide.pge.com) and other Joint PA resources, the Joint PAs derive additional value by providing information and referrals to programs across all program implementers, including those outside each other's implementation focus. The Joint PAs have agreed upon referral protocols to make hand-offs seamless and increase participant engagement.

[126] https://cedars.cpuc.ca.gov/documents/standalone/list/

[127] Double dipping is when customers obtain incentives for the same energy efficiency program measure or projects from more than one program.

Tables and Appendices

Many tables that were previously in PG&E's annual report excel appendix are now available inside a new PowerBI Dashboard within the California Energy Data and Reporting System (CEDARS). The dashboard includes dynamic showings of goal achievement, total system benefit, cost effectiveness, energy savings, and environmental impacts. Additionally, comparisons between budget forecasts and claims and measure level details can be viewed. The dashboard can be accessed at https://cedars.cpuc.ca.gov/reports/portfolio-metrics/.

Section 1 Program Data

Table 1

All EE programs and associated budget, expenditures, cost-effectiveness, and savings data can be found in the "PGE.AnnualExcel.2025.1.xlsx" spreadsheet, under Tab "T-1 Program Data". The spreadsheet can be accessed on the CPUC's CEDARS website at: https://cedars.cpuc.ca.gov/documents/standalone/list/

Section 2 Bill Impacts

Table 2-1

All data for bill savings calculations can be found in the "PGE.AnnualExcel.2025.1.xlsx" spreadsheet, under Tab "T-5 Bill Impacts". The spreadsheet can be accessed on the CPUC's California Energy Data and Reporting System (CEDARS) website at: https://cedars.cpuc.ca.gov/documents/standalone/list/.

Table 2-2:

T 2-2 2025 Estimated Bill Savings

	Electric Average Rate $/kWh	Gas Average Rate $/therm	Estimated First Year Bill Savings ($)	Estimated Lifecycle Bill Savings ($)
Estimated Rate Agriculture	$0.3892	$0.5360	$9,851,025	$75,011,735
Estimated Rate Commercial	$0.3834	$1.8910	$15,544,049	$179,059,269
Estimated Rate Industrial	$0.2226	$0.5360	$24,174,427	$127,182,016
Estimated Rate Public	$0.3834	$1.8910	$3,689,557	$26,381,868
Estimated Rate Residential	$0.3566	$2.8270	$121,114,625	$140,518,348
Estimated Cross-Cutting	$0.3478	$1.0699	$416,971,353	$5,706,891,613
Total			$591,345,036	$6,255,044,848

NOTE: The table above is only a portion of the full data set provided to highlight key information and ensure a readable format for in this report, the full data set can be found in the "PGE.AnnualExcel.2025.1.xlsx" spreadsheet, under Tab "T-5 Bill Impacts". This spreadsheet can be accessed on the CPUC's California Energy Data and Reporting System (CEDARS) website at: https://cedars.cpuc.ca.gov/documents/standalone/list/

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

1. Estimated first year electric bill savings is calculated by multiplying an Estimated electric rate (as of 12/31/25) with first year net kWh energy savings.
2. Estimated first year gas bill savings is calculated by multiplying an Estimated gas rate (as of 12/31/25) with first year net therm energy savings. Gas rate reflects the annual Estimated residential bundled rate for 2025
3. Total Estimated first year bill savings is the sum of Notes 1 and 2.
4. Estimated lifecycle electric bill savings is calculated by multiplying an Estimated electric rate with lifecycle net kWh energy savings.
5. Estimated lifecycle gas bill savings is calculated by multiplying an Estimated gas rate with lifecycle net therm energy savings.
6. Total Estimated lifecycle bill savings is the sum of Notes 4 and 5.
7. Total Estimated Bill Savings by Year and Lifecycle Bill Savings include C&S net savings and net lifecycle savings respectively; and includes AVA, BayREN, CCR REN, RREN, MCE, 3C-REN, and PCE savings; excludes ESA Program.

Section 3 Programs & Expenditures

Table 3

T-3 Commitments Made in the Past Year with Expected Implementation after December 2025

2024-2027 Commitments Made in the Past Year with Expected Implementation after December 2025 (24-27 BPA)				
	Committed Funds	**Expected Energy Savings**		
2024-2027	**$**	**GWh**	**MW**	**MMTherms**
Resource	**$26,082,184.00**	**20.99**	**1.76**	**15.19**
Non-Resource	**N/A**	**N/A**	**N/A**	**N/A**
Codes & Standards	**N/A**	**N/A**	**N/A**	**N/A**
PG&E Total	**$26,082,184.00**	**20.99**	**1.76**	**15.19**

NOTE: The table above is only a portion of the full data set to ensure a readable format for this report, the full table can be found in the "PGE.AnnualExcel.2025.1.xlsx" spreadsheet, under Tab "T-3 Commitments". This spreadsheet can be accessed on the CPUC's California Energy Data and Reporting System (CEDARS) website at: https://cedars.cpuc.ca.gov/documents/standalone/list/

1. All energy savings numbers are on a net basis.
2. Committed Funds for 2025 include incentives related to PG&E EE projects committed in prior year(s) but not yet completed as of December 2025.

