

2024-2025 Joint Cooperation Memorandum:

Tri-County Regional Energy Network,
Pacific Gas and Electric Company (PG&E),
Southern California Gas Company (SoCalGas),
Southern California Edison (SCE)

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INTRODUCTION

For their 2024-25 energy efficiency portfolios, Tri-County Regional Energy Network (3C-REN), Southern California Gas (SoCalGas), Southern California Edison (SCE), Pacific Gas and Electric Company (PG&E), will continue to collaborate with each other to support program adoption. This Joint Cooperation Memorandum (JCM) documents areas of potential program overlap by sector, with details about collaboration methods that can be used to mitigate customer confusion, streamline customer referrals, and avoid duplication.

BACKGROUND/REGULATORY GUIDANCE

The California Public Utilities Commission's (CPUC) Decision (D.)18-05-041 requires Energy Efficiency (EE) Program Administrators (PAs) with overlapping service areas to submit a JCM to coordinate program activities. Specifically, the directive states:

We will require the PAs (RENs, IOUs, and CCA) to develop a joint cooperation memo to demonstrate how they will avoid or minimize duplication for programs that address a common sector (e.g., residential or commercial) but pursue different activities, pilots that are intended to test new or different delivery models for scalability, and/or programs that otherwise exhibit a high likelihood of overlap or duplication and are not targeted at hard-to-reach customers. For such programs, each PA must explicitly identify and discuss how its activities are complementary and not duplicative of other PAs' planned activities.¹

Furthermore, CPUC D.23-06-055 establishes additional requirements for PAs submitting JCMs. The decision states in ordering paragraph (OP) 35:

This decision supersedes D. 18-05-041 and D.21-05-031 with respect to the timing and submission of Joint Cooperation Memoranda (JCM). Portfolio administrators must submit JCMs every two years, within 60 days after Commission approval of the last of each JCM's portfolio administrator's true-up advice letters and mid-cycle advice letters (as applicable), to the California Energy Data and Reporting System, with notice to the service list of Rulemaking (R.) 13-11-005 or a successor proceeding.

The same decision also states in OP 34:

Bay Area Regional Energy Network, Southern California Regional Energy Network, Tri-County Regional Energy Network, and Rural Regional Energy Network shall, for programs that only meet the criterion of serving hard-to-reach customers, include in their Joint Cooperation Memoranda a description of how they will target (i.e., market and conduct outreach to) and to primarily serve hard-to-reach customers or specific hard-to-reach customer segments.²

D.23-06-055 also directed the investor-owned utility (IOU) PAs to "convey information to third-party bidders during the solicitation process, for buildings that have a potential to be served by both IOUs'

¹ D.18-05-041 at p.97

² D.23-06-055 at p.137, Ordering Paragraph (OP) 34.

third-party implementers and regional energy networks (RENs), about RENs' efforts to identify hard-to-reach customers or buildings to target for marketing of REN programs.”³

GENERAL PORTFOLIO COORDINATION

3C-REN, SoCalGas, SCE, and PG&E (hereinafter referred to as the “Joint PAs”) have worked together to establish methods of communication and collaboration since 3C-REN first began implementing programs, and these efforts will continue as new programs launch in 2024-2025. The Joint PAs will collaborate to ensure that their respective overlapping regional programs do not result in unnecessary duplication or cause customer confusion. The Joint PAs can derive additional value by providing information and referrals to programs across all program implementers, including those outside each other's implementation focus.

The majority of the coordination activities take place at the sector level. However, on the portfolio level, 3C-REN and IOU staff coordinate as needed by email and through meetings to provide updates on major portfolio or program changes.

DATA SHARING PROTOCOL

The IOUs have data governance and protection obligations for sharing any customer data. Before the IOUs share data that they are authorized to share by applicable law and/or tariff for double-dip check purposes or to support a 3C-REN program, the following minimum data security and privacy protocols need to be completed:

- The party seeking customer data has a contract with the County of Ventura on behalf of 3C-REN or with the lead contractor for a 3C-REN program that includes acceptable privacy and data protection and liability provisions.
- The party seeking data has executed a Non-disclosure Agreement (NDA) with the IOU.
- The party seeking data has completed an IOU's Third-Party Security Review (TSR) and TSR renewals, as required by such IOU.

In D. 23-02-002 the Commission ordered all IOUs to share certain categories of disaggregated data requested by RENs and third-party implementers and/or their authorized agents within ten days after notifying the requestor that the requestor meets the following requirements:

- A current cyber security review by each IOU supplying confidential information.
- A non-disclosure agreement directly with each IOU supplying confidential information.
- The ability to receive secure data transmissions from the IOU.
- A current contract for the program, either as the program administrator or as prime or sub-contractor with a statement of work that requires all the confidential data received.⁴

³ D.23-06-055 at p.130, OP 33.

⁴ D.23-02-0023 at p. 63-64, OP 19.

The County of Ventura on behalf of 3C-REN will provide PG&E with a quarterly financial forecast update and quarterly Total System Benefit⁵ (TSB) forecast update. The quarterly financial forecast update is the financial payments The County of Ventura anticipates from PG&E for 3C-REN energy efficiency programs. The County of Ventura will ensure that any changes in the 3C-REN program delivery are reflected in these forecast updates.

⁵ TSB (Total System Benefit) is the sum of the benefit that program measures provide to the electric and natural gas systems.

OVERLAPPING SECTORS BY PROGRAM ADMINISTRATORS (PA)

Table 4.1: Areas of Potential Overlap, by Sector

Sector	3C-REN	SoCalGas	SCE	PG&E
Residential	<ul style="list-style-type: none"> Single-Family Home Energy Savings (TCR-Res-003) Multi-Family Home Energy Savings (TCR-Res-002) 	<ul style="list-style-type: none"> Residential Energy Efficiency Program - Resource acquisition (SCG 3702) Residential Energy Efficiency Program – Equity (SCG 3958) Community Language Efficiency Outreach Program (SCG 3861) Comprehensive Mobile Home Program (SCG 3884) Multifamily Energy Alliance Program - Equity (SCG 3936) Multifamily Energy Alliance Program -Resource Acquisition (SCG3889) Multifamily Whole Building Program - Equity (SCG 3705) Multifamily Whole Building Program -Resource Acquisition (SCG 3938) Residential Advanced Clean Energy Program – Equity (SCG 3935) Residential Advanced Clean Energy Program - Resource Acquisition (SCG 3883) 	<ul style="list-style-type: none"> Residential Energy Advisor (Resource) (SCE_Res_Equity_001) Residential Energy Advisor (Non-Resource) (SCE_Res_Equity_002) Residential Direct Install Program (SCE-13-SW-001G) Comprehensive Manufactured Homes Program (SCE-13-TP-001) Marketplace (SCE_3P_2020RCI_001) Residential New Construction (SCE-13-SW-001F) Disadvantaged Communities Marketing and Outreach (SCE_Res_Equity_003) 	<ul style="list-style-type: none"> PG&E Home Intel Program (NMEC) PG&E ESA Program Energy Savings Assistance – Northern Multi-Family Whole Building California Energy-Smart Homes Program (CESHP) PG&E On-Bill Financing (multi-family only)

Sector	3C-REN	SoCalGas	SCE	PG&E
		<ul style="list-style-type: none"> • Energy Advisor Program (SCG 3701) • Residential Behavioral Program (SCG 3824) • Marketplace (SCG 3829) • Residential Mobile Home Program (SCG 3885) • Retail Partner Training Program (SCG 3830) 		

Sector	3C-REN	SoCalGas	SCE	PG&E
Commercial	<ul style="list-style-type: none"> Commercial Marketplace (TCR-Com-001) 	<ul style="list-style-type: none"> Nonresidential Calculated Incentive Program (SCG 3910) Business Energy Efficiency Surveys (BEES) (SCG 3909) Commercial-BEST (Resource Acquisition) (SCG 3887) Large Commercial Energy Efficiency Program (SCG 3892) Service RCx Large Commercial Program (SCG 3891) Small and Medium Commercial EE Program (Equity) (SCG 3937) Small and Medium Commercial EE Program (Resource Acquisition) (SCG 3882) Commercial-BEST (Equity) (SCG 3940) Nonresidential Deemed Incentive Program (SCG 3911) Nonresidential Behavioral Program (SCG 3898) 	<ul style="list-style-type: none"> Simplified Savings (SCE_SMB_Equity_001) Comprehensive Commercial Program (SCE_3P_2020RCI_005) Commercial Strategic Energy Management (SCE_3P_SEM_001) 	<ul style="list-style-type: none"> Commercial Calculated Incentives Program (PGE21011) Commercial Deemed Incentives Program (PGE21012) Commercial Energy Advisor Program (PGE-21014) CoolSave Grocery Comprehensive Retrofit & Commissioning (PGE_Com_001) Smart Labs (PGE_Com_002) NetOne (PGE_Com_003) Advanced Energy Program for High Tech & Biotech (PGE_Com_004) Healthcare Energy Fitness Initiative (PGE_Com_005) Simplified Savings Micro-Small Business Program (PGE_Com_SmallBiz)
Agricultural	<ul style="list-style-type: none"> Agriculture Technical Assistance (TCR-AG-001) 	<ul style="list-style-type: none"> Nonresidential Calculated Incentive Program (SCG 3910) Nonresidential Deemed Incentive Program (SCG 3911) Agricultural Energy Efficiency Program (SCG 3890) Business Energy Efficiency Surveys (BBES) (SCG 3909) 	<ul style="list-style-type: none"> Agriculture Energy Efficiency Program (SCE_3P_2021AGPUB_001) 	<ul style="list-style-type: none"> Agricultural Deemed Incentives Program (PGE21032) Agricultural Energy Advisor Program (PGE21034) Agricultural Energy Savings Action Plan (AESAP) Program (PGE_Ag_001)

Sector	3C-REN	SoCalGas	SCE	PG&E
Public	<ul style="list-style-type: none"> Energy Assurance Services (TCR-CC-001) 	<ul style="list-style-type: none"> Public Direct Install Program - Public Small/Medium Public Program (SCG 3886) Large Public Sector Program (SCG 3899) Business Energy Efficiency Surveys (BEES) (SCG 3909) Nonresidential Calculated Incentive Program (SCG 3910) CC-Nonresidential Deemed Incentive Program (SCG 3911) Regional Energy Pathways (SCG 3912) 	<ul style="list-style-type: none"> Public Energy Performance Program (SCE_3P_2021AGPUB_002) 	<ul style="list-style-type: none"> Government and K-12 (GK-12) Comprehensive Program (PGE_Pub_009) RAPIDS Wastewater Treatment Optimization Program (PGE_Pub_010) Statewide State of California: Energy Strategy and Support Program (PGE_SW_IP_Gov)
Cross-cutting: WE&T	<ul style="list-style-type: none"> Building Performance Training (TCR-WET-001) 	<ul style="list-style-type: none"> WE&T-Integrated Energy Efficiency Training Program (IEET) (SCG 3729) Community Support Outreach Program (SCG 3901) WE&T-Educational Outreach Program (SCG 3764) HERS Rater Training Program (SCG 3760)) Retail Partner Training Program (SCG3830) 	<ul style="list-style-type: none"> WE&T Integrated Energy Education and Training (IEET) Subprogram (SCE-13-SW-010A) EE Contractor Demand Building Program (SCE_MarketSupport_002) 	<ul style="list-style-type: none"> WE&T Integrated Energy Education and Training (IEET) (PGE 21071) WE&T Career Workforce Readiness (PGE_SW_WET_Work) WET Career Connections (PGE_SW_WET_CC)
Cross-cutting: C&S	Energy Code Connect (TCR-CS-001)	N/A	<ul style="list-style-type: none"> Compliance Improvement Subprogram (SCE-13-SW-008C) Reach Codes (Local Ordinance) (SCE-13-SW-008D) 	<ul style="list-style-type: none"> Compliance Improvement Reach Codes (PGE_21053) Reach Codes (PGE_21054)

Sector	3C-REN	SoCalGas	SCE	PG&E
Cross-cutting: Finance	N/A	<ul style="list-style-type: none"> On-Bill Finance (SCG 3735) 	<ul style="list-style-type: none"> New Finance Offerings Credit Enhancements (SCE-13-SW-007C1) New Finance Offerings (SCE-13-SW-007C) 	<ul style="list-style-type: none"> PG&E On-Bill Financing (PGE_OBFAP)
Cross-cutting: Other	Energy Assurance Services (TCR-CC-001)	<ul style="list-style-type: none"> Nonresidential Energy Advisor (Program) Business Energy Efficiency Surveys (BEES) (SCG 3909) Commercial – Savings By Design (SCG 3813) CC-Nonresidential Calculated Incentives (SCG 3910) CC-Nonresidential Deemed Incentive Program (SCG 3911) 	N/A	N/A
Statewide	<ul style="list-style-type: none"> Statewide Commercial Midstream Water Heating Statewide Upstream & Midstream Heating Ventilation and Air Conditioning Program Statewide Foodservice Instant Rebates Program Statewide Plug Load Appliance Program Water Infrastructure & System Efficiency (SW WISE™) Program 			

3C-REN Residential Sector

3C-REN implements two separate residential sector programs: one that serves single-family homes, and one that serves multifamily properties. Both programs are designed to target Hard to Reach (HTR) customers and provide rebates for energy efficiency upgrades that achieve energy and greenhouse gas (GHG) savings.

3C-REN: Multifamily Home Energy Savings (TCR-Res-002)

Implementer: AEA

3C-REN's multifamily program delivers energy savings targeted to Hard to Reach (HTR) multifamily properties in the 3C-REN service territory. The program includes incentives to be paid to property owners/managers of multifamily properties with five or more units. This whole building program utilizes contractors to complete retrofits as well as site assessments, technical assistance, and a rebate structure based on the number of units in the complex. To qualify for the rebates, there are minimum average GHG savings per apartment requirements that are calculated based on energy upgrade plans. The incentive structure also includes enhanced incentives for underserved properties and adders for higher performance measures, such as heat pumps.

Table 1: Compliance with REN Program Criteria: Residential – Multi-Family

REN Criteria	3C-REN TCR-Res-002
1. Activities that utilities or CCA PAs cannot or do not intend to undertake	N/A
2. Pilot activities where there is no current utility or CCA program offering and where there is potential for scalability	N/A
3. Activities in hard-to-reach markets, whether or not there is another utility or CCA program that may overlap	In accordance with D.23-06-055, 3C-REN's residential initiatives are tailored to address hard-to-reach residential segments, encompassing single-family and multifamily dwellings, both renters and homeowners, as well as Disadvantaged Communities (DACs) within its jurisdiction. While extending services to all residents across the three counties, particular emphasis is placed on marketing, outreach, and program design aimed at the challenging populations residing in moderate-income and rural areas. Higher incentives are available to properties serving multifamily renters, smaller “mom and pop” properties, properties with residents who speak a primary language other than English, deed restricted low income, and/or properties where a majority of households are within the CARE/FERA income

	<p>guidelines. A substantial portion of incentive funds paid to date has been directed toward these hard-to-reach communities. In 2024, outreach initiatives aim to utilize a database of property owners to tailor outbound marketing endeavors, ensuring a focused approach towards hard-to-reach audiences. In 2024 and beyond, the program also plans to partner with cities that contain HTR and/or DAC multifamily properties for outreach, with cobranding and collaborative outreach leveraging local governments as trusted messengers for HTR and DAC property owners.</p>
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3C-REN: Single Family NMEC (TCR-Res-003)

Implementer: Recurve

The residential Single-Family Program delivers measurable energy savings targeted towards HTR single-family households in the 3C-REN service territory. Savings will be claimed using a population Normalized Metered Energy Consumption (NMEC) Measurement and Verification (M&V) platform. Upfront incentives reduce customer costs. Performance incentives push energy efficiency installers (aggregators) to maximize both customer savings and grid benefits.

