BEFORE THE PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA

Application of San Diego Gas & Electric Company (U 902 M) for Approval of Low-Income Assistance Programs and Budgets for Program Years 2021-2026.

Application 19-11-___(Filed November 4, 2019)

APPLICATION OF SAN DIEGO GAS & ELECTRIC COMPANY (U 902 M) FOR APPROVAL OF LOW-INCOME ASSISTANCE PROGRAMS AND BUDGETS FOR PROGRAM YEARS 2021-2026

Rebecca D. Hansson Attorney for: San Diego Gas & Electric Company 8330 Century Park Court, CP32D San Diego, CA 92123-1530 Telephone: 858-654-8278

Facsimile: 619/699-5027

Email: rhansson@semprautilities.com

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GLOSSARY OF COMONLY USED ACRONYMS

A. Application
AC or A/C Air Conditioning
AB Assembly Bill

ACR Assigned Commissioner's Ruling AFN Access and Functional Needs

AL Advice Letter

ALJ Administrative Law Judge

AMFP Affordable Multifamily Financing Program

AMI Area Median Income
BBA Baseline Balancing Account
BTUh British Thermal Units per hour

BUILD Building Initiative for Low Emission Development

CAM Common Area Measures
CARB California Air Resources Board
CAP Community Action Partnership

CARE Program California Alternate Rates for Energy Program

CAREBA CARE Balancing Account
CAZ Combustion Appliance Zone
CBOs Community-Based Organizations

CEDARS California Energy Data and Reporting System
CEESP California Energy Efficiency Strategic Plan

CEESPCET California Energy Efficiency Strategic Plan Cost-Effectiveness Tool Cost-Effectiveness Tool

CET

CHANGES Community Help and Awareness of Natural Gas and Electric Services

CHEEF California Hub for Energy Efficiency Financing

CIS Customer Information System

COL Conclusion of Law

CPUC or Commission
CSGT
CSD
California Public Utilities Commission
Community Solar Green Tariff
Community Services Development

CSI California Solar Initiative

CSID Consumer Service and Information Division

CTR Click-Through Rate CUI Campesinos Unidos

CSD California Department of Community Services & Development

CWR Career & Workforce Readiness

CZ Climate Zone D. Decision

DACs Disadvantaged Communities

DAC GT Disadvantaged Communities Green Tariff

DCSD Department of Community Services and Development

DI Direct Implementation

DINI Direct Implementation Non-Incentive

ED Energy Division EE Energy Efficiency

ESA Program Energy Savings Assistance Program

ESACET Energy Savings Assistance Cost Effectiveness Test

ESP Energy Solutions Partner
ESS Energy Service Specialist
EUC Energy Upgrade California
EUL Effective Useful Life
FAU Forced Air Unit

FERA Program Family Electric Rate Assistance Program

FERABA Family Electric Rate Assistance Balancing Account

FPG Federal Poverty Guidelines

GHG Greenhouse Gas GRC General Rate Case

GTSR Green Tariff Shared Renewables
HCS Health, Comfort and Safety
HEU High Energy Usage
HFTD High Fire Threat Districts

HH Household

HHSA San Diego County Health & Human Services Agency

HVAC Heating, Ventilation, and Air Conditioning

IEIndependent EvaluatorsIHDIn Home DisplayIOUInvestor-Owned UtilitiesIRSInternal Revenue Service

IS Manual California Installation Standards Manual

IT Information Technology
IVR Interactive Voice Response
KPIs Key Performance Indicators

kW Kilowatt kWh Kilowatt Hour

LED Light Emitting Diodes
LEP Limited English Proficient

LIEE Program

Low Income Energy Efficiency Program

LIEEBA Low Income Energy Efficiency Balancing Account
LIHEAP Low Income Home Energy Assistance Program

LINA Low Income Needs Assessment

LIEAP Low-Income Energy Assistance Program

LIOB Low Income Oversight Board
LIPPT Low Income Public Purpose Test

LIRA Program
LIWP
Low Income Ratepayer Assistance Program
Low Income Weatherization Program
MAAC
Metropolitan Area Advisory Committee

MCWG Mid Cycle Working Group M&E Measure and Evaluation

ME&O Marketing, Education, and Outreach

MF Multifamily

MF CAM Multifamily Common Area Measures
MFEER Multifamily Energy Efficiency Rebate

MFWB Multifamily Whole Building MFWG Multifamily Working Group

MH Mobile Home

MOU Memorandum of Understanding MPT Modified Participant Test

mW Megawatt
mWh Megawatt Hour
NEBs Non-Energy Benefits

NGAT Natural Gas Appliance Testing

NR Non-Resource

NSLP National School Lunch Program

O&A Outreach & Assessment OBF On-Bill Financing

ODRS Online Data Reporting Systems

OP Ordering Paragraph

PAC Program Administrator Cost

PCT Programmable Communicating Thermostat

PEPMA Proposal Evaluation & Proposal Management Application

PEV Post Enrollment Verification PFM Petition for Modification

PG&E Pacific Gas and Electric Company

PGLIEEBA Post-2005 Gas Low Income Energy Efficiency Balancing Account P&P Manual California Statewide ESA Program Policy and Procedures Manual

POA Property Owner Authorization
PPP Public Purpose Program

PPPS Public Purpose Program Surcharge PRG Procurement Review Group

PRIZM Potential Rating Index for Zip Markets

PSPS Public Safety Power Shutoff

PU Public Utilities
PY Program Year
R Resource
R. Rulemaking

REEL Residential Energy Efficiency Loan Assistance

RFA Request for Abstracts
RFO Request for Offers
RFP Request for Proposal
RIM Ratepayer Impact Measure
RRM Reporting Requirements Manual

SASH Program Single Family Affordable Solar Homes Program

SB Senate Bill

SBF Small Business Financing

SCE Southern California Edison Company
SCG or SoCalGas Southern California Gas Company
SDCWA San Diego County Water Authority
SDG&E San Diego Gas & Electric Company

SF Single Family

SNAP Supplemental Nutrition Assistance Program
SOMAH Program Solar on Multifamily Affordable Housing Program

SOW Statement of Work SPOC Single Point of Contact

SSD Supplemental Security Disability

SSP Social Security Pension
SSI Supplemental Security Income

TANF Temporary Assistance for Needy Families
TECH Technology and Equipment for Clean Heating
TDD Telecommunications Device for the Deaf

TOU Time of Use

TRC Total Resource Cost Test

TSV Thermostat Shower Valve Universal Audit Tool

UAT Utility Cost Test

UCT

VTR View Through Rate WEN Water Energy Nexus

WE&T Workforce, Education, and Training

WIC Women, Infant, and Children

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I. INTRODUCTION

Pursuant to Ordering Paragraph (OP) 1 of the California Public Utilities Commission's (CPUC or Commission) Decision (D.) 19-06-022 and the Commission's Rules of Practice and Procedure, San Diego Gas & Electric Company (SDG&E) respectfully submits this Application for Approval of Low-Income Assistance Programs and Budgets for Program Years (PY) 2021-2026 (Application).

In OP 1 of D.19-06-022, the Commission directs SDG&E to file its California Alternate Rates for Energy (CARE) Program and the Energy Savings Assistance (ESA) Program and budget application no later than November 4, 2019. Importantly, in addition to the ESA and CARE Program plans and budgets, SDG&E also includes a Family Electric Rate Assistance (FERA) Program plan and budget as part of this Application. SDG&E currently tracks FERA-related costs in a FERA Balancing Account; however, in alignment with Senate Bill (SB) 1135 objectives, SDG&E is proposing an ambitious 50% penetration target for its FERA Program, to be achieved by the end of PY 2026. Accordingly, SDG&E is seeking approval for a separate, stand-alone budget for the FERA Program.

II. SUMMARY OF REQUESTS

SDG&E respectfully submits in this Application for approval of its proposed ESA Program, CARE Program and FERA Program administrative activities and budgets for PYs 2021-2026. All requested changes to each program are detailed herein and in the accompanying testimony, however significant changes to each program are as follows:

SDG&E requests the following significant changes to the ESA Program:

- Approve an ESA Program redesign with three program elements: (1) audit and education; (2) measure and treatment tiers; and (3) continued delivery of health comfort and safety measures.
- Approve a Multifamily Whole Building (MFWB) Program designed and implemented by one or more third parties that is exclusive to deed-restricted multifamily properties.
- Approve Common Area Measures (CAM) for SDG&E's local, non-deed restricted, multifamily program.