Section 4 Cap and Target Expenditures

Table 4

The 2025 Energy Efficiency Cap and Target Expenditure Report can be found in the "PGE.AnnualExcel.2025.1.xlsx" spreadsheet, under Tab "T-4 Cap&Target". The spreadsheet can be accessed on the CPUC's CEDARS website at: https://cedars.cpuc.ca.gov/documents/standalone/list/

Section 5 Metrics

Table 5

Due to non-standard formats, Program Administrators will use the same table they submitted for their 2024 report. This information can be found in the "PGE.AnnualExcel.2025.1.xlsx" spreadsheet, under Tab "T-5 BP Metrics". The spreadsheet can be accessed on the CPUC's CEDARS website at: https://cedars.cpuc.ca.gov/documents/standalone/list/

Section 6 Third-Party and Statewide Calculations

Table 6

Reporting on Local Program Third-Party Budgets, Statewide Programs Third-Party Budgets, Assembly Bill 841 Budget, Annual Budgets, Third-Party Outsourcing Compliance, and Statewide Budget Compliance can be found in the "PGE.AnnualExcel.2025.1.xlsx" spreadsheet, under Tab "T-6 3P Calculation". The spreadsheet can be accessed on the CPUC's CEDARS website at: https://cedars.cpuc.ca.gov/documents/standalone/list/

Section 7 Third-Party Contract Info

Table 7

Reporting on PG&E third-party contract details can be found in the "PGE.AnnualExcel.2025.1.xlsx" spreadsheet, under Tab "T-7 3P Contract Info". The spreadsheet can be accessed on the CPUC's CEDARS website at: https://cedars.cpuc.ca.gov/documents/standalone/list/

Section 8 PG&E's Marketplace Metrics

Table 8

On December 21, 2017, as directed in ordering paragraph (OP) 1c of Resolution E-4820, PG&E proposed to the Energy Division a format and schedule for reporting the targets for Energy Management Technology (EMT) related activities. PG&E proposed metrics for the Marketplace program that focus on the relevant sections of the platform for Assembly Bill 793 (AB 793) and EMTs. These are standard marketing industry accepted website metrics.

All Marketplace reporting data can be found in the "PGE.AnnualExcel.2025.1.xlsx" spreadsheet, under Tab "T-8 PG&E Marketplace Metrics." The spreadsheet can be accessed on the CPUC's CEDARS website at: https://cedars.cpuc.ca.gov/documents/standalone/list/

Appendix A PG&E Program ID Numbers

Program ID	Program Name
PGE_Ag_001	Agricultural Efficiency Program
PGE_Com_001	Grocery Efficiency Program
PGE_Com_002	Laboratory Performance Efficiency Program
PGE_Com_003	Commercial Efficiency Program
PGE_Com_004	High Tech and Bio Tech Efficiency Program
PGE_Com_005	Healthcare Efficiency Program
PGE_Com_006	Summer Reliability Platform Administrator Placeholder
PGE_Com_007	Commercial Behavioral Program
PGE_Com_009	Commercial Strategic Energy Management
PGE_Com_SmallBiz	Micro and Small Business Program
PGE_CS_Decarb	C&S Decarbonization Support
PGE_CS_GRC_Overheads	GRC Labor Loaders - Codes and Standards
PGE_CS_PortfolioSupport	Codes & Standards Portfolio Support PA Costs
PGE_EMV_001	PGE EM&V
PGE_EMV_002	CPUC EM&V
PGE_Equity_GRC_Overheads	GRC Labor Loaders - Equity
PGE_Equity_PortfolioSupport	Equity Portfolio Support PA Costs
PGE_Ind_001a	Industrial Strategic Energy Management - Food Processing
PGE_Ind_001b	Industrial Strategic Energy Management - Manufacturing
PGE_Ind_002	Petroleum and Chemical Efficiency Program
PGE_Ind_003	Manufacturing and Food Processing Efficiency Program
PGE_LoanPool	Financing Loan Pool Addition
PGE_MS_GRC_Overheads	GRC Labor Loaders - Market Support
PGE_MS_PortfolioSupport	Market Support Portfolio Support PA Costs
PGE_OBFAP	On-Bill Financing Alternative Pathway
PGE_OtherPA_Admin	IOU REN/CCA Admin Costs
PGE_Portfolio_Oversight	ED Portfolio Oversight
PGE_Pub_001	Central Coast Local Government Partnership
PGE_Pub_002	Marin Local Government Partnership
PGE_Pub_003	Redwood Local Government Partnership
PGE_Pub_004	Central California Local Government Partnership
PGE_Pub_005	San Mateo Local Government Partnership
PGE_Pub_007	Sierra Local Government Partnership
PGE_Pub_008	Sonoma Local Government Partnership
PGE_Pub_009	Government and K-12 Comprehensive Program
PGE_Pub_010	Wastewater Process Efficiency Program
PGE_RA_GRC_Overheads	GRC Labor Loaders - Resource Acquisition
PGE_RA_PortfolioSupport	Resource Acquisition Portfolio Support PA Costs
PGE_Res_001a	Pay for Performance - Comfortable Home Rebates