Table 2: Compliance with REN Program Criteria: Residential – Single Family

REN Criteria	3C-REN TCR-Res-003
1. Activities that utilities or CCA PAs cannot or do not intend to undertake	N/A
2. Pilot activities where there is no current utility or CCA program offering and where there is potential for scalability	N/A
3. Activities in hard-to-reach markets, whether or not there is another utility or CCA program that may overlap	<p>In accordance with D.23-06-055, 3C-REN's residential initiatives are tailored to address hard-to-reach residential segments, encompassing single-family and multifamily dwellings, both renters and homeowners, as well as Disadvantaged Communities (DACs) within its jurisdiction. Emphasis is placed on marketing, outreach, and program design aimed at the populations in moderate-income and rural areas.</p> <p>In addition, the program's incentive structure is designed to drive contractors to serve HTR audiences; upfront incentives are three times higher for these participants than market rate customers. The performance incentives that are paid to contractors after the projects are installed are also three times higher for these</p>

REN Criteria	3C-REN TCR-Res-003
	customers. Therefore, contractors/aggregators are able to dramatically reduce costs for HTR clients and receive significantly higher bonus payments themselves if their clients show actual metered energy savings.

IOU Residential Programs

SoCalGas

The Residential energy efficiency sector programs offer and promote both specific and comprehensive energy solutions for residential customers. By encouraging adoption of economically viable energy efficiency technologies, practices, and services, these programs employ strategies and tactics to overcome market barriers while delivering services that support the CPUC's Strategic Plan and the Energy Efficiency Business Plan. SoCalGas's Residential Energy Efficiency Programs focus is to:

- Facilitate, sustain, and transform the long-term delivery and adoption of energy-efficient products and services for single and multi-family dwellings;
- Cultivate, promote, and sustain lasting energy-efficient behaviors by residential customers through a collaborative statewide education and outreach mechanism; and
- Meet customers' energy efficiency adoption preferences through a range of offerings including single-measure incentives and more comprehensive approaches.

SCG 3701: RES-Energy Advisor Program

This program continues to help customers understand and empower them to manage their energy use, and will guide them, where appropriate, towards advancing customers to energy efficiency solutions. This includes online short surveys, online full audits, tailored energy efficiency solutions, programs, and tips through SoCalGas' Ways to Save tools.

SCG 3702: RES-Residential Energy Efficiency Program

Residential Energy Efficiency Program (REEP) is a deemed, downstream equipment/product rebate program that offers incentives for the purchase and installation of the most energy efficient, natural gas equipment. The Home Energy Efficiency Rebate Program (HEER) component of REEP offers single family residential customers energy efficiency rebate incentives that encourages and aids customers to make energy efficient choices when purchasing appliances. The Multifamily Energy Efficiency Rebates Program (MFEER) component of REEP encourages multifamily property owners and managers to make energy efficient improvements when upgrading their properties. The Energy Efficient New Homes Program (EENH) component of REEP delivers EE solutions to for residential new construction and encourages the use of EE equipment to improve the homes energy savings over the requirements of CA Title 24.

SCG 3705: RES-Multifamily Whole Building Program (Equity)

This Equity Multifamily Whole Building Program aims to deliver comprehensive EE upgrades tailored to the needs of existing multifamily dwellings and their owners, tenants and management companies. The Program seeks to promote long-term energy benefits through comprehensive whole building energy efficiency retrofit measures including building shell upgrades, high-efficiency HVAC units, central heating and cooling systems, central domestic hot water heating and other deep energy reduction opportunities. These EE measures would be identified through an investment grade assessment. The Program will coordinate with the ESA Program and other energy efficiency programs to present a singular and streamlined approach for multifamily tenants, property owners and property managers.

SCG 3824: RES-Residential Behavioral Program

This program offers behavior intervention strategies to residential participants to achieve short-term energy and budget savings that can persist and produce long-term behavior change and energy savings. This is achieved by fostering participant engagement, ensuring participant satisfaction, and providing energy education and upgrades through regular and participant-specific touchpoints in the form of Home Energy Reports (HERs) and a web-based education portal.

SCG 3829: RES-Marketplace

Online marketplace platform which provides energy efficiency information as well as utility program information to customers. The platform also provides rebates at point-of-purchase and also provides micro-loan financing options for customers as well.

SCG 3830: Retail Partner Training Program

The Program will engage targeted retailers and distributors within Company territory to raise awareness and increase understanding of Company EE programs and the rebates available for natural gas appliances. The Program will engage retailer and distributor sales associates and educate them on Company program offerings, energy-efficient natural gas product features and benefits, rebate application process, and sales tips to help drive the sales of products promoted and incentivized by Company. The Program will develop point-of-purchase (POP) and other marketing materials and place in the store to help educate consumers on the features and benefits of efficient appliances and available rebates.

SCG 3861: RES-Community Language Efficiency Outreach Program

The program provides residential in-language, marketing, education and outreach and direct install of residential more efficient energy efficiency measures, targeting the HTR/DAC Chinese, Vietnamese, Korean, Hispanic and other ethnic communities of Los Angeles and Orange Counties.

SCG3883: RES-Residential Advanced Clean Energy Program (Resource Acquisition)

The program is a comprehensive advanced clean energy solution for single family customers. The advanced clean energy path begins with the delivery of cost-effective therm-rich direct install measures that transitions to an advanced clean energy opportunity for the single-family customer that can be financed by outside sources. The program is designed with potential to be replicated across residential

segments and seeks to be transformational rather than transactional. It will transform the customer into a wiser and knowledgeable steward by instilling behavior to improve their home by reducing carbon footprint and enjoying increased comfort. The program leverages IOU electric, municipal electric, and local agency clean energy single family opportunities offerings, in addition to natural gas clean energy solutions.

SCG 3884: RES-Comprehensive Mobile Home Program

The program is a comprehensive advanced clean energy solution for manufactured home customers that reside in Ventura, Los Angeles, Orange, Riverside, San Bernardino, and Imperial Counties. The program strategy encourages deeper energy savings by offering more comprehensive energy efficiency measures. The program path begins with the delivery of cost-effective therm-rich direct install measures that transitions to an advanced clean energy opportunity for the manufactured homes customers that can be financed by outside sources. The program delivers natural gas energy efficiency, clean energy, and carbon emission solutions.

SCG 3885: RES-Residential Mobile Home Program

This program will allow for mobile and manufactured home residents to overcome the historical barriers to energy efficiency by providing access to affordable and no-cost pre-qualified installation and quality retrofits that maximize energy savings at each site by using proven products and technologies. The program further facilitates energy improvements by providing the customer with a package of services through one point of contact. This program also promotes local economic development by employing local staff and helping customers lower their gas bills. The program provides customers with further information on other low-cost and no-cost energy efficiency measures, demand side and other programs that are relevant to customer needs for saving energy.

SCG 3889: RES-Multifamily Energy Alliance Program (Resource Acquisition)

The program provides broad outreach and customer screening services for the full suite of SoCalGas Multifamily offerings, and provides a limited set of measures—both rebated and no-cost direct install—to offer customers who do not qualify for the Energy Savings Assistance Program for Common Area Measures or who are not yet ready to complete larger-scale upgrades through the Multifamily Whole Building program. Using a one-stop-shop approach to working with the multifamily property owner/manager customer segment, the program drives interest in EE upgrades, direct customers to the appropriate program, and provide ongoing outreach and education that encourages customers to continue their energy efficiency journey with SoCalGas through additional program participation options. The program will seek to achieve at least 50 percent participation by HTR and DAC.

SCG 3935: RES-Residential Advanced Clean Energy Program (Equity)

The Equity program is a comprehensive advanced clean energy solution for single family customers. The advanced clean energy path begins with the delivery of cost-effective therm-rich direct install measures that transitions to an advanced clean energy opportunity for the single-family customer that can be financed by outside sources. The program is designed with potential to be replicated across residential segments and seeks to be transformational rather than transactional. It will transform the customer into a wiser and knowledgeable steward by instilling behavior to improve their home by reducing carbon footprint and enjoying increased comfort. The program leverages IOU electric, municipal electric, and

local agency clean energy single family opportunities offerings, in addition to natural gas clean energy solutions.

SCG 3936: RES-Multifamily Energy Alliance Program (Equity)

This equity program provides outreach and customer screening services for other SoCalGas Multifamily offerings, and also provides a limited set of measures to customers who do not qualify for the ESA Program for Common Area Measures or who are not yet ready to complete larger-scale upgrades through the Multifamily Whole Building program. Using a one-stop-shop approach to working with the multifamily property owner/manager customer segment, the program drives interest in energy efficiency upgrades, direct customers to the appropriate program, and provide ongoing outreach and education that encourages customers to continue their energy efficiency journey with SoCalGas through additional program participation options. The program will seek to achieve at least 50 percent participation by HTR and DAC properties/owners.

SCG 3938: RES-Multifamily Whole Building Program (Resource Acquisition)

The program delivers comprehensive EE upgrades tailored to the needs of existing multifamily dwellings and their owners, tenants and management companies. The Program seeks to promote long-term energy benefits through comprehensive whole building energy efficiency retrofit measures including building shell upgrades, high-efficiency HVAC units, central heating and cooling systems, central domestic hot water heating and other deep energy reduction opportunities. These energy efficiency measures would be identified through an investment grade assessment. The Program will coordinate with the ESA Program and other energy efficiency programs to present a singular and streamlined approach for multifamily tenants, property owners and property managers.

SCG 3958: Res Energy Efficiency Program Equity

The Residential Energy Efficiency program (REEP) is a deemed, downstream equipment/product rebate program that offers incentives for the purchase and installation of the most energy efficient, natural gas equipment in the equity space. The Home Energy Efficiency Rebate Program (HEER) component of REEP offers single family residential customers energy efficiency rebate incentives that encourages and aids customers to make energy efficient choices when purchasing appliances. The Multifamily Energy Efficiency Rebates Program (MFEER) component of REEP encourages multifamily property owners and managers to make energy efficient improvements when upgrading their properties. The Energy Efficient New Homes Program (EENH) component of REEP delivers EE solutions to for residential new construction and encourages the use of EE equipment to improve the homes energy savings over the requirements of CA Title 24.

Please refer to CEDARS for updated program information, descriptions, and program codes.

PG&E

PG&E: California Energy-Smart Homes Program (PGE_SW_NC_Res_electric)

Implementer: TRC

The statewide California Energy-Smart Homes All-Electric Residential Program (Energy-Smart Homes Program or CESHP) supports a high-level approach to achieving California’s advanced energy efficiency policy goals by engaging with builders, developers and existing multi-family building owners, managers and contractors, to encourage them to build all-electric and recruit potential projects. The program is available to projects located in PG&E, SCE, and SDG&E electric utility territories. The program offers incentives for single-family, duplex, townhome, multi-family low-rise (three or fewer stories), accessory dwelling unit (ADU), and alteration projects. The objective of the program is to influence the decision and ease the transition to adopt all-electric new construction practices. To accomplish this, the program will educate potential participants and stakeholders on the features of all-electric homes, enroll projects, emphasize the installation of advanced energy efficiency measures, and facilitate future opportunities through non-incentivized, prerequisite measures that position homes to install high-impact demand response technologies more easily in the future. For more information visit caenergysmarthomes.com. The California Energy Design Assistance programs, included in the Commercial programs section below, also offer support for multifamily buildings over three stories.

PG&E: Energy Savings Assistance – Northern Multi-Family Whole Building

Implementer: TRC

PG&E launched the new Energy Savings Assistance - Northern Multi-Family Whole Building (ESA - Northern MFWB) program in July 2023 to replace the ESA CAM. The Northern MFWB program provides whole-building upgrades, including resident units and common areas, to income-qualified properties. The Northern MFWB program takes a holistic approach to engaging income-qualified multi-family stakeholders within PG&E’s service territory, with end-to-end project support for property owners/representatives and tenants, and strategies that drive installation contractor and trade ally success. The program is accessible to both deed-restricted and non-deed restricted properties and features Single Point of Contact (SPOC) services that connect multi-family property owners and tenants with incentive-layering opportunities and financing resources to lower the barriers to participation. The Northern MFWB program strives to meet the cost-effectiveness guidelines and the ESA Program portfolio goals to achieve deep savings; the program design also considers opportunities to maximize “a building’s demand response (DR) technologies, greenhouse gas (GHG) reduction, water energy nexus, and the health, comfort, and safety of tenants”.

PG&E: Energy Savings Assistance

Implementer: RHA and Resource Innovations

PG&E's Energy Savings Assistance Program (ESA Program) provides energy efficiency services to income qualifying customers in single-family homes and mobile homes in the PG&E Territory, including the Bay Area. The objective of the ESA program is to reduce energy usage, while also increasing the health, comfort, and safety of participants. Households with income at or below 250% of the federal poverty line qualify.

PG&E: Single Family NMEC (Normalized Meter Energy Consumption) (PGE MAP)

Implementer: AESC and Recurve

PG&E has two Implementers of the Market Access Program (MAP), AESC and Recurve. Ecobee is an active Aggregator in the MAP programs, whom serves single family customers with Ecobee Thermostats. The MAP program is ending in March 2024, and will not be open to new applications. PG&E is currently soliciting for a new Summer Reliability program to offer in its place.

PG&E Virtual Energy Audit Program – Home Intel Program (PGE_Res_001b)

Implementer: Home Energy Analytics (HEA)

PG&E offers a third-party P4P program in the Bay Area called HomeIntel (implemented by Home Energy Analytics). The Program offers free energy audits, education, and personal energy advisor services to residential customers throughout the Bay Area. The Program helps customers save energy in their homes, measured at the meter.

SCE

SCE administers seven different residential sector programs. Residential direct install programs are offered to Single-Family⁵, Multifamily, and Manufactured/Mobile homes. Energy Advisor Program and the Marketplace program offer online tools, surveys and energy saving strategies to customers. These four programs serve our Hard to Reach (HTR) and Disadvantaged Community customers. The last program is new construction where builders are incentivized for helping to achieve our statewide initiatives with energy demand reductions and greenhouse gas (GHG) savings across our territory.

SCE: Residential New Construction (SCE-13-SW-001F)

Implementer: SCE

SCE's Residential New Construction incentivizes builders to build energy efficient homes that exceed California Building Energy Efficiency Standards (BEES), which helps achieve our statewide initiatives with energy demand reductions and greenhouse gas (GHG) savings across our territory. Residential new construction projects receive a combination of incentives, technical education, design assistance, and verification. These elements seek to raise plug load efficiency, focus on whole-building solutions, and leverage market demand for green building standards. This program is open to all new construction builders in our territory.