SDG&E seeks to continue its CARE Program with the following significant changes:

- Approve transition of the Community Help and Awareness of Natural Gas and Electricity Services (CHANGES) program from the CARE Program to the General Rate Case (GRC).
- Approve modification of the high-usage post-enrollment verification (High Usage PEV) threshold from one time in any billing period to three times in a rolling 12month period to increase program retention.
- Approve modification of recertification under the CARE Expansion Program¹ from two years to four years.
- Approve modification of the annual deadline for filing CARE Program eligibility estimates from December 31 to February 12 of the following year.

SDG&E requests the following significant changes to the FERA Program:

- Approve a 50% penetration target by PY 2026.
- Approve creation of a stand-alone FERA Program with its own administrative budget.

See D.94-12-049 (expanding CARE to include eligibility for qualified non-profit group living facilities).

III. SUMMARY OF TESTIMONY

In support of its Application, SDG&E submits the prepared direct testimony of Sara Nordin, Alex Kim, and Horace Tantum IV. Closely following the Guidance Document, Ms. Nordin provides program details, including plans and budgets, for all three of SDG&E's low-income programs—ESA, CARE, and FERA. Alex Kim provides high-level policy testimony. Horace Tantum IV provides testimony on SDG&E's marketing, education and outreach strategies and tactics, both from a comprehensive, cross-program perspective as well as program-specific perspectives. The prepared direct testimony is served concurrently herewith and incorporated in the Application by reference.

IV. ESA PROGRAM DISCUSSION

A. Background

1. ESA Program Evolution & Progress²

The ESA program has offered energy savings and no-cost home improvements to income qualified customers since the early 1980s. It is ratepayer funded through the Public Purpose Program (PPP) surcharge, available to residential customers living in all housing types (single family, multifamily, and mobile homes), and applicable to homeowners and renters. In 2007, the Commission established a programmatic initiative for the ESA Program to provide *all* eligible

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See generally Prepared Direct Testimony of Alex Kim on Behalf of San Diego Gas & Electric Company's Policy - Energy Savings Assistance Program, California Alternate Rates for Energy Program, and Family Energy Rate Assistance Program Plans and Budgets for Program Years 2021 Through 2026 (November 4, 2019) ("Prepared Direct Testimony of Alex Kim") at 3-4; Prepared Direct Testimony of Sara Nordin on Behalf of San Diego Gas & Electric Company's Energy Savings Assistance Program Plans and Budgets for Program Years 2021 Through 2026 (November 4, 2019) ("Prepared Direct ESA Testimony of Sara Nordin") at 1-7.

and willing customers with all cost-effective, energy-efficiency measures in their residences by 2020.³

Since the start of its ESA Program, SDG&E has treated approximately 295,525 low-income households.⁴ This represents approximately 88% of all eligible and willing homes in SDG&E's service territory.⁵ As a result, SDG&E customers have reduced their gas use by approximately 199,000 therms and electric use by approximately 8,039,000 kWh.⁶ SDG&E anticipates that it will achieve the Commission's ESA programmatic initiative by treating 100% of all willing and eligible homes by early 2020.

2. ESA Program Eligibility Guidelines⁷

ESA Program eligibility is determined by customer inclusion in at least one of the following categories:

- <u>Household Income Eligibility</u>: Defined as total household income equal to or less than 200% of the Federal Poverty Guidelines (FPG), adjusted for family size as set forth by the Commission.⁸
- <u>Categorical Eligibility</u>: Customers can be automatically enrolled in the ESA Program based on current participation in certain local, state, or federal meanstested programs.
- <u>Geographic Self Certification</u>: Self-certification is permitted in certain targeted geographic areas where 80% of the customers are likely to be at or below current ESA Program income guidelines.

³ D.07-12-051 at 37.

⁴ Prepared Direct Testimony of Alex Kim at 2.

⁵ *Id.* at 2-3.

⁶ *Id.* at 3.

⁷ Prepared Direct ESA Testimony of Sara Nordin at 3-5.

⁸ D.05-10-044 at 7-10 (the "Winter Initiative" decision) set the program eligibility limits at 200% of the Federal Poverty Guidelines.

• <u>CARE Program Qualified</u>: Customers may also be eligible to enroll in the ESA Program if they have been income-qualified through the CARE Program's random post-enrollment verification process.

In addition to the above qualification requirements, there are several other practical requirements that must be met, including but not limited to, structural feasibility and landlord approval.

B. ESA Program Proposal For Program Years 2021-2026

1. Summary of Proposal

Consistent with Commission direction, SDG&E is proposing a redesign of its ESA Program for PYs 2021 through 2026. The proposed program will take a tiered approach to delivery of ESA program measures that encourages use of online energy audits to allow for increased savings potential and cost-effective delivery of measures. This approach will shift the program from providing all feasible measures via direct install toward a streamlined model that delivers measures based on customer need and results of the energy audit. Additionally, pursuant to D.19-06-022, SDG&E proposes a low-income Multifamily Whole Building energy efficiency program that is designed and implemented by a third-party. SDG&E seeks approval for a MFWB proposal that is limited to deed-restricted multifamily properties, with non-deed restricted properties to be treated pursuant to the SDG&E-run ESA Program, with some modification as described below.

Further, SDG&E will continue its efforts to reach customer populations that have previously proved difficult to enroll. SDG&E intends to prioritize enrollments for previously untouched or unwilling customers in high-poverty areas, as well as to tailor the program to segments of customers identified as high priority, such as low-income customers enrolled in

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⁹ D.19-06-022 at 9.

SDG&E's Medical Baseline Program, customers in disadvantaged communities and those in high fire threat districts. All of this will be done while continuing to serve all low-income customers with measures that improve their health, comfort and safety, even if such measures may increase their bill.

In summary, SDG&E is seeking approval for its proposed six-year energy efficiency and administrative budget of \$196,973,758. This budget reflects, among other things, an increase in average annual costs over the last program cycle for in-home education, multifamily Common Area Measures, marketing and outreach, and technology related cost, and a decrease in average annual costs for specific measures such as installation of HVAC systems and other appliances, removal of measures due to low cost-effectiveness, and reduction in maintenance. These changes to the programmatic budget are reflective of the changed focus of the ESA Program given the anticipated accomplishment of the 2020 homes treated goal and the move towards a focus on deeper energy savings.

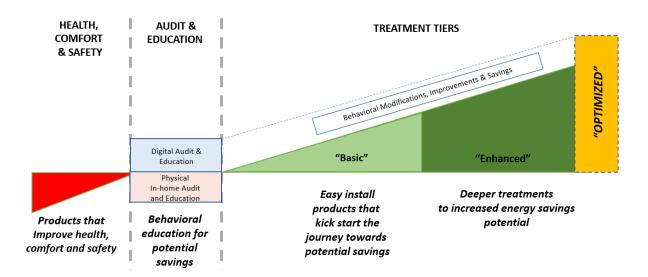
2. New Program Design & Delivery¹⁰

Due to the anticipated accomplishment of our 2020 homes treated goal, this Application proposes a shift from treating as many customers as possible with all feasible measures to a framework that prioritizes energy savings in homes that need it most. The following figure provides a visual representation of the new program design:

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¹⁰ See generally Prepared Direct ESA Testimony of Sara Nordin at 14-20.



This proposed redesign puts forward the following three program elements to effectively deliver the program:

- Audit & Education: SDG&E proposes use of a new digital platform approach to allow for online energy audits and ongoing customer engagement. Use of online audits at the time of enrollment will supplement the use of in-home audits and, overall, the new audit process will allow for prioritization of homes with the greatest potential for energy savings and also allow SDG&E to identify and reach customers previously untouched or unwilling to participate, especially in high-poverty areas. An online platform will further allow for ongoing education that will assist SDG&E in supporting energy efficient behavioral changes. In addition, SDG&E intends to continue to engage in multiple other, non-digital methods of ongoing education to support energy savings objectives.
- Measure & Treatment Tiers: Categorization of measures in treatment tiers will streamline delivery by consolidating measure installation based on the level of expertise need for appropriate treatment. If done ahead of time (online) the audit will help to determine which measures should be installed based on data provided by the online audit. Measures in the basic tier are the "easy-to-install" measures that may be installed during an initial visit. This may include lighting, air sealing measures, power strips, smart thermostats, and domestic hot water measures. The enhanced tier includes measures that require additional investment of time (e.g., secondary visits) and resources; these will be delivered to the homes where measure installation qualifies in order to maximize savings.
- <u>Health, Comfort and Safety:</u> SDG&E's new design will continue to deliver health, comfort and safety measures that may also reduce hardship. SDG&E is also proposing new health, comfort and safety measure for five categories of "special"

initiatives" customer segments based on significant need for services as identified through other proceedings where low income customers are particularly impacted.

The Prepared Direct ESA Testimony of Sara Nordin provides further detail and information about prioritized customers with significant need that may benefit from ESA Programs, as well as new goals and metrics for measuring success under its newly proposed ESA Program design.