PGE_Res_001b	Virtual Energy Audit Program
PGE_Res_001d	Pay for Performance - Home Energy Optimization
PGE_Res_002a	Universal Audit Tool Program
PGE_Res_002d	Residential Behavioral Program
PGE_Res_002e	Online Marketplace Program
PGE_Res_003	Multifamily Program
PGE_Res_004a	Powerful Neighborhood ZE
PGE_Res_004b	Electrify My Block
PGE_Res_005	Residential Equity Program - Empower My Home
PGE_Res_006	Residential Customer Energy Orchestration
PGE_SW_CSA_Appl	State Appliance Standards Advocacy
PGE_SW_CSA_Appl_PA	State Appliance Standards Advocacy - PGE Costs
PGE_SW_CSA_Bldg	State Building Codes Advocacy
PGE_SW_CSA_Bldg_PA	State Building Codes Advocacy - PGE Costs
PGE_SW_CSA_Natl	National Codes & Standards Advocacy
PGE_SW_CSA_Natl_PA	National Codes & Standards Advocacy - PGE Costs
PGE_SW_ETP_Elec	Emerging Technologies Program, Electric
PGE_SW_ETP_Elec_PA	Emerging Technologies Program, Electric - PGE Costs
PGE_SW_ETP_Gas	Emerging Technologies Program, Gas
PGE_SW_ETP_Gas_PA	Emerging Technologies Program, Gas - PGE Costs
PGE_SW_FS	Food Service POS
PGE_SW_FS_PA	Food Service POS - PGE Costs
PGE_SW_HVAC_QIQM	Statewide Residential QI/QM
PGE_SW_HVAC_QIQM_PA	Statewide Residential QI/QM - PGE Costs
PGE_SW_HVAC_Up_Com	SW HVAC Upstream Commercial
PGE_SW_HVAC_Up_Com_PA	SW HVAC Upstream Commercial - PGE Costs
PGE_SW_HVAC_Up_Res	SW HVAC Upstream Residential
PGE_SW_IP_Colleges	Institutional Partnerships, UC/CSU/CCC
PGE_SW_IP_Colleges_PA	Institutional Partnerships, UC/CSU/CCC - PGE Costs
PGE_SW_IP_Gov	Institutional Partnerships: DGS and DoC
PGE_SW_IP_Gov_PA	Institutional Partnerships: DGS and DoC - PGE Costs
PGE_SW_MCWH	Midstream Comm Water Heating
PGE_SW_MCWH_PA	Midstream Comm Water Heating - PGE Costs
PGE_SW_NC_NonRes_Ag_electric	SW New Construction NonRes Ag - All Electric
PGE_SW_NC_NonRes_Ag_electric_PA	SW New Construction NonRes Ag - All Electric - PGE Costs
PGE_SW_NC_NonRes_Ag_mixed	SW New Construction NonRes Ag - Mixed Fuel
PGE_SW_NC_NonRes_Ag_mixed_PA	SW New Construction NonRes Ag - Mixed Fuel - PGE Costs
PGE_SW_NC_NonRes_Com_electric	SW New Construction NonRes Com - All Electric
PGE_SW_NC_NonRes_Com_electric_PA	SW New Construction NonRes Com - All Electric - PGE Costs
PGE_SW_NC_NonRes_Com_mixed	SW New Construction NonRes Com - Mixed Fuel
PGE_SW_NC_NonRes_Com_mixed_PA	SW New Construction NonRes Com - Mixed Fuel - PGE Costs
PGE_SW_NC_NonRes_Ind_electric	SW New Construction NonRes Ind - All Electric