SCE: Residential Energy Advisor (Resource: SCE_Res_Equity_001 and Non-Resource: SCE_Res_Equity_002)

Implementer: CLEAResult

Residential Energy Advisor delivers energy savings through a structured program model that offers ongoing personal assistance with an energy advisor that can help customers with things like prioritizing home improvement energy efficiency upgrades, finding contractors or rebates used to offset costs. This program is open to all residential customers in SCE's territory including Hard to Reach (HTR) and Disadvantaged Community customers. There are no pre-qualifications needed to receive a home energy assessment report or set up an appointment with an Energy Advisor. This program also includes a non-resource component that is designed to strategically target niche markets and provide energy solutions.

Comprehensive Manufactured Homes Program (SCE-13-TP-001)

Implementer: SCE

SCE's Comprehensive Manufactured Homes Program provides the direct installation of no-cost energy efficiency measures to eligible manufactured/mobile home residents. The measures provided through this program are primarily Heating Ventilation and Air Conditioning (HVAC) based, such as Smart Thermostats, Brushless Fan Motors, Fan Controllers, Duct Sealing, and Duct Optimization. The program primarily targets SCE customers residing in the hotter Climate Zones within our service area, including Hard-to-Reach (HTR) and Disadvantaged Community (DAC) customers. To be eligible for the program, customers must have an active SCE account, own or rent a manufactured/mobile home, and reside in an eligible Climate Zone.

SCE: Residential Direct Install Program (SCE-13-SW-001G)

Implementer: SCE

SCE's Residential Direct Install Program provides the direct installation of no-cost energy efficiency measures to eligible Single-Family and Multifamily residents. The measures provided through this program are primarily Heating Ventilation and Air Conditioning (HVAC) based, such as Smart Thermostats, Brushless Fan Motors, Fan Controllers, Duct Sealing, and Deeply Buried Ducts. Eligible customers who receive a Smart Thermostat are offered to enroll in SCE's Smart Energy Program, which incentivizes customers through bill credits to reduce grid demand. The program primarily targets SCE customers residing in the hotter Climate Zones within our service area, including Hard-to-Reach (HTR) and Disadvantaged Community (DAC) customers. To be eligible for the program, customers must have an active SCE account, own or rent a Single-Family home / Multifamily unit, and reside in an eligible Climate Zone.

SCE: Marketplace (SCE_3P_2020RCI_001)

Implementer: Enervee

SCE's Marketplace delivers an innovative "online market" experience used to drive SCE residential customers to purchase more energy efficiency consumer products. This program employs online technology solutions designed to increase their shopping experience, moving customers towards more energy efficiency choices. In addition, this program directs customers to low-interest Eco Financing

(GoGreen⁵) as well as many different cost saving efficiency products at best retail price. This program is open to all single, multi and mobile home SCE customers in our territory including Hard to Reach (HTR) and Disadvantaged Community customers. The only qualifications needed for this program is that customers are able to access the internet and have up-to-date browser software protocol.

SCE: Disadvantaged Communities Marketing and Outreach (SCE_Res_Equity_003)

Implementer: Global Energy Services, Inc.

The Disadvantaged Community Marketing Outreach (DACMO) will target Disadvantaged Communities (DAC) and the Hard-to-Reach (HTR) and underserved communities to increase residential customers' participation in Energy Efficiency (EE), Demand Response (DR), and Electrification programs. DACMO will address barriers to participation by providing a comprehensive program with multilingual staff, an advertising campaign that targets language-specific local media, a toll-free hotline, a multilingual website, booths at community events, social media presence, and strategic partnering with local governments. DACMO will reach out to Southern California Edison's (SCE) DAC/HTR and underserved communities (Targeted market/Customer group). DACMO will provide marketing education and outreach (ME&O) through the following activities.

Residential Coordination

For its residential programs, 3C-REN and the IOUs engage in regular communication through email and meetings. 3C-REN and the IOUs have also developed a Multifamily program protocol to verify customer eligibility to prevent "double dipping." This has required the data requestor (i.e., implementer) to complete an in-depth security review and data sharing agreements among implementers, 3C-REN, and IOUs to ensure customer data is protected. For the 3C-REN Single Family program, PG&E is sharing customer data, but the other two IOUs are not. However, the process to allow SCE and SCG to share the data has begun. To ensure that 3C-REN is aware of other programs and resources, the IOUs will provide written notice of any third-party implemented new program in the form of notice sent to the R.13-11-005 service list when filing a Tier 2 Advice letter to the R.13-11-005 service list, as well as an invitation to the public webinar for all stakeholders. Changes or updates to the third-party and SCE-led programs are also communicated via quarterly meetings between 3C-REN and IOUs.

To ensure that customers are aware of others' programs, where that administrator does not have a similar offering, 3C-REN and the IOUs will continue to have regularly reoccurring meetings to develop and employ coordination practices to ensure that there are protocols for customer referrals should either party identify an opportunity for another's program. 3C-REN ensures the hand off the customer to the recommended party will occur while the customer is engaged by email/phone to ensure a seamless service experience for the customer between 3C-REN and the other's program. As new programs come online, the PAs will coordinate and share new information as it becomes available. JCMs will not be updated out of cycle.

3C-REN Commercial Sector

3C-REN: Commercial Marketplace (TCR-Com-001)

The Commercial Marketplace program will offer commercial customers increased technical assistance, project support, and financing options. The Commercial Marketplace program will implement

comprehensive incentive offerings for energy improvements through population NMEC program targeting HTR business customers. By doing so, multiple benefits can be realized through one central effort. NMEC offers the opportunity to realize stranded savings from measures that have been sunset from deemed savings-based EE programs, yet still offer savings opportunities for underserved commercial customers who need these upgrades. In addition, the NMEC approach showcases a clear and direct relationship between a business's efforts and associated benefits, adding public value to this offering. 3C-REN: Commercial Marketplace (TCR-Com-001)

Through two branches of the commercial program—Green Business Program (GBP) support and a new NMEC pathway—3C-REN will provide technical and financial assistance to local businesses for implementing energy saving measures, focusing on HTR customers. Customer participation can include education on local program offerings and benefits, implementing measures as part of Green Business certification, and/or making upgrades as part of a NMEC program offering incentives. These efforts will yield energy savings, enhanced customer service, community support and awareness of energy efficiency resources, and key partnership development with local organizations. HTR commercial customers will be targeted for participation as a priority for both 3C-REN and the GBPs. The program will optimize resources, communications, and resulting participation potential.

Table 3: Compliance with REN Program Criteria: Commercial

REN Criteria	3C-REN TCR-Com-001
1. Activities that utilities or CCA PAs cannot or do not intend to undertake	The Commercial Marketplace program is positioned to address HTR customer segments. PG&E's Simplified Savings Micro/Small Equity Program is distinctly designed for this segment. Targeting Disadvantaged Communities and/or Hard-to-Reach customers located in DAC areas or qualifying for HTR. Customers that have a demand of 50 kW or less, and not have more than 10 sites in their ownership group.
2. Pilot activities where there is no current utility or CCA program offering and where there is potential for scalability	N/A
3. Activities in hard-to-reach markets, whether or not there is another utility or CCA program that may overlap	In adherence to D.23-06-055, 3C-REN's commercial initiative is designed to cater to hard-to-reach customers and Disadvantaged Communities (DACs) within its jurisdiction. The Commercial Marketplace program provides an NMEC project pathway, allowing for adaptable savings captured across various commercial facilities and project types. This initiative is complemented by locally focused outreach and assistance, aiming to secure positive outcomes for HTR businesses. In 2024 and beyond, outreach initiatives aim to utilize a database of property owners to tailor outbound marketing endeavors, ensuring a focused approach towards hard-to-reach audiences.

3C-REN: Energy Assurance Services (TCR-CC-001)

The Energy Assurance Services (EAS) program will provide outreach and technical assistance to support public sector and commercial customers in pursuing comprehensive load management and resiliency projects through other rebate programs available in the region from 3C-REN and other PAs. This program design builds on 3C-REN member agency Santa Barbara County's existing Energy Assurance Services program for critical facilities and expands it to cover the entire 3C-REN territory with a cross-cutting approach and broader focus on both public and commercial customers.

Table 4: Compliance with REN Program Criteria: Cross-cutting - EAS

REN Criteria	3C-REN TCR-CC-001
1. Activities that utilities or CCA PAs cannot or do not intend to undertake	The 3C-REN program offers on-the-ground support for energy audits, data analysis to understand project opportunities for public and commercial facilities, as well as guidance in navigating the process of finding and applying for the appropriate program. 3C-REN will expand Santa Barbara County's current Energy Assurance Services program to cover the entire 3C-REN territory with a broader focus on public and commercial sector customers.
2. Pilot activities where there is no current utility or CCA program offering and where there is potential for scalability	N/A
3. Activities in hard-to-reach markets, whether or not there is another utility or CCA program that may overlap	N/A

IOU Commercial Programs

SoCalGas

The Commercial Energy Efficiency (CEE) Programs offers California's commercial customers a statewide-consistent suite of products and services to overcome the market barriers to optimized energy management. The program targets integrated energy management solutions through strategic energy planning support; technical support services, such as facility audits, and calculation and design assistance; and financial support through rebates, incentives, and financing options. Targeted end users include all commercial sub-segments such as distribution warehouses, office buildings, hotels, motels, restaurants, schools, trade schools, municipalities, universities, colleges, hospitals, retail facilities, entertainment centers, and smaller customers that have similar buying characteristics.

SCG 3813: Commercial – Savings By Design Program

Savings by Design (SBD) promotes integrated design by providing owner incentives, design team incentives, and design assistance to participants who design spaces that perform at least 10% better than Title 24. SBD encourages energy-efficient building design and construction practices. SBD offers in collaboration with LADWP in their respective shared territories.

SCG 3882: COM-Small and Medium Commercial EE Program (Resource Acquisition)

This program targets small and medium businesses customer facilities in San Bernadino, Riverside, and Orange County (with therm usage up to 50,000 therms per year) with an emphasis on restaurants, lodging, dry cleaning, retail, and offices among other segments. The program will focus on helping businesses in disadvantaged communities improve their competitiveness by saving energy through several program resources, including assessments, kits, and prescribed incentives.

SCG 3887: COM-Commercial-BEST (Resource Acquisition)

This program targets small and medium businesses excluding San Bernadino, Riverside, and Orange County that have an annual gas energy usage up to 50,000 therms. The program will have an emphasis on customer segments with predominantly high natural gas loads, such as hospitality, restaurants, laundries, small medical, and office buildings. The program will offer a suite of measures that have a set incentive rate as well as measures that are offered through Direct Install. The program will utilize a comprehensive outreach strategy that leverages Business Energy Advisors, contractor/trade allies and community-based organizations that cater to small and medium-sized businesses. Financing support for customers who participate in the program will also be leveraged by offering access to several financing agencies based on the company and project history, project size, and project scope.

SCG 3891: Service RCx+ Program

The program offers participating customers population-level normalized metered energy consumption (NMEC)-based energy savings through the direct implementation of retrocommissioning (RCx) and optimization services at large commercial facilities throughout the SoCalGas service territory.

SCG 3892: COM-Large Commercial Energy Efficiency Program

The program serves large commercial customers with annual gas consumption of more than 50,000 therms. Market segments that will be serviced include, but are not limited to office, retail, healthcare, lodging, food service, laundry & dry cleaning, gymnasiums, family entertainment centers, and all other commercial segments. The program offers a tailored approach that includes segment-specific marketing, targeted outreach, site-specific energy audit reports, technical assistance, financing, deemed rebates, custom incentives, and measurement and verification. Energy efficiency upgrades are delivered with a full- service, pay-for-performance approach.

SCG 3898: COM-Nonresidential Behavioral Program

SCG is running a behavioral energy efficiency program, which offers behavior intervention strategies to commercial participants to achieve short-term energy and budget savings that can persist and produce long-term behavior change and energy savings. This is achieved by fostering participant

engagement, ensuring participant satisfaction, and providing energy education and upgrades through regular and participant-specific touchpoints in the form of digital Business Energy Reports (BERs) and a web-based education portal through the lazy-login feature. Behavioral programs are required to employ comparative energy usage and disclosure, ex-post measurement, and experimental design. In the commercial sector, randomly selected customers receive their usage feedback via paper and email reports leveraging their usage data. This program includes the use of normative or comparative information, personalized communication about the customers' energy usage, and any other demographic factors.

SCG 3909: Business Energy Efficiency Surveys (BEES)

The Business Energy Efficiency Surveys (BEES) program is a non-residential energy assessment program that offers SoCalGas customers in the Commercial, Industrial and Agriculture sectors no-cost energy surveys and referrals to applicable energy efficiency, and water conservation programs. Services include hosting educational webinars for each non-residential sector, customer screening and acquisition, report generation and presentations to customers, and follow-up calls and meetings with other energy efficiency programs to drive customer action to conduct constant improvements.

SCG 3910: CC-Nonresidential Calculated Incentives Program

This program provides customers technical and calculation assistance, as well as incentives based on calculated savings, to influence the design and installation of energy efficient equipment and systems in both retrofit and added load applications. This program is largely utilized for projects where a rebate is not available through a Deemed program, where project conditions require customized calculations to provide the most accurate savings estimates, or where a project has interactive effects that are best captured through whole building or whole system modeling.

Because calculated savings estimates are based on actual customer operating conditions, pre-inspections (for retrofit projects) and post-inspections are typically required as part of each project's documentation.

SCG 3911: CC-Nonresidential Deemed Incentive Program

This program provides rebates for the installation of energy efficient equipment. Deemed retrofit measures have prescribed energy savings and incentive amounts and are generally intended for projects that have well defined energy and demand savings estimates. The program model is designed to reduce the initial purchase costs of such equipment and offer a simple application process. Providing a menu of prescribed common measures simplifies the process of reviewing project proposals and provides a "per-widgit" rebate that reduces the cost of retrofitting outdated, inefficient equipment and new construction measures.

SCG 3937: COM-Small and Medium Commercial EE Program Equity

This cost-effective program is categorized as Resource Acquisition, but it has a significant Equity Segment focus. This program targets small and medium businesses customer facilities (with therm usage up to 50,000 therms per year) with an emphasis on restaurants, lodging, dry cleaning, retail, and offices among other segments. The program will focus on helping businesses in disadvantaged communities improve their competitiveness by saving energy through several program resources,

including assessments, kits, and prescribed incentives.

SCG 3940: COM-Commercial-BEST

This cost-effective program is categorized as Resource Acquisition, but it has a significant Equity Segment focus. The program targets small and medium businesses excluding San Bernadino, Riverside, and Orange County that have an annual gas energy usage up to 50,000 therms. The program will have an emphasis on customer segments with predominantly high natural gas loads, such as hospitality, restaurants, laundries, small medical, and office buildings. The program will offer a suite of measures that with incentives complimented with Direct Install measures. The program uses a comprehensive outreach strategy that leverages Business Energy Advisors, contractor/trade allies and community-based organizations that cater to small and medium-sized businesses. Financing support for customers who participate in the program will also be leveraged by offering access to several financing agencies based on the company and project history, size, and scope.