3. ESA Multifamily Programs¹¹

a. Multifamily Whole Building Program (Third Party)

The Commission has directed the investor-owned utilities (IOU) to focus on "innovative program designs for the multifamily sector, which shall include a low-income MFWB energy efficiency program that is a third party program (*i.e.*, proposed, designed, implemented, and delivered by non-utility personnel)." SDG&E proposes in this Application to include a MFWB Program designed and implemented by one or more third parties that is exclusive to the deed-restricted multifamily property market in the SDG&E service territory. The proposed MFWB Program combines: (1) the existing ESA CAM initiative for deed-restricted properties, with (2) in-unit treatments for deed-restricted properties, to be wholly redesigned and delivered as a statewide program with a single implementer. As demonstrated through lessons learned and in conversations within the multifamily working group, it is generally recognized that deed-restricted multifamily properties come with common challenges related to re-syndication and other tax issues that may best be served by a single implementer.

See generally Prepared Direct ESA Testimony of Sara Nordin at 118-151.

¹² D.19-06-022 at 9.

b. Non-Deed Restricted Multifamily Properties (SDG&E)

Additionally, SDG&E proposes continued operation, by SDG&E, of the local ESA program for non-deed restricted multifamily properties, which program would include CAM treatment in addition to treatment of individual units. SDG&E maintains that the non-deed restricted market in its service territory is primarily locally owned and at-risk of being underserved by any program that is administered statewide. SDG&E has experienced significant success in delivering treatment to tenants of multifamily properties in its service territory, and by adding Common Area Measures, SDG&E expects to further increase penetration and service to customers in the multifamily non-deed restricted market. In addition, with the prevalence of customers who move housing within the low-income community, maintaining delivery of a local ESA program across single family and non-deed restricted multifamily markets allows for ease of customer interaction, follow up, and potential for the program to "follow" a customer, no matter which type of housing they choose to move into.

4. Proposed ESA Program Changes

Consistent with the proposed redesign, SDG&E is requesting a change to its mix of measures offered through the ESA Program to increase cost effectiveness, optimize deeper energy savings, and provide health, comfort and safety measures to eligible low-income customers. Accordingly, the following changes, including the redesign and multifamily approach discussed above, are requested for PYs 2021-2026:

a. Delivery of measures via a tiered approach

As described above, SDG&E proposes a new tiered approach to its ESA Program design that increases savings potential and prioritizes cost-effectiveness of measure delivery. Proposed tiers range from "basic" measures that provide an entry level potential of energy efficiency savings, through "enhanced" measures which represent deeper energy savings. Customers are

considered to be "optimized" when the maximum set of measures for which their home qualifies is installed, which provides the deepest possible level of energy savings, reduction in greenhouse gases, and overall improvement to customer health, comfort and safety. Completion of an online audit at the time of enrollment will assist SDG&E in prioritizing households with the greatest savings potential and help deliver targeted measures to those homes. Currently, audits are conducted by contractors during an initial home-visit, which often requires a return visit to install appropriate measures.

b. Approval of a third-party MFWB Program

SDG&E is seeking approval of a MFWB Program for deed-restricted multifamily properties only, to be designed and implemented statewide by one or more third parties. As described above, it is generally recognized that deed-restricted multifamily properties come with common challenges related to re-syndication and other tax issues that may best be served by a single implementer.

c. Approval of CAM measures for multifamily properties

As described above, SDG&E is seeking approval to continue to address non-deed restricted multifamily properties as part of its ESA Program, but with the approval to include Common Area Measures as part of SDG&E's program plan.

d. Approval of new measures

SDG&E is seeking approval to modify the mix of measures offered through the program and add energy efficient clothes dryers (gas) and whole house fans.

e. Removal of existing measures

SDG&E further proposes to remove measures that it has not been able to install in impactful quantities or in a cost-effective manner, such as water heater blankets, water pipe insulation, furnace clean and tune, torchieres, and air conditioner tune ups.

f. Change to appliance eligibility criteria

SDG&E proposes to revise the policy rule for the appliance eligibility criteria to be based on effective useful life (EUL) for replacement in lieu of replacement being based on the appliance manufactured date. The proposed EUL would apply to the following appliances: refrigerators, gas clothes dryers, and clothes washers.

g. Modification of P&P Manual

SDG&E plans to continue to adhere to the existing ESA Program Statewide Policy and Procedure (P&P) Manual but proposes to modify that manual where appropriate to address the changes proposed in this Application

h. Modification of fund-shifting rules¹³

SDG&E seeks clarification and modification of the Commission's fund-shifting rules to simplify the rules and allow greater flexibility for program management. In particular, SDG&E requests modification to ESA Program fund-shifting rules to better align with the CARE Program fund-shifting rules. Under the CARE Program fund-shifting rules, the IOUs are provided the flexibility to shift funds between categories, which are reported in the Low-Income Monthly and Annual reports. The ESA Program fund-shifting rules are more stringent and only allow funds to be shifted under certain conditions via the advice letter process.

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¹³ See Prepared Direct ESA Testimony of Sara Nordin at 45-47.

i. Clarification of unspent funds cap. 14

SDG&E seeks Commission clarification on the uncommitted unspent funds cap for the amount to carry-over to the following program year. In D.17-12-009, the Commission establishes a 25% cap for the amount of unspent funds that can be carried-over from program year to program year and within a given cycle. In addition, an IOU must file an advice letter first if it wishes to carry over an amount exceeding 15%. In the next sentence, the decision states that "[i]f the large IOU does not receive such approval, any unspent funds in excess of the 25% limit may not be carried over for programmatic use..." SDG&E seeks Commission clarification of whether it intended to establish a 15% or 25% cap. SDG&E requests that the Commission determine the 25% percent cap was intended for uncommitted carry-over unspent funds and that this rule be applicable to the 2021 through 2026 program cycle. Maintaining the 25% cap limit for uncommitted carry-over unspent funds minimizes uncertainty with the new program design and allows greater flexibility to use those funds to provide more measures and services to customers if needed.

j. Continuance of the advice letter process for changes.¹⁷

SDG&E seeks Commission authorization to continue using the advice letter process as approved in D.17-12-009 rather than the petition for modification process for additional budget requests, program modifications, and/or policy modifications. Continuing the advice letter process will allow the Commission and Energy Division the flexibility to timely act on

¹⁴ See id. at 45-48.

¹⁵ D.17-12-009 at 352.

¹⁶ *Id.* at 502.

See Prepared Direct Testimony of Alex Kim at 13; see generally Prepared Direct ESA Testimony of Sara Nordin.

¹⁸ D.17-12-009 at 69.

necessary program changes for the ESA Program over the six-year program cycle. The petition for modification process can take up to two years, the expedited advice letter process better served stakeholders and the IOUs in the 2017 through 2020 program cycle. Accordingly, SDG&E requests the permanent continuation of the advice letter process for budget requests, program modifications, and/or policy modifications.

5. ESA Program Marketing, Education and Outreach Strategy¹⁹

SDG&E continues to find that the most effective method to drive enrollments in all of its low-income programs is through a comprehensive and integrated marketing, education and outreach (ME&O) strategy that includes a coordinated mix of general awareness, direct marketing, and community engagement. SDG&E plans to continue providing broad advertising of its low income programs, including traditional and streaming television ads, online and social media ads, as well as print advertising and bill inserts, to create general program awareness. SDG&E uses direct marketing techniques, such as email messaging and direct mail to target specific customers that may be CARE, FERA or ESA qualified. Finally, community engagement continues to be an important element in SDG&E's ME&O strategy. Community outreach and engagement includes attendance at community events throughout the service territory, educating employees on low income programs so they can act as effective ambassadors, targeted telephone outbound call campaigns, and engaging with SDG&E's Energy Solutions Partner (ESP) network and other Community Based Organizations (CBOs) to educate and engage customers regarding SDG&E's low income programs.

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See generally Prepared Direct Testimony of Horace Tantum IV on Behalf of San Diego Gas & Electric Company's Low-Income Customer Assistance Programs Marketing, Education and Outreach Plans for Program Years 2021 Through 2026 (November 4, 2019) ("Prepared Direct Testimony of Horace Tantum IV").

With respect to the ESA Program in particular, SDG&E proposes to focus its ME&O efforts on: (1) identifying potential ESA customers through use of available data, based on factors such as home type, ownership status, and previous or current enrollment in low income programs; (2) promoting online home energy audits; and (3) continuing customer engagement via energy education after treatment. SDG&E believes that ongoing education will maximize engagement and lead to deeper energy savings long after treatment is completed.

C. REVENUE REQUIREMENT AND RATE IMPACT

ESA budget tables are included in the ESA Program Proposal Tables at Appendix A, A-1 through A-3a.