PGE_SW_NC_NonRes_Ind_electric_PA	SW New Construction NonRes Ind - All Electric - PGE Costs
PGE_SW_NC_NonRes_Ind_mixed	SW New Construction NonRes Ind - Mixed Fuel
PGE_SW_NC_NonRes_Ind_mixed_PA	SW New Construction NonRes Ind - Mixed Fuel - PGE Costs
PGE_SW_NC_NonRes_Pub_electric	SW New Construction NonRes Public - All Electric
PGE_SW_NC_NonRes_Pub_electric_PA	SW New Construction NonRes Public - All Electric - PGE Costs
PGE_SW_NC_NonRes_Pub_mixed	SW New Construction NonRes Public - Mixed Fuel
PGE_SW_NC_NonRes_Pub_mixed_PA	SW New Construction NonRes Public - Mixed Fuel - PGE Costs
PGE_SW_NC_NonRes_Res_electric	SW New Construction NonRes Res - All Electric
PGE_SW_NC_NonRes_Res_electric_PA	SW New Construction NonRes Res - All Electric - PGE Costs
PGE_SW_NC_NonRes_Res_mixed	SW New Construction NonRes Res - Mixed Fuel
PGE_SW_NC_NonRes_Res_mixed_PA	SW New Construction NonRes Res - Mixed Fuel - PGE Costs
PGE_SW_NC_Res_electric	SW New Construction Res - All Electric
PGE_SW_NC_Res_electric_PA	SW New Construction Res - All Electric - PGE Costs
PGE_SW_NC_Res_mixed_PA	SW New Construction Res - Mixed Fuel - PGE Costs
PGE_SW_PLA	Plug Load and Appliance
PGE_SW_PLA_PA	Plug Load and Appliance - PGE Costs
PGE_SW_UL_PA	Lighting (Upstream) - PGE Costs
PGE_SW_WET_CC	WET Career Connections
PGE_SW_WET_CC_PA	WET Career Connections - PGE Costs
PGE_SW_WET_Work	WET Career and Workforce Readiness
PGE_SW_WET_Work_PA	WET Career and Workforce Readiness - PGE Costs
PGE_SW_WP	Water/wastewater Pumping
PGE_SW_WP_PA	Water/wastewater Pumping - PGE Costs
PGE21002	Residential Energy Efficiency
PGE21011	Commercial Calculated Incentives
PGE21012	Commercial Deemed Incentives
PGE21014	Commercial Energy Advisor
PGE21015	Commercial HVAC
PGE21021	Industrial Calculated Incentives
PGE210212	Compressed Air and Vacuum Optimization Program
PGE21022	Industrial Deemed Incentives
PGE21024	Industrial Energy Advisor
PGE21031	Agricultural Calculated Incentives
PGE21032	Agricultural Deemed Incentives
PGE21034	Agricultural Energy Advisor
PGE21053	Compliance Improvement
PGE21054	Reach Codes
PGE21055	Planning and Coordination
PGE21056	Code Readiness
PGE21061	Technology Development Support
PGE21062	Technology Assessments
PGE21063	Technology Introduction Support

PGE21071	WE&T Integrated Energy Education and Training
PGE2110011	California Community Colleges
PGE2110012	University of California/California State University
PGE2110013	State of California
PGE2110051	Local Government Energy Action Resources (LGEAR)

All EE programs and associated budget, expenditures, cost-effectiveness, and savings data can be found in the CEDARS PowerBI dashboard, which can be accessed at https://cedars.cpuc.ca.gov/reports/portfolio-metrics/, and the CEDARS claims filing dashboard, which can be accessed at https://cedars.cpuc.ca.gov/claims/confirmed-dashboard/PGE/programs/.

Appendix B Regulatory Decisions, Rulings, and Advice Letters

EE Rulemaking Phase I

In 2014, the Commission completed Phase I of the *Order Instituting Rulemaking Concerning Energy Efficiency Rolling Portfolios, Policies, Programs, Evaluation and Related Issues* (R.13-11-005) that was issued on November 21, 2013. Phase I focused on approving EE funding and portfolios for 2015. PG&E filed its *Energy Efficiency 2015 Funding Proposal* on March 26, 2014. On October 24, 2014, the Commission issued D.14-10-046: *Decision Establishing Energy Efficiency Savings Goals and Approving 2015 Energy Efficiency Programs and Budgets*.

The Phase I Decision, as corrected by D.15-01-002 and D.15-01-023, approved PG&E's total 2015 EE portfolio budget of $430.1 million, including $379.3 million for PG&E's program budget, $16.8 million for EM&V, $12.8 million for BayREN's EE programs, and $1.2 million for MCE's EE programs. The Phase I Decision also approved PG&E's request for $3.3 million for 2015 DR funding for IDSM.