Please refer to CEDARS for updated program information, descriptions, and program codes.

PG&E

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.

PG&E: Commercial Deemed Incentives Program (PGE 21012)

The Commercial Deemed Incentives program offers a limited number of prescriptive rebates directly to customers, vendors, or distributors for the installation or sale of energy efficient equipment. These measures reach across technology segments including agriculture, HVAC, refrigeration, and water heating, where there is not an overlap with Statewide programs. While reduced, the prescriptive rebate approach continues to fill gaps in other programs and remains an attractive option for smaller projects.

PG&E: California Energy Design Assistance All-Electric (CEDAE) Program (PGE_SW_NC_Res_electric)

Implementer: Willdan

The statewide CEDAE program serves commercial, public, high-rise multifamily residential, industrial, and agricultural new construction sectors, and major alterations 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 energy efficiency (EE), greenhouse gas reductions, 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 enrolls 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, Integrated Demand Side Management (IDSM)

support and data tracking to inform future codes and standards. For more information, visit [California Energy Design Assistance \(willdan.com\)](https://willdan.com).

PG&E: California Energy Design Assistance Mixed Fuel (CEDAM) Program (PGE_SW_NC_NonRes_Com_electric)

Implementer: Willdan

The CEDAM program serves commercial, public, high-rise multifamily, industrial, and agricultural new construction sectors, and major alterations facilities across the PG&E, SCE, SoCalGas, and SDG&E territories. CEDAM contributes to the IOUs' efforts to achieve their share of California's ambitious energy efficiency (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 gathers 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 decarbonize through key activities such as customer incentives, outreach and education, real-time energy modeling, verification, IDSM support and data tracking to inform future codes and standards. For more information, visit [California Energy Design Assistance \(willdan.com\)](https://willdan.com).

PG&E: Commercial Calculated Program (PGE 21011)

PG&E implements the Commercial Calculated Incentives program. Currently in the ramp-down process, this program is focused on meeting existing customer commitments, and closed to new applications. The program has provided financial incentives for non-residential customers to retrofit equipment or systems that exceed applicable code and/or industry standards in existing buildings. Its mission has been to offer financial and technical assistance for customers to undertake retro-commissioning (RCx) projects and implement measures that improve facility operations. These elements of service have been built into third-party programs which address most customer circumstances.

PG&E: Commercial Energy Advisor Program (PGE 21014)

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 Checkup⁶. 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.

⁶ 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.

PG&E: CoolSave Grocery Retrofit & Commissioning Program (PGE_COM_001)

Implementer: KW Engineering

CoolSave is a comprehensive retrofit and commissioning program that targets the energy-intensive supermarket sector. It is an innovative, pay-for-performance, efficiency and demand response (DR) program.

The program provides technical assistance and incentives for participants, via two program pathways:

- Comprehensive retrofits with significant capital investment (CapEx Projects)
- Low-cost retro-commissioning and minor equipment retrofits (OpEx Projects)

Grocery stores can receive up to \$2,000 for OpEx energy-saving solutions and \$0.12/kWh saved for CapEx projects (capped at 100% of project cost).

The program applies a site-level normalized metered energy consumption (NMEC) approach, quantifying energy consumption at the building's electricity meter. The program delivers cost-effective capital, retro-commissioning, and demand-response results to medium and large-size grocery and retail chains with grocery segments. The program addresses a wide array of end-uses including commercial refrigeration, controls, HVAC, lighting, cooking, and packaging but is specifically targeted at improving refrigeration and refrigeration controls.

CoolSave provides free technical assistance and financial incentives to eligible mid-size and large grocers. Free store energy scoping studies and implementation support make projects easier and more successful. No-cost services provided to the customer include:

- Project Scoping,
- Savings Analysis
- Retro-Commissioning
- Technical Assistance
- Commissioning
- Demand Response Integration
- Financing Support (via On-Bill-Financing).

PG&E: SmartLabs Program (PGE_Comm_002)

Implementer: KW Engineering

The Smart Labs Program provides an innovative delivery approach to medium to large commercial and institutional laboratories with an emphasis on advanced control of ventilation and HVAC systems. The program focuses on providing laboratory owners with expert assessments resulting in reduced overall ventilation rates to achieve energy savings. The program also includes the development of a performance management plan for the facility to ensure that the systems continue to operate optimally and that changing facility needs are properly managed.

The Smart Labs Program targets energy reductions through a clear process of assessment, planning, and execution. Each lab is unique, but the process is replicable, scalable, and proven. The process begins

with a brief scoping study to determine program fit, with selection based on building characteristics and participant engagement. Once selected, the team follows 3Flow's Smart Labs assessment methodology to develop recommended measures. The program then provides incentives and technical assistance to install and commission the measures. Finally, the team provides ongoing measurement and verification as well as tailored lab performance management plan to ensure project success and savings persistence.

Smart Labs Program specializes in ventilation systems for laboratory buildings, the program provides lab owners with expert technical assessments to optimize HVAC, ventilation, and air circulation system performance and associated energy savings, the development of a performance management plan for the facility allows for the persistent safe and efficient operation.

Program Participants will receive extensive risk assessment services and audits that establish the foundation for adjustments to ventilation, fume hoods, and controls, expert technical assistance during the implementation phase, and performance-based incentives to drive participants to complete projects and maintain efficient operation during the 12-month performance period.

This program focuses on an NMEC approach but will consider capital projects on a limited basis for lighting and refrigeration measures.

PG&E: NetOne Commercial Program (PGE_Com_003)

Implementer: Ecology Action

The NetOne Program is designed to serve customers with over 20kW annual usage, with a primary focus on the commercial sector including large offices, large retail, grocery, food storage, warehousing, multi-use buildings, and restaurants. NetOne utilizes both Population and Site-based normalized metered energy consumption platforms (NMEC) as well as supporting measures through the deemed workflow. Some of the target measures are Interior and Exterior Lighting, ASH Control, Refrigerated Case Doors, Heat Pump Water Heaters, and HVAC Controls.

NetOne is a direct install program that works directly with customers or through our trained Contractor Partner network. NetOne offers a full suite of services including technical and engineering support, project management, On-Bill Financing (OBF) rebate/incentive processing, and both Population and Site NMEC pathways. NetOne has a specific focus on the Medium to Large Commercial Sector and Multi-site customers and serves the entire PG&E territory.

PG&E: Advanced Energy Program for High Tech and Biotechnology (PGE_Com_004)

Implementer: Resource Innovations

The Advanced Energy Program is a customer-centric demand side management (DSM) program offering tailored solutions for high-tech and biotech (HTBT) customers.

The program focuses on identifying and implementing energy efficiency opportunities in the unique HTBT sector, 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 retro-commissioning (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 and bio-tech 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.

PG&E: Healthcare Energy Fitness Initiative (PGE_Com_005)

Implementer: Resource Innovations

The Healthcare Energy Fitness Initiative (HEFI) is a customer-centric demand side management (DSM) program that offers tailored solutions for PG&E's healthcare customers including public or private inpatient (hospital), outpatient (clinics), and residential living facilities. HEFI focuses on the highest potential end uses in the healthcare segment, including HVAC retrofits, controls, and optimization – including central heating, cooling, and steam plants; lighting fixtures and advanced lighting controls; process and equipment loads, refrigeration, and plug loads.

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. This is 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.

PG&E: Simplified Savings Micro/Small Equity Program (PGE_Com_SmallBiz)

Implementer: Resource Innovations

Simplified Savings targets Micro and Small Businesses (MSB) within Disadvantaged Communities and/or Hard-to-Reach customers located in DAC areas or qualifying for HTR. The program outreach is primarily undertaken by participating small contractors from the target area as well as through Community Based Organizations. Eligible customers must receive gas or electric service through a PG&E meter, have a demand of 50 kW or less, and not have more than 10 sites in their ownership group.

The program offers energy efficiency training and audit, select direct install measures, as well as any active deemed measures in the current PG&E catalog. Trade Allies will be recruited for work in their own communities, be training in the Direct Install and Add On Opportunity the program offers and be provided with electronic site audit training and tools resulting in an immediate list of options for each customer location. It is intended that customers who participate in the education, training, and behavioral coaching they receive to be prompted to take further equipment and measure related steps for bill reduction. Bill reduction and customer engagement are the primary measures of success. Energy savings will be tracked, but the focus of the program is to engage micro and small customers for the primary goal of no cost behavioral changes, education on this and related programs for Micro and Small customers, engagement of more customers with their local CBOs for resources, longer term impact for bill reduction, and possible enrollment in the California Green Business Network.

SCE

SCE administers and/or implements five different commercial sector programs, two of which are statewide. The Commercial Energy Advice program focuses on Small Medium Business (SMB) solutions for HTR and DAC customers. Strategic Energy Management (SEM) has not gone to market yet but plans to target commercial segment customers for providing NMEC and behavior cohort solutions to customers. Last, the Commercial Energy Efficiency Program focuses on customers with usage of greater than 20kW; however, all commercial customers are eligible to participate. Traditionally, commercial energy efficiency programs offer programs to customers in the areas: retail, restaurant, property management, grocery, warehouse, and hotels.

SCE: Simplified Savings (SCE_SMB_Equity_001)

Implementer: Resource Innovation

The Simplified Savings Program aims to deliver meaningful energy bill savings to Southern California Edison's (SCE's) Small and Medium Business (SMB) customers operating within Disadvantaged Communities¹ (DAC) and/or are considered Hard-to-Reach customers (HTR). The Program will achieve this through local partnerships with Trade Allies (TAs) such as The Ortiz Group, Environmental Innovations (EI), and California Green Business Network (CAGBN), as well as Community Based Organizations (CBOs) for customer outreach, and will offer services such as energy education, bill analysis, free direct install (DI) measures, and incentives for higher impact energy saving measures referred to as Post-DI measures. The focus is specifically on non-residential SCE customers.

SCE: Comprehensive Commercial Program (SCE_3P_2020RCI_005)

Implementer: Willdan

SCE's Comprehensive Commercial Program provides comprehensive EE to commercial SCE customers. This program uses deemed, custom calculated, and Normalized Meter Energy Consumption (NMEC) approaches to reach customers across Commercial North American Industry Classification (NAICS) codes, including lodging, restaurants, grocery stores, warehouses, refrigerated warehouses, retail and technology and offices. This program was designed to increase Energy Efficiency adoption rates by targeting large customers, as well as small and medium customers. Small and medium customers include many hard-to-reach (HTR) customers and those in Disadvantaged Communities (DACs).

SCE: Commercial Strategic Energy Management (SCE_3P_SEM_001)

Implementer: TBD

SCE anticipates launching two Third-Party Commercial SEM programs in the market in Q2 2024. Implementation Plan development is pending CPUC Approval of Advice Letters.

Commercial Coordination

The NMEC portion of 3C-REN's commercial program has not yet launched at the time of JCM development. However, 3C-REN and the IOUs plan to engage in regular communication through email, with the potential for establishing a regular meeting schedule (for example, quarterly) if needed to streamline communication channels.

3C-REN and the IOUs will develop a protocol to verify customer eligibility to prevent “double incentives.” This will require the data requestor (i.e., implementer) to complete an in-depth security review and data sharing agreements among the implementer, 3C-REN, and IOUs to ensure customer data is protected.

Both the IOUs and 3C-REN program staff will present all available program options and evaluate customer needs on a case-by-case basis. If 3C-REN encounters a customer that it cannot serve through its program (perhaps through geographical requirements), or that would be better served by the IOU programs (perhaps due to customer size or project scope), it will hand off the customer to the appropriate IOU contacts. If the IOUs encounter a customer that they cannot serve or that would be better served by 3C-REN programs (perhaps due to customer size or project scope), the IOUs will hand off the customer to the appropriate 3C-REN contacts. As new programs come online, the PAs will coordinate and share new information as it becomes available. JCMs will not be updated out of cycle.

3C-REN Agricultural Sector

3C-REN: Agriculture Technical Assistance (TCR-Ag-001)

The Agriculture Technical Assistance program will take a relationship-based approach that relies on partnership-building and personalized, customized technical assistance to help improve customer education and program participation among agricultural customers in the tri-county region. Technical assistance could include but is not limited to benchmarking, energy assessments, referrals to complementary programs wherever possible, and project management assistance to shepherd customers through the participation process. This is a non-resource program that will feed participants into appropriate IOU agricultural programs. The program will provide specialized support for indoor agriculture/cannabis and water-energy nexus measures and focused outreach to smaller producers and socially disadvantaged agricultural customers.

Table 5: Compliance with REN Program Criteria: Agricultural

REN Criteria	3C-REN TCR-Ag-001
1. Activities that utilities or CCA PAs cannot or do not intend to undertake	The 3C-REN program serves smaller and socially disadvantaged agricultural customers that are not reached by utility, or other PA programs. By providing personalized, end-to-end technical assistance through identifying energy upgrade opportunities, and supporting customers in implementing these projects, this program will address barriers to energy efficiency implementation for agricultural customers. These customers not reached by utility, or other PA programs will be educated on existing and emerging programs so that they too can capitalize on energy savings opportunities.

2. Pilot activities where there is no current utility or CCA program offering and where there is potential for scalability	N/A
3. Activities in hard-to-reach markets, whether or not there is another utility or CCA program that may overlap	N/A

IOU Agricultural Programs

SoCalGas

The Agricultural Energy Efficiency (AEE) Program facilitates the delivery of integrated energy management solutions to California's agricultural customers. The program offers a suite of products and services, such as strategic energy planning support, technical support services, facility audits, calculation/design assistance, financing options, and financial support through rebates and incentives. In addition, the program adopts and supports the strategies and actions of the Agricultural and Industrial chapters of the CLTEESP and the energy efficiency business plan. The AEE Programs target end-users such as irrigated agricultural growers (crops, fruits, vegetable, and nuts), greenhouses, post-harvest processors (ginners, nut hullers, and associated refrigerated warehouses), and dairies. Due to North American Industry Classification System (NAICS) designations, food processors have traditionally received IOU services through the Industrial program offering. However, there are those facilities with on-site processing that are integrated with growers and their products, as is the case with some fruit and vegetable processors (canners, dryers, and freezers), prepared food manufacturers, wineries, and water distribution customers that may be addressed by this program's offerings. To address the potential in these markets, SoCalGas offers four AEE programs.

SCG 3719: Agricultural – Calculated Incentives

This program provides customers technical and calculation assistance, as well as incentives based on calculated savings, to influence the design and installation of energy efficient equipment and systems in both retrofit and added load applications. This program is largely utilized for projects where a rebate is not available through a Deemed program, where project conditions require customized calculations to provide the most accurate savings estimates, or where a project has interactive effects that are best captured through whole building or whole system modeling.

Because calculated savings estimates are based on actual customer operating conditions, pre-inspections (for retrofit projects) and post-inspections are typically required as part of each project's documentation.

SCG 3890: Agriculture Energy Efficiency (AgEE)

This program serves agricultural customers of all sizes by delivering energy efficiency solutions tailored to the agricultural sector. The program identifies and works with agricultural customers to help them understand the benefits of implementing energy saving projects and measures; provides technical and project development assistance as needed; offers financial incentives and financing options; and for DAC and HTR customers, provides direct installation of certain energy saving

measures.