1. Electric²⁰

Illustrative rate impacts are presented in Table 1 below.

Table 1: Present and Proposed ESA Program Rates (\$/kWh)

	Current	2021	2022	2023	2024	2025	2026			
		Energ	gy Savings Assista	ance (ESA) Progra	ım					
Incremental Funding										
Request (\$M)		(\$1.192)	\$1.009	\$1.165	\$1.936	\$1.244	\$0.921			
	Energy Savings Assistance (ESA) Program Rate									
Residential	\$0.00082	\$0.00078	\$0.00083	\$0.00089	\$0.00099	\$0.00106	\$0.00111			
Small Commercial	\$0.00079	\$0.00072	\$0.00077	\$0.00083	\$0.00093	\$0.00099	\$0.00103			
Med. & Large C&I	\$0.00079	\$0.00078	\$0.00084	\$0.00090	\$0.00100	\$0.00107	\$0.00112			
Agriculture	\$0.00081	\$0.00068	\$0.00073	\$0.00078	\$0.00087	\$0.00093	\$0.00097			
Lighting	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000			
System Total	\$0.00080	\$0.00077	\$0.00082	\$0.00089	\$0.00099	\$0.00105	\$0.00110			

2. Natural Gas²¹

Illustrative rate impacts are presented in Table 2 below.

Prepared Direct ESA Testimony of Sara Nordin at 153.

²¹ *Id.* at 154.

Table 2: Present and Proposed ESA Program Rates (\$/Therm)

	Current	2021	2022	2023	2024	2025	2026
			ESA				
Incremental Funding Request (\$M)		\$9.5	\$0.2	\$0.1	\$0.1	\$0.2	\$0.1
			ESA Rate	, ¹			
Residential	\$0.01760	\$0.03585	\$0.03766	\$0.03844	\$0.04225	\$0.04499	\$0.04760
Core C&I	\$0.00408	\$0.00831	\$0.00873	\$0.00891	\$0.00979	\$0.01042	\$0.01103
Non-Core C&I	\$0.00136	\$0.00277	\$0.00291	\$0.00297	\$0.00326	\$0.00347	\$0.00367

¹ Increase in 2021 compared to 2019 due to a \$13M under-collection in balancing accounts.

V. CARE PROGRAM DISCUSSION

A. Background

The CARE Program is a statutorily mandated, low-income ratepayer assistance program that was established to assist eligible low-income households with total household income which is no greater than 200% of the FPG with a monthly discount on their gas and electric bill.²² Currently, SDG&E provides a 37% and 20% discount on electric and gas bills, respectively, with a decrease to 35% on the electric discount to take place by the end of 2020.²³

Importantly, the Commission set a goal that each IOU enroll 90% of its CARE-eligible customers in its respective CARE Programs by PY 2020.²⁴ SDG&E reached this goal in July 2018 and continues to increase its enrollment penetration rate.

1. CARE Program Eligibility Guidelines²⁵

The CARE Program is available to all SDG&E customers who meet income and/or categorical eligibility program requirements. Customers are income qualified for the CARE

Prepared Direct Testimony of Sara Nordin on Behalf of San Diego Gas & Electric Company's California Alternate Rates for Energy Program Plans and Budgets for Program Years 2021 Through 2026 (November 4, 2019) ("Prepared Direct CARE Testimony of Sara Nordin") at 8.

²³ *Id*.

²⁴ D.08-11-031.

²⁵ Prepared Direct CARE Testimony of Sara Nordin at 8-10.

Program if the total gross (before tax) income of all persons in the household is at or below 200% of the FPG. Customers may also qualify if they, or another household member, are participating in any Commission-approved public assistance categorical program.

2. Post-Enrollment Verification²⁶

Eligible customers self-certify their eligibility for the CARE Program and are subject to random post enrollment verification (PEV) of income and/or participation in a categorically eligible program. Pursuant to D.16-11-022, SDG&E randomly selects between 3% and 6% of its enrolled population for PEV. In addition, most CARE customers are required to re-certify their eligibility every two years, but some, such as those on a fixed income, are required to recertify every four years.

In D.12-08-044, the Commission established additional verification requirements for customers with high electric usage as a condition for continued participation in CARE. The High Usage PEV process categorizes high-usage customers in one of two tiers:

- Customers exceeding 400% of baseline one time in any billing period must provide additional verification documentation and agree to participate in the ESA Program.
- Customer exceeding 600% of baseline one time in any billing period must complete the requirements for the 400% baseline tier above *plus* reduce and maintain their usage below 600% of baseline.²⁷

Customers who are unable to comply with the PEV process or High Usage PEV process, if applicable, are removed from CARE and excluded from participation for 24 months.

Prepared Direct CARE Testimony of Sara Nordin at 9-10.

²⁷ D.12-08-044 at OP 101.

B. CARE Program Proposal for Program Years 2021-2026

1. Summary of Proposal

SDG&E proposes to retain the existing CARE Program structure. SDG&E's current penetration rate is above 90%. Therefore, SDG&E will use the next program cycle budget to continue increasing awareness of and enrollment in the CARE Program. SDG&E's current proposal specifically targets rural and hard to reach communities in its service territory, especially where current penetration against the estimated eligible population is low. By leveraging data, implementing best practices, and creating opportunities for greater engagement through community partners, SDG&E estimates that it will increase enrollment in the CARE Program to approximately 308,000 households by PY 2026.

In summary, the CARE Program proposes a six-year administrative budget totaling \$42,600,254. When compared to current, the proposed administrative budget includes a (1.3)% decrease in the administrative budget on an annual average basis, including a (27)% decrease in forecasted Information Technology (IT) programming expenses for expected efficiencies that should be gained as part of the implementation of SDG&E's new Customer Information System (CIS), as approved in D.18-08-008. From an operational perspective, the largest change on an annual average basis is a 36% increase in expenses for PEV that will support forecasted increases in program enrollment.

2. Continuing CARE Program Delivery Strategies²⁹

SDG&E will continue to utilize program elements implemented over past program cycles that have proven to be successful, including the following: These elements include:

• Enrollment and income verification via Categorical Eligibility;

²⁸ See Prepared Direct CARE Testimony of Sara Nordin at 11.

²⁹ *Id.* at 25-35.

- Use of a probability model for income verification;
- 4-year recertification cycles for fixed income customers or customers passing a probability model test;
- Enrollment leveraging with the ESA Program or low-income programs administered by other entities; and
- Use of high-usage alerts. Because customers must maintain their usage below 600% of baseline to continue participation in the CARE Program, SDG&E launched high-usage alerts to notify CARE customers that their usage may exceed 600% of baseline if action is not taken to reduce their use.

In addition, SDG&E proposes to continue successful program delivery strategies as described in detail in the Prepared Direct Testimony of Horace Tantum IV. These include tactics such as enrollment through SDG&E's Customer Contact Center, delivery of personalized rate comparisons, California Lifeline leveraging, mass media and targeted marketing, live call campaigns and utilization of CARE Capitation Agencies and outreach via SDG&E's ESP Network, Community Events, 2-1-1 San Diego, Branch Offices and SDG&E Employees.

3. Proposed CARE Program Changes

In order to meet the proposed budget and achieve SDG&E's enrollment goal of 308,000 households by PY 2026, SDG&E requests approval for the following changes to the CARE Program:

a. Transition CHANGES Program to the GRC

SDG&E proposes that the Commission transition the CHANGES Program from the CARE Program to the GRC, which is set to be filed in 2020. The CHANGES Program provides service to all limited English proficient customers, not just low-income customers, and therefore is more appropriately included in the GRC.

b. Modification of the High-Usage PEV threshold

SDG&E's primary challenge in maintaining program enrollment is related to the number of customers that drop from the program as a result of the current High Usage PEV process. The

one-time threshold imposes verification burdens on the CARE customers and can overly penalizes them for seasonal temperature spikes. In fact, in 2018, 59% of CARE Program customers reach the high usage verification threshold at least once during the summer season, which is when energy bills are typically high.³⁰ Of the high-usage CARE customers that underwent the High Usage PEV process, 62% were removed from the program because they did not respond to program inquiries.³¹

SDG&E proposes to modify the High Usage PEV threshold from one time in any billing period to three times in a rolling 12-month period. Increasing the threshold that triggers a High Usage PEV, while still preventing potential abuse of the program, will not unduly burden customers with post-enrollment verification obligations when the high-usage threshold is hit only one time.

c. Modification of CARE Expansion recertification to four years

SDG&E seeks to modify recertification under the CARE Expansion Program from two years to four years to reduce administrative costs. Experience has shown that eligibility for facilities that qualify for the CARE Expansion Program remains relatively steady; accordingly, recertification every four years should be sufficient to track eligibility requirements.

d. Annual Eligibility Estimates

SDG&E seeks approval to modify the annual deadline for filing CARE Program eligibility estimates from December 31 to February 12 of the following year to allow for inclusion of current year Department of Health and Human Services poverty guidelines into the data considered for the assessment.