The Phase I Decision (pp. 30-32) determined that 2015 is the third year of a 2013-2015 portfolio cycle, allowing the IOUs and RENs to use unspent 2013-2014 funds in 2015, to count savings from 2013-2014 towards 2015 goals and cost effectiveness, and to calculate regulatory caps and targets. The Commission directed Staff to undertake EM&V activities for 2013-2014 and 2015 combined.

The Phase I Decision (OP 21 and pp. 31-32) leaves the 2015 programs and funding in place until the earlier of when the Commission provides superseding direction, or 2025.

The Phase I Decision (OP 16) required the IOUs and MCE to file Tier 2 advice letters within 60 days to reflect the budget adjustments adopted in the decision, including recalculated TRC and PAC test results exceeding a 1.0 threshold for 2015. PG&E filed this advice letter on December 15, 2014, with superseding supplemental advice letters in 2015, as detailed below. The Phase I Decision also required several other advice letters to be filed in 2015.

EE Rulemaking Phase IIa

On February 24, 2015, the Commission issued the Scoping Memorandum for Phase II of this proceeding. Based on prehearing conference statements from the parties involved, the Commission identified three broad categories of items to address in Phase II: (1) developing "Rolling Portfolio" review processes; (2) providing guidance on changes for 2016 portfolios; and (3) updating various portfolio metrics (e.g., Database for Energy Efficiency Resources (DEER) values) to keep portfolios on course through 2016 and beyond.

On October 28, 2015, the Commission issued D.15-10-028: Decision Re Energy Efficiency Goals for 2016 and Beyond and Energy Efficiency Rolling Portfolio Mechanics. (Phase IIa Decision). In this decision, the Commission adopted energy savings goals for EE portfolios from 2016 to 2024; established a "Rolling Portfolio" process for reviewing and revising portfolios; and updated various EE program portfolio metrics, including Database of Energy Efficient Resources values.

EE Rulemaking Phase IIb

On August 25, 2016, the Commission issued D.16-08-019: *Decision Providing Guidance for Initial Energy Efficiency Rolling Portfolio Business Plan Filings*. (Phase IIb Decision). In this Decision, the Commission set

forth policy guidance on several issues related to the filing of EE business plans, as previously contemplated in D.15-10-028. The Decision also addressed next steps for regional energy networks, the appropriate baselines to be used to measure energy savings for specific programs and measures, transition for statewide and third-party programs, and changes to the evaluation and shareholder incentive frameworks.

The Commission issued a Scoping Memo on April 14, 2017 to evaluate the reasonableness of the IOU, REN, and CCA proposals for EE business plans, filed in January 2017. The Scoping Memo identified the scope of issues to be evaluated in the proceeding and established the schedule for 2017 activities, which included requests for supplemental information, revised metrics, and comprehensive solicitation plans. The Commission issued the Proposed Decision Addressing Third-party Solicitation Process for Energy Efficiency on November 13, 2017. The Proposed Decision was subsequently finalized as D.18-01-004 in January 2018, and established solicitation oversight mechanisms, directed the IOUs to develop standard contract terms, and set the schedule for transitioning to the third-party model.

On October 2, 2017, the Commission issued D. 17-09-025: *Decision Adopting Energy Efficiency Goals for 2018-2030*. In this Decision, the Commission adopted energy savings goals for EE portfolios from 2018 to 2030.

EE Rulemaking Phase III

On November 2, 2016, the Commission issued the Scoping Memorandum for Phase III of this proceeding. The Commission acknowledged that this proceeding was already well underway when Senate Bill (SB) 350 (2015) and Assembly Bill (AB) 802 (2015) both became law, creating a significant impact on the Commission's oversight of EE programs and policy. The key provisions of SB 350 for EE to include a goal of doubling the amount of EE savings in California by 2030, with emphasis on market transformation and pay-for-performance approaches, among other things. AB 802's provisions primarily affect the way baselines are set for measuring energy savings towards goals. This broad set of topics were covered, to some degree, in D.16-08-019. However, two specific areas warrant additional policy development in Phase III: (1) market transformation, as discussed in SB 350 and (2) custom projects, particularly in the industrial sector, as discussed in D.16-08-019.

D. 19-08-009: Decision Modifying the Energy Efficiency Three-prong Test Related to Fuel Substitution, was issued on August 5, 2019, modified and clarified the formulation of the three-prong test. On August 23, 2019, the Commission issued D.19-08-034: Decision Adopting Energy Efficiency Goals for 2020 – 2030, adopted energy savings goals for ratepayer-funded energy efficiency program portfolios for 2020 to 2030. D. 19-12-021: Decision Regarding Frameworks for Energy Efficiency Regional Energy Networks and Market Transformation, issued on December 12, 2019 adopted frameworks for two areas of energy efficiency policy: regional energy networks (RENs) and market transformation initiatives (MTIs).