SCG 3909: Business Energy Efficiency Surveys (BEES)

The Business Energy Efficiency Surveys (BEES) program is a non-residential energy assessment program that offers SoCalGas customers in the Commercial, Industrial and Agriculture sectors no-cost energy surveys and referrals to applicable energy efficiency, and water conservation programs. Services include hosting educational webinars for each non-residential sector, customer screening and acquisition, report generation and presentations to customers, and follow-up calls and meetings with other energy efficiency programs to drive customer action to conduct constant improvements.

SCG 3911: CC-Nonresidential Deemed Incentive Program

This program provides rebates for the installation of energy efficient equipment. Deemed retrofit measures have prescribed energy savings and incentive amounts and are generally intended for projects that have well defined energy and demand savings estimates. The program model is designed to reduce the initial purchase costs of such equipment and offer a simple application process. Providing a menu of prescribed common measures simplifies the process of reviewing project proposals and provides a "per-wadget" rebate that reduces the cost of retrofitting outdated, inefficient equipment and new construction measures.

Please refer to CEDARS for updated program information, descriptions, and program codes.

PG&E

PG&E: Agricultural Calculated Program (PGE 21031)

Implementer: PG&E

PG&E implements the Agricultural Calculated program. Currently in the ramp-down process, this program is focused on meeting existing customer commitments, and closed to new applications. These elements of service have been built into third-party programs which address most customer circumstances.

PG&E: Agricultural Deemed Incentives Program (PGE21032)

Implementer: PG&E

The Agricultural Deemed Incentives program provides fixed rebates for high volume measures such as variable frequency drives (VFDs) for irrigation pumps or process fans. Deemed retrofit measures have fixed incentive amounts per unit/measure and are intended for projects that have well-defined energy and demand savings. This is a legacy program implemented by PG&E and is in the process of ramping down.

PG&E: Agricultural Energy Advisor Program (PGE21034)

Implementer: PG&E

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 Checkup⁷, for agricultural 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.

PG&E: Agricultural Energy Savings Action Plan (AESAP) Program (PGE_Ag_001)

Implementer: TRC

The Agricultural Energy Savings Action Plan (AESAP) Program supports PG&E's vision for the agricultural sector to maximize yield while reducing energy consumption. AESAP uses data, technical assistance, analytics, energy efficiency measures and marketing to reduce demand, increase operational efficiency, and broaden customer participation while leveraging the custom, deemed, and meter-based savings platforms. AESAP also promotes and leverages OBF and other private financing options as a tool to offset the barrier of lack of capital to fund projects.

SCE

SCE: Agriculture Energy Efficiency Program (SCE_3P_2021AGPUB_001)

Implementer: ICF

SCE's Agriculture Energy Efficiency (AgEE) Program helps growers and producers incorporate Energy Efficiency equipment and technology at their facilities. This program is focused on Energy Efficiency improvements that help agriculture customers conserve electricity. Traditionally, SCEs agriculture customers are interested in controlled environment agriculture, non-dairy animal production, dairy animal production, irrigated crops, cold storage, and post-harvest processing. This program is open to all SCE agriculture customers in our territory including Hard to Reach (HTR) and Disadvantaged Community customers. There are no qualifications needed to receive educational material or agriculture energy efficiency solutions that help increase production and profits.

Agricultural Coordination

The 3C-REN agricultural program has not yet launched at the time of JCM development. However, 3C-REN and the IOUs plan to engage in regular communication through email, with the potential for establishing a regular meeting schedule (for example, quarterly) if needed to streamline communication channels.

⁷ 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.

3C-REN and the IOUs will present all available program options and develop a protocol to verify customer eligibility to prevent “double dipping.” This will require the data requestor (i.e., implementer) to complete an in-depth security review and data sharing agreements among the implementer, 3C-REN, and IOU to ensure customer data is protected. As new programs come online, the PAs will coordinate and share new information as it becomes available. JCMs will not be updated out of cycle.

Both the IOUs and 3C-REN program staff will evaluate customer needs on a case-by-case basis. The agricultural program’s purpose is to provide technical assistance to customers, including educating them on EE opportunities that meet their needs. When appropriate, 3C-REN will provide referrals to complementary IOUs programs wherever possible. These customers, in particular small or socially disadvantaged producers, will be shepherded through the incentive and emerging technology landscape so that they too can capitalize on energy savings opportunities.

3C-REN Public Sector

3C-REN: Energy Assurance Services (TCR-CC-001)

As referred to in the commercial section, the Energy Assurance Services (EAS) program will provide outreach and technical assistance to support public sector and commercial customers in pursuing comprehensive load management and resiliency projects through other rebate programs available in the region from 3C-REN and other PAs. This program design builds on 3C-REN member agency Santa Barbara County’s existing Energy Assurance Services program for critical facilities and expands it to cover the entire 3C-REN territory with a cross-cutting approach and broader focus on both public and commercial customers. Please refer to the commercial sector for the compliance table.

SCG

SoCalGas has served public sector customers for many years through its public energy efficiency programs, local government partnerships with cities and counties, state agencies through Statewide Partnerships, and higher education customers. SoCalGas will rely on a combination of existing, proven strategies and new, innovative program strategies to provide a complete set of energy efficiency solutions for the public customers. Public sector customers are generally governed by a centralized decision-making authority uniquely positioned to transform their organization’s decision-making processes. These structures are well-positioned to achieve deeper energy efficiency and adopt other demand-side management solutions (including clean renewables) to help reduce operational costs and environmental impacts in support of federal, state, and local mandates.

SCG 3886: Public Small/Medium Public Program

This program is a turnkey cost-effective end-to-end solution for SoCalGas that serves small and medium local government, federal government, and education (K-12) facilities that consume less than 50,000 therms annually. The program offers -cost direct install technologies, co-payment rebates, energy surveys, and program offers advanced energy efficiency improvements that can be financed.

SCG 3899: Large Public Sector Program

The Large Public Sector in CA experiences many barriers to implementing energy efficiency (EE) projects or measures because of bureaucratic customer procurement processes, long project cycles and decision making, and a proliferation of out-of-territory stakeholders. The Large Public Sector Program (LPS Program) brings key interventions to overcome these unique barriers. The interventions are custom projects through capital infrastructure upgrades, deemed measures, and direct install as a target opportunity for this type of customer. For SoCalGas customers of large local government, federal government, and education (K-12) facilities that consume over 50,000 therms annually. customers and allow for more flexible engagement that demonstrates the value of regional partnering while maintaining direct relationships with existing partners and implementers as well as developing new relationships with public agencies.

SCG 3912: PUB-Regional Energy Pathways

Public Sector Regional Energy Pathways is a transition from the existing Local Government Partnership (LGP) model. In an effort to build on successes and lessons with the LGP model, SoCalGas will update Public Sector partnering approach to ensure we are providing valuable programs and services for all Public Sector customers. The objective of this model is to maintain support for local government partners along with all Public Sector customers and allow for more flexible engagement that demonstrates the value of regional partnering while maintaining direct relationships with existing partners and implementers as well as developing new relationships with public agencies.

PG&E

PG&E: Local Government Partnership – CC LEAP

Since 2020, PG&E has had contracts with Local Government Partners (LGPs) within 3C-REN service area that support the following counties with the full LGP offerings: Santa Barbara & San Luis Obispo. Service includes support for energy efficiency project leads for PG&E's Government and K-12 Comprehensive resource programs.

PG&E's Local Government Partnerships (LGPs) are collaborations with public entities that shape EE and sustainability at the local, regional, and statewide level. These partnerships aim to meet the needs of local and state government, schools, and educational institutions to offer comprehensive solutions that are flexible, innovative, and a reflection of the communities' needs.

CC-LEAP provides support for K-12 public schools and offers energy planning services for public entities interested in benchmarking their facilities, pursuing local energy reach codes and ordinances serving public sector customers. LGPs are one of PG&E's vehicles for serving small medium businesses (SMB), including Hard-to-Reach and Disadvantaged Communities.

LGPs in Santa Barbara and San Luis Obispo provide utility bill analysis and site visits to develop a set of recommended energy efficiency and electrification interventions, to show what a local building or portfolio of buildings would need to do to meet local energy goals. The LGPs recommend the best available rebate, incentive, financing, technical assistance offerings, statewide, and other programs (ex. WISE) for all projects and interventions identified. PG&E LGPs offer long term plans such as Climate Action Plans and Energy Action Plans.

Services typically offered through LGPs include the following:

- Benchmarking public buildings
- Facilitating energy efficiency projects in public buildings and supporting implementation of Energy Management Processes/Plans
- Facilitating energy efficiency projects for HTR or DAC customers
- Facilitating hosting trainings for public sector staff and customers
- Performing level of enhanced engagement with public sector
- Development of Energy Action Plans
- Assistance in the development of local EE Reach Code ordinances
- Completing Municipal/K-12/Community-wide GHG inventories.

PG&E: Government and K-12 Schools Program (PGE_PUB_009)

Implementer: Willdan

The Government and K-12 Energy Efficiency (GK12) program is a comprehensive program that serves local government, local educational agencies, and federal customers of all sizes. GK12 operates across PG&E's entire territory.

GK12 uses deemed, custom, and NMEC platforms to deliver total system benefits. Targeted measures include fuel substitution measures such as Heat Pump Water Heaters and larger long lead custom projects, lighting through On-Bill Financing, retro-commissioning, and energy master planning and implementation across building portfolios. GK12 goes beyond energy savings to include integrated Demand Response with fuel substitution and fully Integrated Demand-Side Management solutions that deliver permanent peak load shift and reduction. GK12 provides both a turn-key direct install offering and a pathway for government agencies to access services while taking a traditional procurement approach. The program includes embedded QA/QC and M&V throughout program steps.

PG&E: RAPIDS Wastewater Program (PGE_PUB_010)

Implementer: AESC

The RAPIDS Program targets energy efficiency in public and private sector wastewater treatment and collection systems. The RAPIDS team of wastewater and energy efficiency experts collaborate with plant operators and decision-makers to provide solutions for improving plant efficiency while maintaining plant operation and reliability. Offering a wide range of processes and technical expertise combined with incentives and financing, the program strives to achieve drive deep, persistent, and long-lived energy savings. Additionally, the program considers the cascading effects of measures, including downstream energy, process, and operational implications.

Late in 2022, this program ceased soliciting new projects with the launch of a Statewide wastewater program. The RAPIDS program will continue working to obtain commitments for projects already proposed and to complete committed projects through 2024-2025.

PG&E: State of California Energy Strategy and Support Program (PGE_SW_IP_Gov)

Implementer: 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 California state agencies. SOC ESS is designed to overcome structural and operational barriers related to staffing and capacity, capital and financing, and safety to support 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.

SCE

SCE Public Energy Performance Program (SCE_3P_2021AGPUB_002)

Implementer: CLEAResult

The CLEAResult Public Energy Performance (PEP) program combines traditional energy efficiency programs (Custom, Deemed) with supported energy action plan implementation and Strategic Energy Management. Strategic Energy Management (SEM) is a holistic, whole facility approach that uses Normalized Meter Energy Consumption (NMEC) and dynamic baseline model to determine energy savings from all program activity at the facility, including capital projects, custom and deemed retrofits, behavioral, retro commissioning and Operations (BRO) projects. The SEM offering for the Public sector requires a multi-year customer commitment to participate in multiple cohort-type training workshops, individual or cohort energy analysis site and Measurement and Evaluation (M&V) activities based on information and characteristics of the facility's specific operations. The PEP program targets customers across the Public Sector and delivers savings to diverse building types owned by public/private local education authorities, municipal, county and federal governments, tribal entities, and private universities/trade schools. This program does not include public higher education institutions, state government facilities, or public hospitals.

Public Coordination

3C-REN's Energy Assurance Services program has not yet launched at the time of JCM development. However, 3C-REN and the IOUs plan to engage in regular communication through email, with the potential for establishing a regular meeting schedule (for example, quarterly) if needed to streamline communication channels.

3C-REN and the IOUs will develop a protocol to verify customer eligibility to prevent "double incentives." This will require the data requestor (i.e., implementer) to complete an in-depth security review and data sharing agreements among the implementer, 3C-REN, and IOUs to ensure customer data is protected.

Both the IOUs and 3C-REN program staff will present all available program options and evaluate customer needs on a case-by-case basis. If 3C-REN encounters a customer would benefit from an IOU program already operational, or after 3C-REN launches its program, it encounters a customer its future program cannot serve (perhaps due to geographical requirements), or that would be better served by the IOU programs (perhaps due to customer size or project scope), it will provide information about and refer the customer to the appropriate IOU contacts, and the IOUs will do the same if the reverse situation occurs. As new programs come online, the PAs will coordinate and share new information as it becomes available. JCMs will not be updated out of cycle.

3C-REN Cross-Cutting Sector

3C-REN: Energy Code Connect (TCR-CS-001)

The Energy Code Connect program offers local, in-person and on-line person-to-person trainings; Regional Forums; an Energy Codes Coach service that provides in-person, over the phone, and online expert assistance for energy codes and green building standards; and a HERS Rater training service to increase qualified raters in the region. The reach code support service has been suspended in the northern portion of the 3C-REN territory (PG&E) due to the Berkeley decision and the service is in the process of transitioning to new support service for jurisdictions. The target audience is all public and private sector building professionals impacted by energy code. This is a non-resource program.

Table 6: Compliance with REN Program Criteria: Cross-Cutting – ECC

REN Criteria	3C-REN TCR-CS-001
1. Activities that utilities or CCA PAs cannot or do not intend to undertake	The 3C-REN program offers on-the-ground support for energy audits, data analysis to understand project opportunities for public and commercial facilities, as well as guidance in navigating the process of finding and applying for the appropriate program. 3C-REN will expand Santa Barbara County's current Energy Assurance Services program to cover the entire 3C-REN territory with a broader focus on public and commercial sector customers.
2. Pilot activities where there is no current utility or CCA program offering and where there is potential for scalability	N/A
3. Activities in hard-to-reach markets, whether or not there is another utility or CCA program that may overlap	N/A

3C-REN: Building Performance Training (TCR-WET-001)

The Building Performance Training program supports building professionals and those seeking career pathways in residential and commercial design, construction, and related industries. Training is delivered locally and designed to meet the unique needs of the Tri-County region. The target audience is public and private building professionals needing more in-depth training in DACs and HTR areas, and educational institutions, as well as other key market actors. This is a non-resource program.

Table 7: Compliance with REN Program Criteria: Cross-cutting, WE&T

REN Criteria	3C-REN TCR-WET-001
1. Activities that utilities or CCA PAs cannot or do not intend to undertake	The 3C-REN program offers on-the-ground support for energy audits, data analysis to understand project opportunities for public and commercial facilities, as well as guidance in navigating the process of finding and applying for the appropriate program. 3C-REN will expand Santa Barbara County's current Energy Assurance Services program to cover the entire 3C-REN territory with a broader focus on public and commercial sector customers.
2. Pilot activities where there is no current utility or CCA program offering and where there is potential for scalability	N/A
3. Activities in hard-to-reach markets, whether or not there is another utility or CCA program that may overlap	N/A

3C-REN: Energy Assurance Services (TCR-CC-001)

As referred to in the Commercial section, the Energy Assurance Services (EAS) program will provide outreach and technical assistance to support public sector and commercial customers in pursuing comprehensive load management and resiliency projects through other rebate programs available in the region from 3C-REN and other PAs. This program design builds on 3C-REN member agency Santa Barbara County's existing Energy Assurance Services program for critical facilities and expands it to cover the entire 3C-REN territory with a cross-cutting approach and broader focus on both public and commercial customers. Please refer to the commercial sector for the compliance table.