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³⁰ *Id.* at 26.

³¹ *Id.* at 25-27.

4. CARE Program ME&O Strategy³²

Specific to the CARE Program, SDG&E's ME&O objectives will continue to include attracting new customer enrollments, maintaining eligible customer enrollments and leveraging partnerships to connect with hard-to-reach audiences. The ME&O strategy will support the CARE Program target of maintaining 90% or more penetration by continuing to build customer awareness of the program, driving customer enrollment through targeted ME&O, and optimizing recertification communications to retain eligible customers enrolled in the program.

C. Revenue Requirements And Rate Impacts

CARE budget and rate impact tables are included in the CARE Program Proposal Tables at Appendix A, B-1 through B-3.

1. Electric

Illustrative rate impacts are presented in Table 3 below.

Table 3: Present and Proposed CARE Program Rates (\$/kWh)³³

	Current	2021	2022	2023	2024	2025	2026		
			CARE						
Incremental Funding Request (\$M)		\$0.624	\$1.654	\$0.812	\$1.195	\$1.475	\$1.137		
	CARE Surcharge Rate ¹								
Residential	\$0.00623	\$0.00644	\$0.00653	\$0.00657	\$0.00664	\$0.00672	\$0.00679		
Small Commercial	\$0.00607	\$0.00602	\$0.00610	\$0.00614	\$0.00621	\$0.00628	\$0.00634		
Med. & Large C&I	\$0.00608	\$0.00652	\$0.00661	\$0.00666	\$0.00672	\$0.00681	\$0.00687		
Agriculture	\$0.00618	\$0.00565	\$0.00574	\$0.00578	\$0.00583	\$0.00591	\$0.00596		
Lighting	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000		
System Total	\$0.00613	\$0.00641	\$0.00650	\$0.00655	\$0.00661	\$0.00670	\$0.00676		

¹CARE Surcharge includes the CARE Rate Subsidy

See Prepared Direct Testimony of Horace Tantum IV at 11; see also SDG&E's cross-program ME&O strategy and tactics are described in Section B.5. above, ESA Program Marketing, Education and Outreach Strategy.

Prepared Direct CARE Testimony of Sara Nordin at 45.

2. Natural Gas

Illustrative rate impacts are presented in Table 4 below.

Table 4: Present and Proposed CARE Program Rates (\$/Therm)34

	Current	2021	2022	2023	2024	2025	2026	
CARE								
Incremental Funding Request (\$M)		\$9.5	\$0.2	\$0.1	\$0.1	\$0.2	\$0.1	
			CARE Surcharg	ge Rate ¹				
Residential	\$0.02462	\$0.02371	\$0.02407	\$0.02427	\$0.02455	\$0.02488	\$0.02514	
Core C&I	\$0.02462	\$0.02371	\$0.02407	\$0.02427	\$0.02455	\$0.02488	\$0.02514	
Non-Core C&I	\$0.02462	\$0.02371	\$0.02407	\$0.02427	\$0.02455	\$0.02488	\$0.02514	

¹ CARE Surcharge includes the CARE Rate Subsidy

VI. FERA PROGRAM DISCUSSION

A. Background

SDG&E is seeking approval in this Application for a new program to be authorized in this Low-Income Proceeding that provides a separate administrative budget for the FERA Program. California SB 1135, requires the Commission "authorize the state's three largest electrical corporations to increase or expand marketing and outreach efforts beyond those in effect as of December 31, 2018, to increase eligible customer participation in the FERA program."

Moreover, subsequent Commission decisions ordered PG&E and Southern California Edison to increase their FERA Program enrollment rates to 50% by set target dates. 36 SDG&E understands the importance of increasing eligible customer enrollment as mandated by

² Increase in 2021 compared to 2019 due to a \$13M under-collection in balancing accounts.

³⁴ *Id.* at 45.

SB 1135, Stats. 2017-2018, Ch. 413 (Cal. 2018), codified in Cal. Pub. Util. ("P.U.") Code Section ("§") 739.12(c).

Prepared Direct Testimony of Sara Nordin on Behalf of San Diego Gas & Electric Company's Family Electric Rate Assistance Program Plans and Budgets for Program Years 2021 Through 2026 (November 4, 2019) ("Prepared Direct FERA Testimony of Sara Nordin") at 3 (citing D.18-08-013 at 75 and D.18-11-027 at 75).

SB 1135 and is proactively establishing a target to reach 50% penetration, alongside the other electric IOUs, by 2026. A separate administrative, marketing, and outreach plan and budget is necessary to increase customer participation in the FERA Program to meet the 50% penetration target.

1. FERA Program Eligibility & PEV³⁷

Established by the Commission in 2004, the FERA Program is a ratepayer assistance program that provides a discount on qualified residential customer electric bills with large households (three or more persons).³⁸ Currently, large households with *gross* income levels between 200% (plus \$1) and 250% of FPG are eligible and receive an 18% line item discount on electricity usage.³⁹ Similar to CARE and ESA, there is a PEV process that requires a random selection of customers to provide supporting income documentation to validate income eligibility. In addition, all FERA customers are required to re-certify their eligibility every two years. SDG&E is not proposing any changes to the current FERA Program eligibility, PEV, or re-certification process.

The FERA Program is funded through a PPP surcharge paid through customer monthly energy bills. Currently, FERA is treated as an "add on" to CARE Program efforts and targeted at customers that do not qualify for the CARE discount. Administrative costs incurred related to the FERA Program are tracked in a FERA Balancing Account (FERABA). There has not

See D.04-02-057 (adopting the lower-middle income large household rate assistance program that later became known as FERA).

³⁷ See id. at 3-6, 19-20.

See SB 1135 (raising FERA program discount to 18%); D.05-10-044 at 10 (establishing eligible FPG levels for FERA program participants).

previously been specific funding set aside for FERA Program related administration, or marketing and outreach.

В. FERA Program Proposal for Program Years 2021-2026

1. **Summary of Proposal**

As of August 2019, the number of estimated FERA-eligible customers in SDG&E's service territory is approximately 47,459 customers. 40 Of those 47k+ customers, 9,766 customers are enrolled in the FERA Program, which equals a 20% penetration rate.⁴¹ For the 2021 through 2016 program cycle, SDG&E proposes to increase FERA Program enrollment to approximately 25K total households by PY 2026, which assumes 1%-meter growth and a 50% penetration rate.⁴²

To adequately fund FERA Program enrollment growth and activities for PYs 2021 through 2026, SDG&E requests a total administrative budget of \$3,802,878. This budget includes expenses for the following: ME&O, processing and PEV, IT programing, measurement and evaluation for program studies and customer satisfaction surveys, regulatory compliance, general administration, and Commission Energy Division staff funding.

2. **Proposed FERA Program Changes**

SDG&E proposes two significant changes to the FERA Program: (1) setting a 50% penetration target by PY 2026; and (2) establishing the FERA Program as a stand-alone program with its own budget.

Prepared Direct FERA Testimony of Sara Nordin at 9.

See FERA Program Penetration Table at Appendix A, D-2 for estimated penetration rates by PY.

a. Setting a 50% Penetration Target

As discussed above, SDG&E is proactively establishing a target to reach 50% penetration, alongside the other electric IOUs, by 2026.

b. Establishing a stand-alone FERA Program budget.

In order to meet its 50% penetration target, SDG&E anticipates increased costs associated with managing the program (*e.g.*, processing, IT, EM&V). Additionally, SDG&E will conduct research, studies and evaluations and will focus on specific ME&O strategies that can purposefully drive enrollment in FERA through targeted efforts to the eligible population. Where appropriate, ME&O materials for CARE will continue to carry information on the FERA Program.

In order to establish a FERA budget, SDG&E is proposing a change to FERABA.

Pursuant to D.04-02-057, the administrative costs associated with the FERA Program have been recorded in the FERA subaccount within the Baseline Balancing Account (BBA). SDG&E proposes to move these administrative costs to the FERABA for recovery and eliminate the FERA subaccount in the BBA.

3. Proposed Program Strategy

SDG&E's FERA Program approach for PYs 2021 through 2026 will be to leverage lessons learned from the CARE Program, particularly for targeted marketing and outreach, and to improve upon existing efforts to increase and retain enrollment of customers selected for recertification or PEV.