On March 20, 2019, under A. 08-07-021, the Commission issued D. 19-03-001: *Decision Granting Petition for Modification of Decision 09-09-047 Concerning On-bill Financing,* granted PG&E petition for modification and allowed PG&E to expand its on-bill financing program. On November 11, 2020, the Commission issued D. 20-11-013: *Decision Imposing Moratorium on Efficiency Savings and Performance Incentive Program,* which imposes a moratorium on award payments under the ESPI mechanism beginning with 2021 program year advice letter earnings claims to remain in effect pending subsequent Commission guidance.

This proceeding is still the ongoing venue for any policymaking related to EE. The ongoing policy issues identified including: updates to DEER and EE potential and goals; updates to the EE Strategic Plan; updates to the EM&V framework; the role of the California Technical Forum; updates to the ESPI mechanism; updates to the cost-effectiveness framework for EE, in coordination with the integrated distributed energy resource (IDER) rulemaking (R.14-10-003) and with the decarbonization rulemaking (R.19-11-011); coordination with

statewide marketing, education, and outreach efforts; approach for evaluations using normalized metered energy consumption (NMEC) and/or dynamic baselines; and Industry Standard Practice determinations.

On November 16, 2020, D. 20-11-013 was issued, which imposed a moratorium on the efficiency savings and performance incentive (ESPI) program, deferring consideration of possible reforms until certain proposed changes to energy efficiency portfolio management and administration are disposed of.

On January 20, 2021, D.21-01-004 was issued providing directions to the large investor-owned utilities (IOU) for funding the School Energy Efficiency Stimulus Program, established by Assembly Bill 841 (Stats. 2020, Chap. 372) and under administration of the California Energy Commission (CEC).

On February 11, 2021, the Commission issued Resolution E-5115, addressing issues related to evidence requirements for the determination of energy consumption baselines for energy efficiency programs pursuant to D.16-08-019 and Resolution E-4818, with the proposed outcome of adopting minimum evidence *requirements* guidance to support custom projects accelerated replacement measure type. This Resolution did not increase costs beyond the energy efficiency budgets adopted in D.18-05-041.

On February 11, 2021, the Commission issued Resolution E-5108 (Rev 1) approving, with adjustments, Efficiency Savings and Performance Incentive awards for three major California IOUs for program years 2018 and 2019 and delayed the recovery of the incentives until 2022. This Resolution approved $15,299,119 in incentives for PG&E.

D.21-01-004 provided directions to the large investor-owned utilities (IOU) for funding the School Energy Efficiency Stimulus Program, established by Assembly Bill 841 (Stats. 2020, Chap. 372) and under administration of the California Energy Commission (CEC).

D.21-05-031 adopted a new metric, total system benefit, for the identification of energy efficiency potential and setting goals; adopted a new approach to segmenting energy efficiency portfolios according to a program's primary purpose (resource acquisition, market support, or equity); and addressed changes to the rolling portfolio framework and regulatory processes proposed by stakeholders in the context of the California Energy Efficiency Coordinating Committee (CAEECC).

On June 24, 2021, Resolution E-5150: Adopted Updates to the Avoided Cost Calculator for Use in Demand-Side Distributed Energy Resource Cost-Effectiveness Analyses.

On August 5, 2021, Resolution E-5152: gave Approval of the Database for Energy-Efficiency Resources Updates for Program Year 2023 and Revised Version for Program Years 2022 and 2021.

D.21-09-037 adopted energy efficiency goals for 2022-2032.

D.21-12-011 authorized new programs to enhance Summer 2022 and 2023 electric reliability.

On December 23, 2021, the Assigned Commissioner and Administrative Law Judges issued an Amended Scoping Ruling, in which it outlined 2022 basic schedule for Energy Efficiency:

Topic/Event	Date
Resolution of OSC phases involving SoCalGas	1st and 2nd Quarters of 2022
Remaining lighting enforcement issues	Second Quarter of 2022
Issues associated with new portfolio applications	Second half of 2022
Rules associated with CCAs who elect to administer energy efficiency programs and RENs	Second half of 2022
Ongoing issues associated with implementation of market transformation policy, third-party solicitations, summer reliability programs, etc.	Throughout 2022 and 2023
Other issues	Ongoing/as needed

On July 15, 2022, ALJ Ruling issued seeking comments on third-party and other issues. The five topics: 1. Potential improvements to the third-party solicitation process; 2. Governance and reform of two of the Commission's energy efficiency database tools: a) the Cost Effectiveness Tool (CET); and b) the California Energy Data and Reporting System (CEDARS); 3. Strategic Energy Management (SEM) program issues; 4. The California Analysis Tool for Locational Energy Assessment (CATALENA) project; and 5. Data sharing for Commission-authorized energy efficiency programs.