IOU Cross-Cutting Programs: WE&T

SoCalGas

The Workforce Education, Training and Outreach (WET&O) sector represents a portfolio of education, training, and collaborative engagement between the IOUs and other stakeholders involved in energy education, training, and outreach at all points of the market channel. SoCalGas WET&O targets a

workforce of new and existing energy efficiency trade professionals, allies, as well as market channels and other customer intermediaries using a variety of market support interventions.

WET&O involves a coordinated working relationship between stakeholders, collaborators, and service providers. SoCalGas will work with public and private industry sectors to find new approaches, or advance existing means to provide beneficial value to the energy efficiency portfolio efforts.

SCG 3729: Integrated Energy Efficiency Training

The Workforce Education and Training (WE&T) Program represents a portfolio of education, training, and collaborative engagement between the IOUs and other stakeholders involved in energy education and training. SoCalGas WE&T targets an audience of incumbent workers and new workers entering the workforce through technical upskill and core energy education. WE&T actively seeks to make measured advancements in DACs and HTR communities. SoCalGas's Integrated Energy Efficiency Training (IEET) continued providing relative industry related trainings to attract audiences representing various occupations. These trainings allowed immediate application of increased knowledge and skills to trades & professions, defining the value of the SoCalGas IEET program portfolio. Within COVID-19 guidelines, WE&T - IEET delivered a hybrid of online webinars and in-person seminars to continue providing learning resources to customers. Delivering a hybrid training portfolio allowed for the effective and efficient delivery of training. As the training portfolio continues to evolve, the WE&T team continues to develop and implement best practices for providing training. IEET delivered its' HVAC/R portfolio industry classes utilizing both online and in-person training. The online delivery of classes was integrated with hands-on training sessions through video & online demonstrations. This training is important to new and incumbent workers in efforts to achieve industry certifications which include HVAC/R Support Training and North American Technician Excellence (NATE) courses and exams. IEET also effectively adapted to evolving circumstances to continue delivering quality training, consultations & demonstrations throughout the year. Events delivered high quality and informative course material designed to address gaps in new & incumbent workers & industry educational needs. Examples include Building Science, Distributed Energy, Green building Certifications, Resources (Combined Heat & Power) & Steam License Preparation webinars emphasizing compliance with building code design, energy-efficiency, and resource conservation.

SCG3760 HERS Rater Training Advancement

The program promotes, develops, and delivers training to currently certified Home Energy Rating System (HERS) raters, energy analysts, HVAC technicians, building department officials, other building trade professionals, residential homeowners, and technical students with a focus on participants involved in new and existing engineering and construction. The curriculum addresses technical and administrative elements of energy ratings, energy efficiency standards including changes based on updated Title 24 requirements, and industry best practices.

SCG3764 Residential – Living wise

The program is a school-delivered residential energy savings program that provides a blend of classroom activities and take-home energy efficiency kit retrofit and audit projects which students complete as homework assignments with their parents and families. Audit data and installation reports are collected via surveys, which are returned to teachers and forwarded for tabulation and storage. The program is

applied at the 6th Grade level in California to best align with State Learning Standards and is offered to eligible teachers as an elective program.

SCG3901 WE&T Community Support Outreach Program

The Community Support Outreach (CSO) Program is an in-language, non-resource, highly targeted EE marketing, outreach, and education program. The program targets DACs and HTR customers in underserved communities, such as Vietnamese, Indian, Chinese, Korean, and Hispanic speaking customers, and other ethnic customer segments across all sectors.

The program markets SoCalGas' EE programs with energy efficiency education and training, through professional organizations, schools, customer intermediaries, faith-based organizations, and community events. The program's marketing efforts garner interest and lead to participation in SoCalGas' EE Programs. CSO is active in all of SoCalGas territory.

SCG3909: Business Energy Efficiency Surveys (BEES)

The Business Energy Efficiency Surveys (BEES) program is a non-residential energy assessment program that offers SoCalGas customers in the Commercial, Industrial and Agriculture sectors no-cost energy surveys and referrals to applicable energy efficiency, and water conservation programs. Services include hosting educational webinars for each non-residential sector, customer screening and acquisition, report generation and presentations to customers, and follow-up calls and meetings with other energy efficiency programs to drive customer action to conduct constant improvements.

Please refer to CEDARS for updated program information, descriptions, and program codes.

PG&E

PG&E: WE&T Integrated Energy Education and Training (IEET) (PGE_21071)

Implementer: PG&E - Local

PG&E's local 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, foodservice, commercial, industrial, and residential. IEET typically provides in-person and web-based education and training programs, outreach events, and energy measurement tool loans.

PG&E: WE&T Career Connections (CC): Energy is Everything (EisE) (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 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”.

PG&E: WE&T Career & Workforce Readiness (CWR): Energize Careers (PGE_SW_WET_Work)

Implementer: Strategic Energy Innovations (SEI)

Energize Careers 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. 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 people with services and support to enter career pathways where they can leverage their energy efficiency knowledge and skills.

SCE

SCE: WE&T Integrated Energy Education and Training (IEET) Subprogram (SCE-13-SW-010A)

Implementer: SCE - Local

SCE’s local WE&T Integrated Energy Education & Training (IEET) subprogram offers local, in-person and on-line person-to-person trainings that evaluates applicable career pathways to help upgrade the knowledge, skills, and abilities of incumbent and potential workers in relevant trades. The core of this program is organized and delivered around SCEs market sectors, including cross-cutting sectors, to facilitate demand-side management (DSM) workforce knowledge and skills. The program highlights SCEs two Energy Education Centers (EECs or "Energy Centers") in Irwindale and Tulare. The target audience is all residential, non-residential, public, and private sector building professionals. This is a non-resource program open to all SCE customers in our territory including Hard to Reach (HTR) and Disadvantaged Community customers.

SCE: EE Contractor Demand Building Program (SCE_MarketSupport_002)

Implementer: SCE - Local

The EE Contractor Demand Building Program (CDBP) aims to address knowledge gaps related to Heat Pump Water Heaters (HPWH) within California’s Skilled Trade Workforce and increase HPWH installations across SCE’s service territory. The program participant pool includes both contractors and installers. CDBP is intended to support Disadvantaged Workers (DW) by offering on-location training, reducing barriers to the technology's adoption. Simultaneously, the program aligns with California’s Statewide Decarbonization Goals by providing participants with a HPWH upon training program completion, helping to encourage the use of knowledge gained immediately following their instructor led training. It is required that program participants install the received HPWH in the months following program completion, helping to reduce carbon emissions throughout the service territory.

IOU Cross-Cutting Programs: Finance

SCG

SCG 3735: On-Bill Financing

On-Bill Financing On-Bill Financing (OBF) offers interest-free, unsecured, repayment of loans on-the-utility-bill that work in conjunction with SoCalGas energy efficiency rebate programs. The program is designed to facilitate the purchase and installation of qualified energy efficiency measures by non-residential customers who lack up-front capital to invest in real and sustainable long-term energy cost reductions. Loan terms range from up to ten years for commercial customers and up to fifteen years for government agency customers. The eligible loan amount is based on the project cost, less incentives, or rebates, up to the loan maximum of the OBF product and within the loan term thresholds. Customer loan repayments are calculated to approximately equal the monthly energy savings and repaid through a fixed monthly installment on their utility bills. There is no prepayment penalty and loans are non-transferable. Partial or non-payment of loans could result in gas service disruption. On-Bill Financing (OBF) program features:

- Zero percent interest
- No closing costs
- Unsecured loan
- Loan repayment added directly to SCG utility-bill
- Works in conjunction with utility energy efficiency rebate programs.

Please refer to CEDARS for updated program information, descriptions, and program codes.

PG&E

PG&E: On-Bill Financing (PGE_OBFAP)

Implementer: PG&E

The OBF program provides qualified non-residential or multifamily PG&E customers 0% interest loans for energy efficiency retrofits. Loans are calculated based on energy savings and repaid on PG&E bills intending to be bill neutral. The PG&E Loan pool is revolving, thus loans are paid back, and then re-lent to new Customers to continue supporting energy efficiency project installations in California. Customers can apply for funding with or without participating in an incentive program, as long as there are energy savings associated with the project. Projects participating in a 3C-REN incentive program that are interested in OBF will be screened by 3C-REN and referred to the appropriate program or Implementer for assistance with the OBF application process.

For more information about PG&E OBF program, visit www.pge.com/obf.

SCE

SCE: New Finance Offerings Credit Enhancements (SCE-13-SW-007C1)

Implementer: SCE

SCE's New Finance Offerings Credit Enhancements provide zero percent interest loans to non-residential customers in the Commercial, Industrial, Agricultural and Public Sector market segments for the installation of Energy Efficiency projects. The OBF program incentivizes the installation of Energy Efficiency improvements by reducing the burden of upfront costs for the improvements while offering loan payment through the customer's utility bill.

SCE: New Finance Offerings (SCE-13-SW-007C)

Implementer: SCE

The New Finance Offerings is a suite of statewide financing programs known as the California Hub for Energy Efficiency Financing (CHEEF). The Program provides financing solutions at competitive rates to Residential, Multifamily, and Small Business customers that facilitate the installation of Energy Efficiency projects. The Program is administered by the California Alternative Energy and Advance Transportation Financing Authority (CAEATFA) in partnership with the California IOUs.

IOU Cross-Cutting Programs: Codes and Standards

PG&E and SCE: Compliance Improvement Subprogram (SCE-13-SW-008C and PGE_21053) and Reach Codes (Local Ordinance) (SCE-13-SW-008D and PGE_21054)

Implementers: SCE and PG&E

PG&E's and SCE's Compliance Improvement Subprograms assist with improving compliance for both the Energy Code (Title 24, Part 6) and select portions of the Algren standards (Title 24, Part 11), and California's Appliance Standards (Title 20). Compliance improvement activities complement advocacy work by enabling potential savings from C&S to be realized and persist over time. The Compliance Improvement subprogram targets market actors throughout the entire compliance supply chain by providing needs-based tools, training, resources and outreach. More information can be found at energycodeace.com.

PG&E's and SCE's Reach Codes Subprograms provide cost-effectiveness research and analysis, model ordinance language and other code development and implementation tools to local jurisdictions that are interested in pursuing local ordinances which extend beyond the state's minimum energy code requirements. The Reach Codes subprogram also addresses ordinances that extend over portions of the CALGreen standards (Title 24, Part 11), such as EV infrastructure requirements. More information can be found at localenergycodes.com.

Cross-Cutting: Codes and Standards & Workforce, Education, and Training Coordination

The IOUs and 3C-REN approach C&S and WE&T coordination with the goal of offering transparency through regular communication, efficiency through a collaborative approach to any shared resources, and support for the success of programs across the service area. The IOUs and 3C-REN meet on an as-

needed basis, with the goal of quarterly meetings, to coordinate the WE&T and C&S programs and will include discussion of the EAS program at these meetings.

3C-REN aims to provide coverage not currently being provided by the IOUs, as well as services targeting hard-to-reach markets that may complement existing IOU resources. The majority of 3C-REN's Energy Code Connect program activities are related to offering Energy Code and Green Building Standards trainings, regional forums, and the Energy Codes Coach service. Energy Code Connect also offered a reach code support service for jurisdictions in the 3C-REN PG&E territory. Due to the recent Berkeley decision, that service is being reimagined to meet jurisdictions where they are and bring support in unique ways.

The IOUs will provide 3C-REN with their respective lists of available WE&T and C&S trainings, including those in development stages. Whenever feasible, 3C-REN will leverage existing IOU curriculum and training by communicating training needs via email or in coordination meetings with the IOU. A clear chain of communication and identified contacts will be exchanged for each program and/or sub-program. IOUs' Compliance Improvement team representative will provide a list of trainings to 3C-REN on a quarterly basis, also available on the Energy Code Ace website.

Additionally, a standing agenda item at the quarterly meeting will be to discuss the topics of trainings in development, even if only at a high level. This will reduce the potential for duplication of efforts. Once 3C-REN reviews this list, 3C-REN will determine which existing offerings should be leveraged and coordinate with the IOUs to deliver these resources. 3C-REN will develop a calendar with potential dates of when these offerings can be delivered to various audiences in the Tri-County region. This calendar will be shared with the IOU's and scheduled based on the availability and resource requirements. When 3C-REN determines there is a training gap, 3C-REN will develop additional training resources and communicate that to the IOUs, working to avoid duplication by leveraging any existing resources. The IOUs will make the 3C-REN aware of resources available as courses are scheduled for delivery and new job aides (Energy Code Ace "resources" or "tools") are developed.

The Statewide C&S Team's annual training schedule is set at the beginning of the year and modified as building departments and other market actors request trainings. All offerings are posted on the Energy Code Ace website training page as courses are scheduled.

3C-REN and the IOUs will plan to meet quarterly on reach codes, with the option of combining with the Compliance Improvement meeting for efficiency as needed. The IOUs will make the 3C-REN aware of Reach Code subprogram cost-effectiveness research and analysis, model ordinance language and other code development and implementation tools. The IOUs will invite the 3C-REN to statewide Reach Codes meetings where other RENs are included. The Reach Code subprogram representatives will provide updates to the 3C-REN on relevant reach codes activities, at check-in meetings when reach codes are on the agenda or in ad hoc meetings as needed to supplement what is publicly available on LocalEnergyCodes.com. The 3C-REN will reciprocate with updates on regional progress in supporting jurisdictions interested in developing energy ordinance and direct customers to IOU subprogram work products when they can be utilized in lieu of duplicating efforts.⁸

⁸ Example: Cost Effectiveness Explorer tool, <https://explorer.localenergycodes.com>

Cross-Cutting: Energy Assurance Services Coordination

Although the Energy Assurance Services program has not yet launched at the time of the JCM development, the IOUs and 3C-REN will incorporate coordination about this program into its existing meeting and communication cadence. As the program serves public agencies that are also served through the other cross-cutting programs, collaboration in the public sector can appropriately happen through existing cross-cutting communication channels. Where appropriate, 3C-REN will also provide updates to the IOU commercial program contacts through 3C-REN's commercial program communication channels. As new programs come online, the PAs will coordinate and share new information as it becomes available. JCMs will not be updated out of cycle.

Third-Party Coordination

The IOUs may solicit third-party programs in addition to the programs noted above, which will be implemented by third-party implementers. The IOUs will work with the third-party implementers to share relevant 3C-REN program information with the program staff, to avoid duplication and streamline customer referrals, in alignment with direction in D.23-06-055 that IOUs "must convey information to third-party bidders during the solicitation process, for buildings that have a potential to be served by both IOUs' third-party implementers and regional energy networks (RENs), about RENs' efforts to identify hard-to-reach customers or buildings to target for marketing of REN programs."⁹ Learning from previous challenges associated with third-party implementer and REN overlap and coordination efforts, the parties will continue to work together to address potential overlap and coordinate more effectively moving forward through regularly reoccurring meetings to develop and employ third-party implementer overlap practices to ensure that there are protocols for customer duplicative implementers.