Based on best practices from CARE ME&O, SDG&E finds that the most effective method to drive enrollments is to use a comprehensive, integrated strategy that includes a

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⁴³ D.04-02-057 at OP 6.

coordinated mix of community engagement (e.g., community partnerships and targeted community event participation), general awareness (e.g., social media), and direct marketing (e.g., direct mail, email, and outbound calling). The potentially eligible population for FERA is relatively small and therefore requires a more targeted approach than CARE.

For the 2021 through 2026 program cycle, SDG&E plans to leverage CARE Program strategies that prove most effective in order to reach 50% FERA Program penetration by 2026. First and foremost, SDG&E will continue to automatically enroll customers who meet program qualifications for FERA who have applied for but do not qualify for CARE. SDG&E also proposes program plans and strategies, as described the ME&O section below, to reach a broader audience of those who potentially qualify only for FERA (and not other assistance programs). For instance, customers who apply for CARE may be knowledgeable about and seeking public assistance for categorical programs because of commonalities in income qualification (*i.e.*, below 200% FPG). In contrast, FERA-eligible customers may have already been turned down for public assistance programs in other venues and may assume that there is no assistance available for their households due to their income. Through effective use of targeted marketing and outreach that speaks directly to this unique customer base, SDG&E should achieve the 50% penetration target.

4. FERA Program ME&O Strategy⁴⁴

For FERA, SDG&E's ME&O focus is to increase enrollment and reach a 50% penetration rate by 2026. SDG&E's anticipated primary challenge is in finding eligible customers in a targeted manner when those customers may not actively be seeking assistance or have been turned down in the past for other low-income programs. Currently, SDG&E positions

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Prepared Direct Testimony of Horace Tantum IV at 11-12.

the FERA Program as a follow up program for customers that do not qualify for the CARE Program but who meet FERA eligibility requirements, but, if approved for the 2021 through 2026 program cycle, a FERA-specific ME&O strategy will be implemented to:

- Actively promote FERA as a targeted offer to non-qualifying CARE customers.
- Make the FERA Program more prevalent in ME&O communications, including as a standalone program, to increase awareness of the program.
- Implement a targeted outreach campaign that would leverage existing CARE partnerships to create distinct FERA campaigns.

C. Revenue Requirements And Rate Impacts

A FERA budget table is included in the FERA Program Proposal Tables at Appendix A, D-1.

1. Electric

Illustrative rate impacts are presented in Table 5 below.

Table 5: Present and Proposed FERA Program Rates (\$/kWh)⁴⁵

	Current	2021	2022	2023	2024	2025	2026
			FERA				
Incremental Funding Request (\$M)		\$1.774	\$ 0.551	\$ 0.359	\$ 0.573	\$0.477	\$0.486
rtoquost (#III)		¥1.714	FERA Surcha	-	40.010	40.411	\$0.400
Residential	\$0.00010	\$0.00020	\$0.00023	\$0.00025	\$0.00028	\$0.00031	\$0.00034
Small Commercial	\$0.00010	\$0.00019	\$0.00022	\$0.00023	\$0.00026	\$0.00029	\$0.00032
Med. & Large C&I	\$0.00010	\$0.00020	\$0.00023	\$0.00025	\$0.00029	\$0.00031	\$0.00034
Agriculture	\$0.00010	\$0.00018	\$0.00020	\$0.00022	\$0.00025	\$0.00027	\$0.00030
Lighting	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000
System Total	\$0.00010	\$0.00020	\$0.00023	\$0.00025	\$0.00028	\$0.00031	\$0.00034

VII. PROPOSED STUDIES

Finally, SDG&E respectfully requests approval to conduct six low-income related studies over PYs 2021 through 2026. All of the requested studies will address ESA related matters and

⁴⁵ Prepared Direct FERA Testimony of Sara Nordin at 19.

two will address CARE related matters as well. The total budget request for all six studies is \$847,500. The breakdown of the budget for each study is detailed in the chart below.⁴⁶

Study Category	ESA Portion	CARE Portion	SDG&E Budgeted Amount
Impact Evaluations	\$225,000	\$0	\$225,000
Process Evaluations	\$75,000	\$0	\$75,000
Low Income Needs Assessment	\$75,000	\$75,000	\$150,000
Non-Energy Benefits	\$75,000	0	\$75,000
Categorical Eligibility	\$11,250	11,250	\$22,500
Customer Research	\$300,000	0	\$300,000
Total	\$761,250	86,250	\$847,500

VIII. CONCLUSION

SDG&E respectfully requests that the Commission approve its proposed ESA, CARE and FERA Program plans and budgets for PYs 2021 through 2026 as described herein and in the accompanying testimony and asks that the Commission grant the following requests:

ESA Program for PYs 2021-2026:

- Approval of the PY 2021 through 2026 ESA Program plans and forecasted energy efficiency and administrative costs.
- Approve an ESA Program redesign with three program elements: (1) audit and education; (2) measure and treatment tiers; and (3) continued delivery of health comfort and safety measures.
- Approval of the MFWB Program designed and implemented by one or more third parties that is exclusive to deed-restricted multifamily properties.
- Approval of Common Area Measures for SDG&E's local, non-deed restricted, multifamily program.
- Approval to modify the mix of approved measures to include energy efficient clothes dryer (gas) and whole house fans.
- Approval to modify the mix of approved measures to exclude water heater blankets, water heater pipe insulation, furnace clean and tune, torchieres, and air conditioner tune ups.
- Approval to revise appliance eligibility criteria to be based on EUL for replacement in lieu of replacement being based on the appliance manufactured date.

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⁴⁶ See also Appendix A at C-1, ESA-CARE Pilots and Studies Table.

- Approval to modify the P&P Manual as necessary.
- Approval for modification of ESA Program fund-shifting rules to allow the IOUs
 to shift funds between categories within the ESA Program and report the shifting
 of funds in the Low-Income Monthly and Annual reports.
- Approval of a clear 25% percent cap for uncommitted, carry-over, unspent funds.
- Approval of the permanent continuation of the advice letter process for ESA Program budget requests, program modifications, and policy modifications.

CARE Program for PYs 2021-2026:

- Approval of the PY 2021 through 2026 CARE Program plans and forecasted administrative costs.
- Approval to transition the CHANGES program from the CARE Program to the GRC.
- Approval to modify the high-usage PEV threshold, regardless of whether high-usage is 400% or 600% of baseline, from one time in any billing period to three times in any 12-month rolling period.
- Approval to modify certification under the CARE Expansion Program from two years to four years.
- Approval to modify the annual deadline for filing eligibility estimates from December 31 to February 12 of the following year.

FERA Program for PYs 2021-2026:

- Approval of the proposed PY 2021-2026 FERA Program plan and forecasted administrative costs.
- Approval for the creation of a separate FERA program with its own administrative budget.
- Approval of a 50% penetration target for PY 2026.

Other:

- Approval of the proposed administrative budget for the six CARE & ESA related studies.
- Such other and further relief as the Commission finds to be just and reasonable.

IX. EXCEL ATTACHMENTS

Pursuant to OP 1 of D.19-06-022 and the Guidance Document, SDG&E submits the requested Excel tables in PDF format at Appendix A. The Excel tables will be served in Excel format with the accompanying testimony

X. STATUTORY AND PROCEDURAL REQUIREMENTS

A. Rule 2.1 (a) - (c)

This Application is filed pursuant to P.U. Code §§ 451, 701, 702, 728 and 729, the Commission's Rules of Practice and Procedure, D.19-06-022, and relevant decisions, orders and resolutions of the Commission. In accordance with Rule 2.1 (a) – (c) of the Commission's Rules of Practice and Procedure, SDG&E provides the following information.

1. Rule 2.1 (a) - Legal Name

SDG&E is a corporation organized and existing under the laws of the State of California. SDG&E is engaged in the business of providing electric service in a portion of Orange County and electric and gas service in San Diego County. SDG&E's principal place of business is: 8330 Century Park Court, San Diego, California 92123.