D.23-02-002 addressed energy efficiency third-party processes and other issues.

On October 15, 2023, PG&E filed and served its True-up Advice Letter (TUAL) 4814-G_7047-E covering the 2024-2027 EE funding period adopted by D.23-06-055. PG&E's TUAL received CPUC disposition on February 7, 2024 with an effective date of November 15, 2023.

In addition to D.23-06-055 authorizing EE portfolios and business plans, it also approved a new REN in California, RuralREN (RREN).

Subsequently, D.24-09-031, issued September 26, 2024, modified RREN approved in D. 23-06-055, by splitting it into two different geographic regions with identified lead administrators. Northern California Rural REN (NCRREN) will serve the North Coast and Northern Sierra regions, while Central California Rural REN (CCRREN) will serve the Central Coast, Eastern Sierra, and San Joaquin Valley regions. PG&E is the fiscal agent partner for NCRREN, and financial contributor for CCRREN, cofounding with SCE and SCG. Subsequently, Resolution E-5400 adopted on August 28, 2025 approved the revised 2024-2027 Energy Efficiency Portfolio Business Plans for Northern California Rural Regional Energy Network (NREN) and Central California Rural Regional Energy Network (CCR REN).

On December 11, 2024, Proposed Decision Closing Proceeding of Administrative Law Judges (ALJs) Julie Fitch and Valerie Kao was issued to close R.13-11-005 and resolve remaining policy issues, before a subsequent opening of a new rulemaking to succeed it. On January, 16, 2025, the Commission adopted D.25-01-006 to formally close R.13-11-005 with the stated intent "to open a new proceeding to address future issues affecting energy efficiency."

On November 4, 2025, PG&E filed and served its Mid-Cycle Advice Letter (MCAL), covering the last two years of its current funding cycle (2026-2027). The Commission approved PG&E's MCAL (AL 5141-G_7752-E) on April 14, 2026.

New EE Rulemaking, R.25-04-010

The Commission opened a new OIR to address future EE issues on April 24, 2025 (R.25-04-010). This new EE OIR identified a number of policy issues along with a tentative schedule. Stakeholders had the opportunity to address this new EE OIR through the commenting period. A prehearing conference was held on June 17, 2025. Thereafter, on July 23, 2025, a scoping memo was issued through an ALJ Ruling further clarifying the scope of the proceeding along with related timelines.

On August 28, 2025, the Commission adopted Decision 25-08-034 pertaining to the energy efficiency goals for the period 2026 through 2037. Specifically, it adopted goals for both Total System Benefits (TSB) and energy savings. These goals support the development of the Business Plan Application that was filed March 16, 2026 (discussed further below).

Resolutions

Resolution E-5351 adopted on August 28, 2025 addressed the indicators adopted in D.23-06-055, pursuant to the joint PA Advice Letter 4438-E_3299-G filed by SDG&E, as required by OP 11 of the Decision. Resolution E-5351 adopted modifications to metrics and indicators adopted in Decision 18-05-041, along with identifying information that could be used as baselines for future targets or methodologies for how the indicator information can be used as baselines.

As discussed earlier, Resolution E-5400 adopted the business plans for two RENs (Central Coast Rural REN and Norther California Rural REN) operating in part of PG&E's service area.

2018-25 Business Plan Application

Application (A.)17-01-013, et.al, established the process for reviewing, submitting, approving, and implementing program administration business plans for the rolling portfolio years 2018-2025.

On January 11, 2018, the Commission issued D.18-01-004: Decision Addressing Third-Party Solicitation Process for Energy Efficiency Programs, which formalized the third-party solicitation process for EE programs. In this Decision, the Commission set timelines for the EE portfolio's transition to predominantly third-party program implementation, with December 31, 2018, marking the first milestone with a minimum of 25 percent third-party program administration. By the end of 2020, 40 percent of programs should be third-party administered, with the ultimate vision of reaching 60 percent third-party administration in the EE portfolio by the end of 2022. PG&E confirmed this percentage goal was reached in its portfolio at the end of 2022.

On May 31, 2018, the Commission issued D. 18-05-041: Decision Addressing Energy Efficiency Business Plans. In this Decision, the Commission approved the 2018-2015 Business Plans, formalized the statewide program governance structure, and established the annual Joint Cooperation Memo (JCM) filings between program administrators with overlapping territories.