The IOU sector leads and if deemed appropriate by the sector leads, the third-party implementers and 3C-REN program staff will present all available program options and evaluate customer needs on a case-by-case basis. If 3C-REN encounters a customer that it cannot serve through its program (perhaps due to geographical requirements), or that would be better served by the IOU third-party programs (perhaps due to customer size or project scope), it will hand off the customer to the appropriate third-party contacts. If the third-party program encounters a customer that they cannot serve or that would be better served by 3C-REN programs (perhaps due to customer size or project scope), they will hand off the customer to the appropriate contacts. 3C-REN and IOUs will continue to have regularly reoccurring meetings to develop and employ third-party implementer coordination practices to ensure that there are protocols for customer referrals.

All IOUs provide solicitation schedules and updates at quarterly PRG meetings and CAEECC meetings. As programs are negotiated and launched, an advice letter will be filed with the R.13-11-005 service list, as well as a public webinar invitation for all stakeholders to join and learn and comment.

Statewide Program Coordination

Statewide programs are currently administered by the IOUs. Three of the four large CA IOUs (SCG, PG&E, and SCE) are included in this JCM. As a result, coordination protocols with each statewide

⁹ D.23-06-055 at p.130

program offered by the three IOUs included in this JCM have been discussed in the sector-specific sections above. For reference, the areas for coordination with statewide programs include commercial and cross-cutting.

At this time, the parties have not specifically identified offerings in the 3C-REN residential and commercial program offerings are substantially similar to any statewide programs; therefore, the parties to this JCM have determined that, at this time, regular coordination to avoid duplication is unnecessary. However, there are some aspects of the 3C-REN programs that may allow for and require coordination among programs. 3C-REN will provide referrals to statewide financing programs to program participants when appropriate. 3C-REN will also follow similar established coordination protocols for coordination with utility programs to ensure coordination with statewide programs.

The Statewide Programs available to customers are as follows:

Statewide Commercial Midstream Water Heating

Implementer: DNV Energy Systems USA (PA: SoCalGas)

A distributor-centric model design, which collaborates with a network of distributors that specialize in the sale of efficient natural gas and electric measures. Point-of-sale discounts and incentives are paid at the midstream level to distributors based on transactions and sales to contractors. All customers with commercial rate structures served by one of the four IOUs are eligible for program participation.

More information can be found on the Program Website¹⁰ or by contacting the lead IOU, SoCal Gas Company.

Statewide Upstream & Midstream Heating, Ventilation and Air Conditioning Program

Implementer: CLEAResult (PA: SDG&E)

The Statewide Upstream & Midstream Heating, Ventilation and Air Conditioning Program, known as Comfortably California, is an upstream and midstream program that offers HVAC measures including high-efficiency commercial unitary air conditioners, commercial heat pumps, commercial chillers, commercial space heating boilers, residential air conditioners, residential heat pumps, residential gas furnaces and residential gravity wall furnaces.

More information can be found on the Program Website¹¹ or by contacting the lead IOU, San Diego Gas and Electric Company.

Statewide Foodservice Instant Rebates program

Implementer: Energy Solutions (PA: SoCalGas)

The Statewide Foodservice Instant Rebate Program, California Energy Wise, delivers natural gas, electric and water savings by offering midstream POS incentives for the sale and installation of high-efficiency commercial food service equipment via turnkey implementation services including participant enrollment and engagement such as; identify eligible program participants and advocates and leverage

¹⁰ <https://www.statewide-waterheating.com/>

¹¹ <https://www.comfortablyca.com/>

established relationships to enroll them in the program, and perform direct customer outreach to the chain restaurant, education, and grocery sectors along with HTR/DAC customers. Energy Solutions is the implementer of this program with partner Frontier Energy. The intent of the program is to move the instant rebates program beyond just the retail point of sale strategy to capture more supply chain to customer interactions. The program has its own set up rebates and spiffs (for participating supply chain companies) to encourage their promotion of the program and stocking of EE qualified products.

More information can be found on the Program Website¹², additionally the Qualifying Product List (QPL) and participating distributor lists are located on the California Energy Wise / Rebates page. The lead IOU for this program is SoCalGas Company.

Statewide Plug Load Appliance Program

Implementer: CLEAResult (PA: SDG&E)

The Statewide Plug Load Application program, Golden State Rebate Program, provides instant rebates on energy-efficient products to help Californians save energy and live comfortably. Customers receive these rebates through coupons they can redeem in store or online at participating retailers. Eligible customers include:

- Residential customers
 - Customer must reside in a single-family, multi-family, or manufactured home.
 - Customer can be a homeowner or a renter. (Renter is responsible for obtaining the property owner's permission to install the product associated with the rebate.)

More information can be found on the Program website¹³, or by contacting the lead IOU, San Diego Gas and Electric Company.

Water Infrastructure & System Efficiency (SW WISE™) Program

Implementer: Lincus (PA: SCE)

The Statewide Water Infrastructure and System Efficiency™ Program (SW WISE™) is a downstream offering within the service territories of PG&E, SCE, SoCalGas, and San Diego Gas & Electric (SDG&E), providing EE solutions to water production, distribution, and water/wastewater treatment systems and oil field clear-water pumping systems. SW WISE™ serves facilities and systems including water agencies, private water companies, wastewater agencies, special districts, joint power authorities, local government agencies, investor-owned water utilities (IOUs), oil field water pumping customers, and other water pumping or treatment customers paying the Public Purpose Programs Charge (PPPC).

¹² <https://caenergywise.com/rebates/>

¹³ <https://goldenstaterebates.com/>

APPENDIX

JCM KEY	PA	Program ID	Program Name	Budget (2024-2025)	Sector	Resource/ Non-Resource	Measures										
							Lighting	Appliances	HVAC	Plug Load	Refrigeration	Custom	Lighting Controls	HVAC Controls	Whole Building	Water Heaters	Other
3C-REN																	
REN	3C-REN	TCR-Com-001	Commercial Marketplace	\$4,076,310	Commercial	Resource	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No
REN	3C-REN	TCR-AG-001	Agriculture Technical Assistance	\$845,543	Agricultural	Non-resource											
REN	3C-REN	TCR-CC-001	Energy Assurance Services	\$1,370,000	Cross-Cutting: Other	Non-resource											
REN	3C-REN	TCR-CS-001	Energy Code Connect	\$3,466,294	Cross-Cutting: C&S	Non-resource											
REN	3C-REN	TCR-Res-002	Multifamily Home Energy Savings	\$7,443,794	Residential	Resource	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No
REN	3C-REN	TCR-Res-003	Single Family Home Energy Savings	\$9,365,434	Residential	Resource	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No
REN	3C-REN	TCR-WET-001	Building Performance Training	\$3,968,514	Cross-Cutting : WE&T	Non-resource											
SoCalGas																	
IOU	SCG	SCG3910	CC-Nonresidential Calculated Incentive Program	\$3,202,880	Commercial	Resource	No	Yes	Yes	Yes	No	Yes	No	Yes	No	Yes	Yes
IOU	SCG	SCG3910	CC-Nonresidential Calculated Incentive Program	\$1,672,824	Public	Resource	No	Yes	Yes	Yes	No	Yes	No	Yes	No	Yes	Yes
IOU	SCG	SCG3910	CC-Nonresidential Calculated Incentive Program	\$4,040,253	Industrial	Resource	No	Yes	Yes	Yes	No	Yes	No	Yes	No	Yes	Yes
IOU	SCG	SCG3910	CC-Nonresidential Calculated Incentive Program	\$557,931	Agricultural	Resource	No	Yes	Yes	Yes	No	Yes	No	Yes	No	Yes	Yes
IOU	SCG	SCG3911	CC-Nonresidential Deemed Incentive Program	\$8,395,346	Commercial	Resource	No	Yes	Yes	Yes	No	Yes	No	Yes	No	Yes	Yes
IOU	SCG	SCG3911	CC-Nonresidential Deemed Incentive Program	\$3,052,795	Public	Resource	No	Yes	Yes	Yes	No	Yes	No	Yes	No	Yes	Yes
IOU	SCG	SCG3911	CC-Nonresidential Deemed Incentive Program	\$2,289,757	Industrial	Resource	No	Yes	Yes	Yes	No	Yes	No	Yes	No	Yes	Yes
IOU	SCG	SCG3911	CC-Nonresidential Deemed Incentive Program	\$1,526,398	Agricultural	Resource	No	Yes	Yes	Yes	No	Yes	No	Yes	No	Yes	Yes

JCM KEY	PA	Program ID	Program Name	Budget (2024-2025)	Sector	Resource/ Non-Resource	Measures										
							Lighting	Appliances	HVAC	Plug Load	Refrigeration	Custom	Lighting Controls	HVAC Controls	Whole Building	Water Heaters	Other
IOU	SCG	SCG3813	COM-Savings By Design Program	\$501,847	Commercial	Resource	No	No	No	No	No	No	No	No	Yes	No	No
IOU	SCG	SCG3912	PUB-Regional Energy Pathways	\$3,618,049	Public	Non-Resource											Yes
IOU	SCG	SCG3913	Management & Coordination	\$962,579	Public	Non-Resource											Yes
IOU	SCG	SCG3701	RES-Energy Advisor Program	\$977,958	Residential	Resource	No	No	No	No	No	No	No	No	No	No	Yes
IOU	SCG	SCG3702	RES-Residential Energy Efficiency Program - Resource Acquisition	\$27,060,539	Residential	Resource	No	Yes	Yes	No	No	No	No	Yes	No	Yes	Yes
IOU	SCG	SCG3958	RES-Residential Energy Efficiency Program - Equity	\$8,151,942	Residential	Resource	No	Yes	Yes	No	No	No	No	Yes	No	Yes	Yes
IOU	SCG	SCG3729	WE&T-Integrated Energy Efficiency Training Program	\$7,502,480	Cross-Cutting : WE&T	Non-Resource											Yes
IOU	SCG	SCG3890	AG-Agricultural Energy Efficiency Program	\$8,000,000	Agricultural	Resource	No	Yes	Yes	Yes	No	Yes	No	Yes	No	Yes	Yes
IOU	SCG	SCG3901	Community Support Outreach Program	\$1,925,157	Cross-Cutting : WE&T	Non-Resource											Yes
IOU	SCG	SCG3909	Business Energy Efficiency Surveys (BEES)	\$612,363	Commercial	Non-Resource											Yes
IOU	SCG	SCG3909	Business Energy Efficiency Surveys (BEES)	\$471,433	Public	Non-Resource											Yes
IOU	SCG	SCG3909	Business Energy Efficiency Surveys (BEES)	\$330,503	Industrial	Non-Resource											Yes
IOU	SCG	SCG3909	Business Energy Efficiency Surveys (BEES)	\$189,571	Agricultural	Non-Resource											Yes
IOU	SCG	SCG3887	COM-Commercial-BEST (Resource Aquisition)	\$3,577,556	Commercial	Resource	No	No	Yes	Yes	No	Yes	No	Yes	No	Yes	Yes
IOU	SCG	SCG3834	COM-LADWP Direct Install Program	\$1,895,210	Commercial	Resource	No	Yes	Yes	Yes	No	Yes	No	Yes	No	Yes	Yes

JCM KEY	PA	Program ID	Program Name	Budget (2024-2025)	Sector	Resource/ Non-Resource	Measures										
							Lighting	Appliances	HVAC	Plug Load	Refrigeration	Custom	Lighting Controls	HVAC Controls	Whole Building	Water Heaters	Other
IOU	SCG	SCG3892	COM-Large Commercial Energy Efficiency Program	\$9,057,309	Commercial	Resource	No	Yes	Yes	Yes	No	Yes	No	Yes	No	Yes	Yes
IOU	SCG	SCG3898	COM-Nonresidential Behavioral Program	\$1,164,537	Commercial	Resource	No	No	No	No	No	No	No	No	No	No	Yes
IOU	SCG	SCG3891	COM-Service RCx Large Commercial Program	\$1,871,710	Commercial	Resource	No	Yes	Yes	Yes	No	Yes	No	Yes	No	Yes	Yes
IOU	SCG	SCG3937	COM-Small and Medium Commercial EE Program (Equity) ⁷	\$6,996,848	Commercial	Resource	No	Yes	Yes	Yes	No	Yes	No	Yes	No	Yes	Yes
IOU	SCG	SCG3882	COM-Small and Medium Commercial EE Program (Resource Acquisition)	\$4,607,110	Commercial	Resource	No	Yes	Yes	Yes	No	Yes	No	Yes	No	Yes	Yes
IOU	SCG	SCG3899	PUB-Large Public Sector	\$3,743,361	Public	Resource	No	Yes	Yes	Yes	No	Yes	No	Yes	No	Yes	Yes
IOU	SCG	SCG3886	PUB-Public Direct Install Program	\$6,951,908	Public	Resource	No	Yes	Yes	Yes	No	No	No	Yes	No	Yes	Yes
IOU	SCG	SCG3833	RES-Burbank Water & Power Home Upgrade Program	\$962,579	Residential	Resource	No	No	Yes	Yes	No	Yes	No	Yes	No	Yes	Yes
IOU	SCG	SCG3861	RES-Community Energy Efficiency Outreach Program	\$8,556,252	Residential	Resource	No	Yes	No	No	No	No	No	Yes	No	Yes	Yes
IOU	SCG	SCG3884	RES-Comprehensive Mobile Home Program	\$4,278,126	Residential	Resource	No	NO	Yes	Yes	No	Yes	No	Yes	No	Yes	Yes
IOU	SCG	SCG3764	Living WISE	\$3,777,778	Cross-Cutting : WE&T	Non-Resource											Yes
IOU	SCG	SCG3829	RES-Marketplace	\$8,556,252	Residential	Resource	No	Yes	Yes	Yes	No	No	No	No	No	Yes	Yes
IOU	SCG	SCG3936	RES-Multifamily Energy Alliance Program (Equity)	\$5,347,658	Residential	Resource	No	No	Yes	Yes	No	Yes	No	Yes	No	Yes	Yes
IOU	SCG	SCG3889	RES-Multifamily Energy Alliance Program (Resource Aquisition)	\$4,278,126	Residential	Resource	No	No	Yes	Yes	No	Yes	No	Yes	No	Yes	Yes