2. Rule 2.1 (b) - Correspondence

Correspondence or communications regarding this Application should be addressed to:

Alana N. Hammer Regulatory Case Manager 8330 Century Park Court, CP32F San Diego, CA 92123-1530 858/654-1243 phone 858/654-1788 facsimile ANHammer@semprautilities.com

with copies to:

Rebecca D. Hansson Attorneys for: San Diego Gas & Electric Company 8330 Century Park Court, CP32D San Diego, CA 92123-1530 858/654-8278 phone 619/699-5027 facsimile rhansson@semprautilities.com

3. Rule 2.1 (c)

a. Proposed Category of Proceeding and Need for Hearings

SDG&E proposes to categorize this Application as a ratesetting proceeding pursuant to Rules 1.3(f) and 7.1. Because the Commission has directed the IOUs to "present innovative design approaches in their proposed ESA programs," and to further consider various statewide and national policies and program models in designing its ESA program, SDG&E proposes that workshops be held as opposed to requiring hearings for this proceeding.

b. Proposed Schedule

SDG&E proposes the following schedule:

Application Filed	November 4, 2019
Protests	December 4, 2019
Replies to Protests	December 16, 2019
Prehearing Conference	January 13, 2020
Testimony of Interested Parties	March 6, 2020
Rebuttal Testimony/Replies to Comments	April 3, 2020
Evidentiary Hearings (if necessary)	April 27, 2020
Opening Briefs	May 22, 2020
Reply Briefs	June 15, 2020
Proposed Decision	July 27, 2020
Comments on Proposed Decision	August 17, 2020
Reply Comments on Proposed Decision	August 24, 2020
Final Decision	September 2020

c. Issues to be Considered

The issues to be considered in this proceeding are whether SDG&E's proposed low-income assistance programs and budgets are reasonable and should be approved. SDG&E does

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⁴⁷ D.19-06-022 at 5.

not believe that the approval of SDG&E's proposed programs and budgets will have a safety impact.

B. Rule 2.2 – Articles of Incorporation

A copy of SDG&E's Restated Articles of Incorporation as last amended, presently in effect and certified by the California Secretary of State was filed with the Commission on September 10, 2014 in connection with SDG&E's Application ("A.") 14-09-008 and is incorporated herein by reference.

C. Rule 3.2 (a) – (d) – Authority to Change Rates⁴⁸

In accordance with Rule 3.2 (a) - (d) of the Commission's Rules of Practice and Procedure, SDG&E provides the following information:

1. Rule 3.2 (a) (1) – Balance Sheet

SDG&E's balance sheet, income statement and financial statement for the three-month period ending June 30, 2019 are included with this Application as Appendix B.

2. Rule 3.2 (a) (2) – Statement of Effective Rates

A statement of all of SDG&E's presently effective electric and gas rates can be viewed electronically on SDG&E's website. Appendix C to this Application provides the table of contents from SDG&E's electric tariffs on file with the Commission.

3. Rule 3.2 (a) (3) - Statement of Proposed Rate Change

The current and proposed rate changes resulting from the proposed ESA, CARE and FERA Programs, respectively, are included at Appendix D. The average electric rate impact, across all classes of rates, is less than one percent.

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⁴⁸ Commission Rule 3.2 (a)(9) is not applicable to this Application.

4. Rule 3.2 (a) (4) – Description of Property and Equipment

SDG&E is in the business of generating, transmitting and distributing electric energy to San Diego County and part of Orange County. SDG&E also purchases, transmits and distributes natural gas to customers in San Diego County. SDG&E has electric transmission, distribution and service lines in San Diego, Orange and Imperial Counties. This includes a composite 92% ownership in the 500,000 volt Southwest Powerlink, including substations and transmission lines, which run through San Diego and Imperial Counties to the Palo Verde substation in Arizona. This also includes full ownership of the 500,000 volt Sunrise Powerlink, including substations and transmission lines, which run through San Diego and Imperial Counties to the Imperial Valley substation. Gas facilities consist of the Moreno gas compressor station in Riverside County and the Rainbow compressor station located in San Diego County. The gas is transmitted through high and low-pressure distribution mains and service lines.

Applicant's original cost of utility plant, together with the related reserves for depreciation and amortization for the three-month period ending June 30, 2019, is shown on the Statement of Original Cost and Depreciation Reserve attached as Appendix E.

5. Rule 3.2 (a) (5) and (6) – Summary of Earnings

A summary of SDG&E's earnings (for the total utility operations of the company) for the three-month period ending June 30, 2019 is included as Appendix F to this Application.

6. Rule 3.2 (a) (7) – Statement re Tax Depreciation

For financial statement purposes, depreciation of utility plant has been computed on a straight-line remaining life basis, at rates based on the estimated useful lives of plant properties. For federal income tax accrual purposes, SDG&E generally computes depreciation using the straight-line method for tax property additions prior to 1954, and liberalized depreciation, which includes Class Life and Asset Depreciation Range Systems, on tax property additions after 1954

and prior to 1981. For financial reporting and rate-fixing purposes, "flow through accounting" has been adopted for such properties. For tax property additions in years 1981 through 1986, SDG&E has computed its tax depreciation using the Accelerated Cost Recovery System. For years after 1986, SDG&E has computed its tax depreciation using the Modified Accelerated Cost Recovery Systems and, since 1982, has normalized the effects of the depreciation differences in accordance with the Economic Recovery Tax Act of 1981 and the Tax Reform Act of 1986.

7. **Rule 3.2 (a) (8) – Proxy Statement**

A copy of the most recent proxy statement sent to all shareholders of SDG&E's parent company, Sempra Energy, dated March 22, 2019, was mailed to the Commission on March 26, 2019, and is incorporated herein by reference.

8. Rule 3.2 (a) (10) – Statement re Pass Through to Customers

The rate increase reflected in this Application passes through to customers only increased costs to SDG&E for the services or commodities furnished by it.

9. Rule 3.2 (b) – Notice to State, Cities and Counties

In compliance with Rule 3.2 (b) of the Commission's Rules of Practice and Procedure, SDG&E will, within twenty days after the filing this Application, mail a notice to the State of California and to the cities and counties in its service territory and to all those persons listed in Appendix G to this Application.

10. Rule 3.2 (c) – Newspaper Publication

In compliance with Rule 3.2 (c) of the Commission's Rules of Practice and Procedure, SDG&E will, within twenty days after the filing of this Application, publish in newspapers of general circulation in each county in its service territory notice of this Application.

11. Rule 3.2 (d) – Bill Insert Notice

In compliance with Rule 3.2 (d) of the Commission's Rules of Practice and Procedure, SDG&E will, within 45 days after the filing of this Application, provide notice of this Application to all of its customers along with the regular bills sent to those customers that will generally describe the proposed rate changes addressed in this Application.

XI. SERVICE

SDG&E will serve this Application on all parties of record in A.14-11-007, A.14-11-009, A.14-11-010 and A.14-11-011. SDG&E will send via overnight mail two hard copies to Administrative Law Judge Katherine Kwan MacDonald.

Respectfully submitted,

By: /s/ Rebecca D. Hansson

Rebecca D. Hansson

Attorney for:

San Diego Gas & Electric Company 8330 Century Park Court, CP32D San Diego, CA 92123-1530

Telephone: 858/654-8278 Facsimile: 619/699-5027

Email: rhansson@semprautilities.com

By: /s/ Kendall K. Helm

Kendall K. Helm

Kendall K. Helm San Diego Gas & Electric Company Vice President – Customer Operations Signed in San Diego, California on November 4, 2019

OFFICER VERIFICATION

I am an officer of San Diego Gas & Electric Company and am authorized to make this verification on its behalf. The matters stated in the foregoing application are true to my own knowledge, except as to matters that are stated therein on information and belief, and as to those matters, I believe them to be true.

I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct.

Executed this 4th day of November 2019, at San Diego, California.

By:

KENDALL HELM

San Diego Gas & Electric Company Vice President- Customer Operations

APPENDIX A EXCEL ATTACHMENTS

PY 2021-2026 Energy Savings Assistance Program Table A-1, Proposed Electric & Gas Budget San Diego Gas & Electric Company