On August 9, 2019, the Commission issued D.19-08-006: Decision Adopting Standard Contract for Energy Efficiency Local Government Partnerships, which adopted a standard contract for energy efficiency local government implementers, and associated implementation details.

On December 20, 2019, PG&E's 2020 Annual Budget Advice Letter was rejected via nonstandard disposition and PG&E was instructed to file a revised Business Plan Application by September 1, 2020. On July 3, 2020, an Amended Scoping Ruling Addressing the Impacts of COVID-19 was issued, postponing the deadline for PG&E's revised Business Plan Application to September 1, 2021. On December 21, 2020, PG&E's 2021 Annual Budget Advice Letter was rejected via nonstandard disposition. PG&E was required to hold a workshop to explain the portfolio's failure to meet cost-effectiveness requirements, how funding determinations were made for different programs, the methodology for establishing portfolio cost-effectiveness estimates, and why PG&E did not choose to provide additional funding to programs with high TRC. PG&E was also asked to provide updates on portfolio performance to date as impacted by COVID-19, and an update on the third-party solicitation process. The workshop was held on March 16, 2021. AL 4521-G-A/6385-E-Awas submitted on January 7, 2022, and was dispositioned on February 15, 2022.

On February 15, 2022, PG&E filed and served its 2024 Business-Portfolio Plan Application A.22-02-005. Its eight-year Business Plan covered the overall direction of Energy Efficiency work from 2024 through 2031, identifying major changes to strategies from prior strategic business plan strategies, plus the eight-year budget total. The four-year Portfolio Plan covered the specific programs, goals, portfolio- and sector-level performance metrics to be achieved, and budgets for Energy Efficiency from 2024 through 2027. PG&E's Application along with those filed by the other PAs were approved by D.23-06-055.

2028-31 Business Plan Application

On March 16, 2026, Portfolio Administrators, including PG&E, filed a four year Portfolio plan for 2028-2031, and an eight year Business Plan Application for 2028-3035. All PA Applications were consolidated into a single Application number (A.26-03-009 et al).

2025 Advice Letters

PG&E filed the following advice letters related to EE in 2025:

1) California Energy Efficiency Coordinating Meeting Work Plan and Budget for Program Year 2025, submitted January 24, 2025. Advice 5024-G 7492-E.pdf

2) Informational Filing for PG&E's Statewide State of California Energy Efficiency Program related to Fractional Savings Uncertainty for Measures using Population-level Normalized Meter Energy Consumption, submitted March 20, 2025. Advice 5043-G 7539-E.pdf

3) Advice Letter Submittal of Pacific Gas and Electric Company's ThirdParty Solicitations resulting from its Residential Customer Energy Orchestration Program Request for Proposal – Contract executed between TRC Companies and PG&E, submitted February 7, 2025. Advice 5031-G 7503-E.pdf

4) Pacific Gas and Electric Company's Proposed Increase to On-Bill Financing Loan Cap, submitted April 10, 2025. Advice 5055-G 7566-E.pdf

5) PG&E's Filing on Behalf of the Energy Efficiency Portfolio Administrators for Goal Constructs Associated with Equity and Market Support Indicators [Pursuant to D.23-06-055, Ordering Paragraph 25], submitted August 1, 2025. Advice 5095-G 7664-E.pdf

6) Advice Letter Submittal of Pacific Gas and Electric Company's Third-Party Solicitations for State and National Building Codes Advocacy Support Contract Amendment executed between McHugh Energy Consultants, Inc. and PG&E, submitted September 29, 2025. Advice 5117-G 7710-E.pdf

7) Advice Letter Submittal of Pacific Gas and Electric Company's Third-Party Solicitations resulting from seven Codes and Standards Compliance Improvement Contract Amendments executed between five Implementers and PG&E, submitted September 29, 2025. Advice 5118-G 7711-E.pdf

8) PG&E's 2026-2027 Mid-Cycle Advice Letter in Compliance with Decision (D.) 21-05-031, D. 23-06-055, and D. 25-08-034, submitted November 4, 2025. Advice 5141-G/ 7752-E.pdf

9) Advice Letter Submittal of Pacific Gas and Electric Company's ThirdParty Solicitations for Statewide Codes and Standards Appliance Standards Advocacy Contract Amendment executed between West Monroe Partners, LLC (previously 2050 Partners, Inc.) and PG&E, submitted December 22, 2025. Advice 5156-G 7792-E.pdf

10) Cost Allocation Update for the California Market Transformation Pursuant to CPUC Decision 25-11-023, submitted December 22, 2025. Advice 5154-G 7794-E.pdf