JCM KEY	PA	Program ID	Program Name	Budget (2024-2025)	Sector	Resource/ Non-Resource	Measures										
							Lighting	Appliances	HVAC	Plug Load	Refrigeration	Custom	Lighting Controls	HVAC Controls	Whole Building	Water Heaters	Other
IOU	SCG	SCG3705	RES-Multifamily Whole Building Program (Equity)	\$6,198,926	Residential	Resource	No	Yes	No	No	No	No	No	No	Yes	No	Yes
IOU	SCG	SCG3938	RES-Multifamily Whole Building Program (Resource Aquisition)	\$6,198,926	Residential	Resource	No	Yes	No	No	No	No	No	No	Yes	No	Yes
IOU	SCG	SCG3832	RES-Pasadena Water & Power Home Upgrade Program	\$1,069,532	Residential	Resource	No	No	Yes	Yes	No	Yes	No	Yes	No	Yes	Yes
IOU	SCG	SCG3935	Clean Energy Program (Equity)	\$7,486,721	Residential	Resource	No	Yes	No	No	No	No	No	Yes	No	Yes	Yes
IOU	SCG	SCG3883	RES-Residential Advanced Clean Energy Program (Resource Acquisition)	\$4,278,126	Residential	Resource	No	No	Yes	Yes	No	Yes	No	Yes	No	Yes	Yes
IOU	SCG	SCG3824	RES-Residential Behavioral Program	\$8,888,888	Residential	Resource	No	No	Yes	Yes	No	Yes	No	Yes	No	Yes	Yes
IOU	SCG	SCG3885	RES-Residential Mobile Home Program	\$3,743,361	Residential	Resource	No	No	Yes	Yes	No	Yes	No	Yes	No	Yes	Yes
IOU	SCG	SCG3760	WE&T-HERS Rater Training Program	\$962,579	Cross-Cutting : WE&T	Non-Resource											Yes
IOU	SCG	SCG3830	Retail Partner Training Program	\$2,352,969	Cross-Cutting : WE&T	Non-Resource											Yes
IOU	SCG	SCG3714	IND-Strategic Energy Management	\$1,110,740	Industrial	Resource	No	No	No	No	No	Yes	No	No	No	No	Yes
IOU	SCG	SCG3939	COM-Strategic Energy Management	\$4,529,570	Commercial	Resource	No	No	No	No	No	Yes	No	No	No	No	Yes
IOU	SCG	SCG3940	COM-Commercial-BEST (Equity) ⁷	\$4,107,812	Commercial	Resource	No	Yes	Yes	Yes	No	Yes	No	Yes	No	Yes	No
IOU	SCG	SCG3941	CC-Sustainability Studio	\$1,469,940	Residential	Non-Resource											Yes
IOU	SCG	SCG3941	CC-Sustainability Studio	\$1,469,940	Commercial	Non-Resource											Yes
IOU	SCG	SCG3945	IND-Innovations to Industrials (i2i) SEM	\$3,750,790	Industrial	Resource	No	Yes	Yes	Yes	No	Yes	No	Yes	No	Yes	Yes
IOU	SCG	SCG3942	Training, Assistance, and Rebates (iSTAR) Program	\$1,834,259	Industrial	Resource	No	Yes	Yes	Yes	No	Yes	No	Yes	No	Yes	Yes

JCM KEY	PA	Program ID	Program Name	Budget (2024-2025)	Sector	Resource/ Non-Resource	Measures											
							Lighting	Appliances	HVAC	Plug Load	Refrigeration	Custom	Lighting Controls	HVAC Controls	Whole Building	Water Heaters	Other	
IOU	SCG	SCG3943	IND-Industrial Energy Partners (IEP) Program	\$8,704,687	Industrial	Resource	No	Yes	Yes	Yes	No	Yes	No	Yes	No	Yes	Yes	
IOU	SCG	SCG3944	IND-Refinery Gas Energy Efficiency (RGEEP) Program	\$11,311,439	Industrial	Resource	No	Yes	Yes	Yes	No	Yes	No	Yes	No	Yes	Yes	
IOU	SCG	SCG3735	FIN-On-Bill-Financing	\$1,057,566	Cross-Cutting: Finance	Non-Resource						Yes		Yes	Yes	Yes	Yes	
PG&E																		
IOU	PG&E	PGE21032	Agricultural Deemed Incentives Program	\$439,605	Agricultural	Resource	Yes	No	No	No	No	No	No	No	No	No	No	
IOU	PG&E	PGE21034	Agricultural Energy Advisor Program	\$355,064	Agricultural	Resource	No	No	No	No	No	No	No	No	No	No	Yes	
IOU	PG&E	PGE_Ag_001	Agricultural Energy Savings Action Plan (AESAP) Program	\$18,988,365	Agricultural	Resource	Yes	No	No	No	Yes	Yes	Yes	No	No	No	Yes	
IOU	PG&E	PGE21011	Commercial Calculated Incentives Program	\$50,000	Commercial	Resource	Yes	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	No	
IOU	PG&E-SW	SCE_SW_CSA_Appl	Advocacy - State Appliance Standards	\$4,860,606	Cross-Cutting: C&S	Resource	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	No	Yes	Yes	
IOU	PG&E-SW	SCE_SW_CSA_Bldg	Codes & Standards Advocacy - State Building Codes Advocacy	\$13,136,376	Cross-Cutting: C&S	Resource	Yes	No	Yes	Yes	Yes	No	Yes	Yes	No	Yes	Yes	
IOU	PG&E-SW	SCE_SW_CSA_Natl	Codes & Standards Advocacy - National Codes & Standards Advocacy	\$7,386,941	Cross-Cutting: C&S	Resource	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	No	Yes	Yes	
IOU	PG&E	PGE21012	Commercial Deemed Incentives Program	\$984,070	Commercial	Resource	Yes	No	No	No	Yes	No	No	Yes	No	Yes	No	
IOU	PG&E		Commercial Energy Advisor Program	\$ -	Commercial	Resource	No	No	No	No	No	No	No	No	No	No	Yes	
IOU	PG&E	PGE_Com_001	CoolSave Grocery Comprehensive Retrofit & Commissioning	\$2,001,005	Commercial	Resource	Yes	No	Yes	No	Yes	No	Yes	Yes	Yes	No	No	
IOU	PG&E	PGE_Com_002	Smart Labs	\$1,500,000	Commercial	Resource	Yes	No	Yes	No	Yes	No	Yes	Yes	Yes	No	No	

JCM KEY	PA	Program ID	Program Name	Budget (2024-2025)	Sector	Resource/ Non-Resource	Measures										
							Lighting	Appliances	HVAC	Plug Load	Refrigeration	Custom	Lighting Controls	HVAC Controls	Whole Building	Water Heaters	Other
IOU	PG&E	PGE_Com_003	NetOne	\$8,999,692	Commercial	Resource	Yes	No	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	No
IOU	PG&E	PGE_Com_004	Advanced Energy Program for High Tech & Biotech	\$2,926,871	Commercial	Resource	Yes	No	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No
IOU	PG&E	PGE_Com_005	Healthcare Energy Fitness Initiative	\$2,574,901	Commercial	Resource	Yes	No	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No
IOU	PG&E	PGE_Com_SmallBiz	Simplified Savings Micro-Small Business Program	\$6,000,000	Commercial	Non-resource	Yes	No	Yes	Yes	Yes	No	Yes	Yes	No	No	
IOU	PG&E-SW	SCE_SW_NC_NonRes_Res_electric	SW Non Res Res New Construction	\$11,710,339	Residential	Resource Market Support	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
IOU	PG&E-SW	SCE_SW_NC_NonRes_Res_mixed	SW Non Res Res Mixed New Construction	\$6,243,915	Residential	Resource Market Support	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
IOU	PG&E-SW	SCE_SW_NC_NonRes_Com_electric	SW Non Res Comm New Construction	\$7,387,294	Commercial	Resource Market Support	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
IOU	PG&E-SW	SCE_SW_NC_NonRes_Com_mixed	SW Non Res Comm Mixed New Construction	\$3,576,060	Commercial	Resource Market Support	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
IOU	PG&E-SW	SCE_SW_NC_NonRes_Ind_electric	SW Non Res Ind New Construction	\$1,939,428	Industrial	Resource Market Support	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
IOU	PG&E-SW	SCE_SW_NC_NonRes_Ind_mixed	SW Non Res Ind Mixed New Construction	\$6,102,612	Industrial	Resource Market Support	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
IOU	PG&E-SW	SCE_SW_NC_NonRes_Ag_electric	SW Non Res Ag New Construction	\$1,146,676	Agriculture	Resource Market Support	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
IOU	PG&E-SW	SCE_SW_NC_NonRes_Ag_mixed	SW Non Res Ag Mixed New Construction	\$2,744,724	Agriculture	Resource Market Support	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
IOU	PG&E-SW	SCE_SW_NC_NonRes_Pub_electric	SW Non Res Pub New Construction	\$16,379,560	Public	Resource Market Support	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
IOU	PG&E-SW	SCE_SW_NC_NonRes_Pub_mixed	SW Non Res Pub Mixed New Construction	\$1,429,004	Public	Resource Market Support	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
IOU	PG&E-SW	SCE_SW_NC_Res_electric	SW Res New Construction	\$33,013,845	Residential	Resource Market Support	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
IOU	PG&E	PGE_Pub_010	RAPIDS Wastewater Treatment Optimization Program	\$3,209,323	Commercial/Public	Resource	Yes	No	No	No	No	No	Yes	No	No	No	No

JCM KEY	PA	Program ID	Program Name	Budget (2024-2025)	Sector	Resource/ Non-Resource	Measures										
							Lighting	Appliances	HVAC	Plug Load	Refrigeration	Custom	Lighting Controls	HVAC Controls	Whole Building	Water Heaters	Other
IOU	PG&E	PGE_Pub_009	Government and K-12 (GK-12) Comprehensive Program	\$10,000,000	Public	Resource	Yes	No	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	No
IOU	PG&E	PGE21054	Compliance Improvement	\$11,406,798	Cross-Cutting: C&S	Non-resource	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	No	Yes	Yes
IOU	PG&E	PGE21054	Reach Codes	\$3,988,253	Cross-Cutting: C&S	Non-resource	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	No	Yes	Yes
SCE																	
IOU	SCE	SCE-13-SW-001F	Residential New Construction	\$86,449	Residential	Resource	No	No	No	No	No	Yes	No	No	Yes	No	No
IOU	SCE	SCE_Res_Equity_001	Residential Energy Advisor (Resource)	\$8,028,715	Residential	Resource	No	No	No	No	No	No	No	No	No	No	Yes
IOU	SCE	SCE_Res_Equity_002	Residential Energy Advisor (Non-Resource)	\$4,735,882	Residential	Non-Resource											
IOU	SCE	SCE-13-TP-001	Comprehensive Manufactured Homes Program	\$7,233,194	Residential	Resource	No	No	Yes	No	No	No	No	Yes	No	No	No
IOU	SCE	SCE-13-SW-001G	Residential Direct Install Program	\$17,495,480	Residential	Resource	No	No	Yes	No	No	No	No	Yes	No	No	No
IOU	SCE	SCE_3P_2020RCI_001	Marketplace	\$6,747,628	Residential	Resource	No	No	No	No	No	Yes	No	No	No	No	Yes
IOU	SCE	SCE_Res_Equity_003	Disadvantaged Communities Marketing and Outreach	\$4,111,157	Residential	Non-Resource											
IOU	SCE	SCE_SMB_Equity_001	Simplified Savings	\$14,255,045	Commercial	Resource	No	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes
IOU	SCE	SCE_3P_2020RCI_005	Comprehensive Commercial Program	\$57,430,655	Commercial	Resource	No	No	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes
IOU	SCE	SCE_3P_SEM_001	Commercial Strategic Energy Management	\$17,155,985	Commercial	Resource	No	No	No	No	No	Yes	No	No	No	No	Yes
IOU	SCE	SCE_3P_2021AGPU B_001	Agriculture Energy Efficiency Program	\$6,890,371	Agriculture	Resource	No	No	No	No	No	Yes	Yes	No	No	No	Yes
IOU	SCE	SCE_3P_2021AGPU B_002	Public Energy Performance Program	\$7,217,053	Public	Resource	No	No	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes

							Measures											
JCM KEY	PA	Program ID	Program Name	Budget (2024-2025)	Sector	Resource/ Non-Resource	Lighting	Appliances	HVAC	Plug Load	Refrigeration	Custom	Lighting Controls	HVAC Controls	Whole Building	Water Heaters	Other	
IOU	SCE	SCE-13-SW-010A	WE&T Integrated Energy Education and Training (IET) Subprogram	\$17,425,517	Cross-Cutting : WE&T	Non-Resource												
IOU	SCE	SCE_MarketSupport_002	EE Contractor Demand Building Program	\$4,334,265	Cross-Cutting : WE&T	Non-Resource												
IOU	SCE	SCE-13-SW-008C	Compliance Improvement Subprogram	\$6,280,737	Cross-Cutting: C&S	Non-Resource												
IOU	SCE	SCE-13-SW-008D	Reach Codes (Local Ordinance)	\$2,671,800	Cross-Cutting: C&S	Non-Resource												
IOU	SCE	SCE-13-SW-007C1	New Finance Offerings Credit Enhancements	\$4,460,322	Cross-Cutting: Finance	Non-Resource												
IOU	SCE	SCE-13-SW-007C	New Finance Offerings	\$3,939,365	Cross-Cutting: Finance	Non-Resource												
IOU	SCE-SW	SCE_SW_PLA	Plug Load and Appliance	\$10,198,750	Residential	Resource	No	Yes	No	Yes	No	No	No	No	No	No	No	
IOU	SCE-SW	SCE_SW_HVAC_QIQM	Res HVAC QI/QM	\$8,177,872	Residential	Resource	No	No	Yes	No	No	No	No	Yes	No	No	No	
IOU	SCE-SW	SCE_SW_HVAC_Up_Res	Upstream HVAC (Res)	\$3,039,862	Residential	Resource	No	No	Yes	No	No	No	No	Yes	No	No	No	
IOU	SCE-SB	SCE-13-SW-001A	Energy Advisor Program	\$17,050,276	Residential	Resource	No	No	No	No	No	No	No	No	No	No	Yes	
IOU	SCE-SW	SCE-13-SW-007A1	On-Bill Financing Loan Pool	\$ -	Cross-Cutting: Finance	Non-Resource												
IOU	SCE-SW	SCE-13-SW-007A	On-Bill Financing	\$2,482,174	Cross-Cutting: Finance	Non-Resource												
IOU	SCE	SCE_MarketSupport_001	EE New Program Design Pilots	\$9,899,165	TBD	Non-Resource												
IOU	SCE	SCE-13-SW-002A	Commercial Energy Advisor Program	\$610,615	Commercial	Non-Resource												
IOU	SCE	SCE_3P_2020RCI_003	Commercial Behavioral Program	\$2,856,691	Commercial	Resource	No	No	No	No	No	Yes	No	No	No	No	No	
IOU	SCE-SW	SCE_SW_FS	Food Service POS	\$8,956,800	Commercial	Resource	No	Yes	No	Yes	Yes	Yes	No	No	No	No	Yes	
IOU	SCE-SW	SCE-13-SW-002G	Savings By Design	\$232,427	Commercial	Resource	No	No	Yes	No	No	Yes	No	Yes	Yes	No	No	
IOU	SCE	SCE_3P_SEM_002	Industrial Strategic Energy Management	\$15,509,669	Industrial	Resource	No	No	No	No	No	Yes	No	No	No	No	Yes	
IOU	SCE	SCE-13-SW-003D	Strategic Energy Management (SEM)	\$4,058,203	Industrial	Resource	No	No	No	No	No	Yes	No	No	No	No	Yes	

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