	PY2020 Authorized	PY 2021 Proposed	PY 2022 Proposed	PY 2023 Proposed	PY 2024 Proposed	PY 2025 Proposed	PY 2026 Proposed
Energy Savings Assistance Program							
Energy Efficiency							
Appliances	\$ 1,174,085	\$ 1,651,990	\$ 1,406,672	\$ 1,684,579	\$ 1,870,251	\$ 2,019,614	\$ 2,270,376
Domestic Hot Water	\$ 2,198,588	\$ 2,541,557	\$ 2,444,308	\$ 2,190,395	\$ 2,416,521	\$ 2,595,332	\$ 2,892,202
Enclosure	\$ 5,954,302	\$ 4,665,490	\$ 3,807,896	\$ 5,283,521	\$ 5,872,755	\$ 6,347,450	\$ 7,152,808
HVAC	\$ 4,154,711	\$ 3,459,139	\$ 2,934,631	\$ 3,268,460	\$ 3,601,380	\$ 3,864,258	\$ 4,299,149
Maintenance	\$ 298,680	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Lighting	\$ 4,642,829	\$ 2,379,501	\$ 1,922,329	\$ 1,727,176	\$ 1,809,721	\$ 2,002,386	\$ 2,294,636
Miscellaneous	\$ 1,775,159	\$ 836,514	\$ 684,284	\$ 598,564	\$ 663,666	\$ 715,890	\$ 803,933
New - Special Initiatives (HCS)	\$ -	\$ -	\$ -	\$ 264,079	\$ 831,074	\$ 970,067	\$ 997,519
Customer Enrollment	\$ 4,391,481	\$ 4,400,000	\$ 3,949,800	\$ 2,359,857	\$ 2,304,815	\$ 2,396,734	\$ 2,674,653
In Home Education	\$ 696,865	\$ 808,190	\$ 670,339	\$ 1,163,093	\$ 1,264,797	\$ 1,361,956	\$ 1,524,798
New - Electrification Initiative	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 120,000	\$ 120,000
New - MF CAM (non-Deed Resticted)	\$ -	\$ -	\$ 822,784	\$ 2,866,435	\$ 3,440,221	\$ 3,834,306	\$ 4,221,703
New - MF Deed Restricted CAM	\$ -	\$ -	\$ 1,891,379	\$ 2,898,423	\$ 3,719,485		\$ 2,388,369
Energy Efficiency Total	\$ 25,286,700	\$ 20,742,381	\$ 20,534,422	\$ 24,304,584	\$ 27,794,684	\$ 29,554,973	\$ 31,640,147
Training Center	\$ 498,179	\$ 264,000	\$ 375,216	\$ 337,687	\$ 177,889	\$ 210,100	\$ 178,185
Workforce Education and Training ¹	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Inspections	\$ 180,420	\$ 186,134	\$ 189,636	\$ 195,325	\$ 201,185	\$ 207,221	\$ 213,437
Marketing and Outreach	\$ 1,200,000	\$ 1,217,370	\$ 1,243,997	\$ 1,752,709	\$ 1,846,974	\$ 1,890,602	\$ 1,947,926
Studies	\$ 34,166			\$ 125,000			\$ 50,000
Regulatory Compliance	\$ 336,532	\$ 323,277	\$ 342,875			\$ 351,300	\$ 358,839
New - SW MF Whole Building Program Admin (IOU + 3P		\$ -	\$ 210,153	\$ 322,047		\$ 369,665	\$ 265,374
General Administration	\$ 2,737,202	\$ 4,556,118		\$ 3,037,180			\$ 2,831,960
CPUC Energy Division	\$ 47,754	\$ 60,000	\$ 61,800	\$ 63,654	\$ 65,564	\$ 67,531	\$ 69,556
New - SPOC	\$ -	\$ 182,908	\$ 356,134	\$ 379,024	\$ 555,450	\$ 735,890	\$ 758,184
Unallocated Funds	\$ 687,695	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TOTAL PROGRAM COSTS	\$ 31,008,648	\$ 27,743,437	\$ 29,416,017	\$ 30,867,036	\$ 34,193,759	\$ 36,439,900	\$ 38,313,610
			Funded Outside of ESAP Program	n Budget			
Indirect Costs ²		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
NGAT Costs ³		\$ 229,580	\$ 192,548	\$ 292,716	\$ 318,566	\$ 342,758	\$ 383,189

[|] Workforce Education and Training to be funded through SDG&E's Energy Efficiency program portfolio
| SDG&E does not forecast indirect costs
| MGAT Costs are included in SDG&E's GRC Applications
|

PY 2021-2026 Energy Savings Assistance Program Table A-1a, Proposed Electric & Gas Budget (Multifamily only) San Diego Gas & Electric Company

	PY2020 Authorized	PY 2021 Proposed	PY 2022 Proposed	PY 2023 Proposed	PY 2024 Proposed	PY 2025 Proposed	PY 2026 Proposed
Energy Savings Assistance Program	. Taga Manoria	11202111000000		2020	1120211100000	11202011000000	
Energy Efficiency							
Appliances	\$ -	\$ 304.590	\$ 250.982	\$ 307.829	\$ 323.683	\$ 348.548	\$ 390,222
Domestic Hot Water	\$ -	\$ 431,787	\$ 362,745	\$ 272.013	\$ 286,022	\$ 307.994	\$ 344.820
Enclosure	\$ -	\$ 650,020	\$ 535,616	\$ 1,089,732	\$ 1,145,857	\$ 1,233,880	\$ 1,381,409
HVAC	\$ -	\$ 587.916	\$ 484.443	\$ 375.628	\$ 394,974	\$ 425,315	\$ 476,168
Maintenance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Lighting	\$ -	\$ 992,225	\$ 802,547	\$ 717,290	\$ 671,241	\$ 770,656	\$ 870,162
Miscellaneous	\$ -	\$ 177,030	\$ 145,872	\$ 109,386	\$ 115,019	\$ 123,855	\$ 138,664
New - Special Initiatives (HCS)	\$ -	\$ -	\$ -	\$ 91,450	\$ 188,386	\$ 242,547	\$ 249,824
Customer Enrollment	\$ -	\$ 2,200,000	\$ 1,816,000	\$ 1,031,419	\$ 930,882	\$ 1,002,391	\$ 1,122,242
In Home Education	\$ -	\$ 402,600	\$ 334,000	\$ 524,183	\$ 551,180	\$ 593,521	\$ 664,485
New - Electrification Initiative	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
New - MF CAM (non-Deed Resticted)	\$ -	\$ -	\$ 822,784	\$ 2,866,435	\$ 3,440,221	\$ 3,834,306	\$ 4,221,703
New - MF Deed Restricted CAM	\$ -	\$ -	\$ 1,891,379	\$ 2,898,423		\$ 3,326,981	\$ 2,388,369
Energy Efficiency Total	\$ -	\$ 5,746,168	\$ 7,446,369	\$ 10,283,788	\$ 11,766,951	\$ 12,209,994	\$ 12,248,068
Training Center	\$ -	\$ 99,000	\$ 140,706	\$ 126.633	\$ 66,709	\$ 78,788	\$ 66,819
Workforce Education and Training1	s -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Inspections	\$ -	\$ 74.454	\$ 75.854	\$ 78.130	\$ 80.474	\$ 82.888	\$ 85.375
Marketing and Outreach	\$ -	\$ 243,474	\$ 248,799	\$ 350,542	\$ 369,395	\$ 378,120	\$ 389,585
Studies	\$ -	\$ 84,500	\$ 65,000	\$ 50,000			\$ 20,000
Regulatory Compliance	\$ -	\$ 129,311	\$ 137,150	\$ 139,929	\$ 137,592	\$ 140,520	\$ 143,536
New - SW MF Whole Building Program Admin (IOU + 3P)	\$ -	\$ -	\$ 210,153	\$ 322,047	\$ 413,276	\$ 369,665	\$ 265,374
General Administration	\$ -	\$ 1,906,527	\$ 2,761,743	\$ 943,710	\$ 783,894	\$ 841,397	\$ 795,756
CPUC Energy Division	\$ -	\$ 30,000	\$ 30,900	\$ 31,827	\$ 32,782	\$ 33,765	\$ 34,778
New - SPOC	\$ -	\$ 153,875	\$ 299,605	\$ 318,862	\$ 467,284	\$ 619,082	\$ 637,838
Unallocated Funds	\$ -	-	\$ -	\$ -	-	\$ -	\$ -
TOTAL PROGRAM COSTS	\$ -	\$ 8,467,308	\$ 11,416,281	\$ 12,645,468	\$ 14,138,356	\$ 14,819,219	\$ 14,687,129
Common Area Cost Allocation (SW MFWB) ²	\$ -	\$ -	\$ 987,716	\$ 1.513.614	\$ 1.942.390	\$ 1,737,416	\$ 1,247,254
Common Area Cost Allocation (Local MF CAM non-deed res	\$ -	\$ -	\$ 2,619,753	\$ 3,574,629	\$ 4,072,562	\$ 4,539,740	\$ 4,902,240
In Unit Cost Allocation (SW MFWB) ²			\$ 483.357	\$ 740,714	\$ 950.543	\$ 850.236	\$ 610,366
In Unit Cost Allocation (Local MF CAM non-deed restricted)			\$ 6,694,995	\$ 5,850,369	\$ 5,933,034	\$ 6,582,834	\$ 7,131,146
Communal Area/Shared System Cost Allocation	\$ -		\$ -		\$ -	\$ -	\$ -
			Funded Outside of ESAP Progran	n Budget			
Indirect Costs ³	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
NGAT Costs ⁴	s -	\$ 70.200	\$ 57.845	\$ 120,490	\$ 126.695	\$ 136,428	\$ 152,740

^{**}Workforce Education and Training to be funded through SDG&E's Energy Efficiency program portfolio

Cost allocations for CAM vs in unit do not include direct implementation non incentives (DINI) or MFWB Program Admin

SDG&E does not forecast inforect costs

NGAT Costs are included in SDG&E's GRC Applications

⁵ SDG&E was not allocated a PY2020 Authorized budget specific to Multifamily

PY 2021-2026 Energy Savings Assistance Program Table A-2, Proposed Electric Budget San Diego Gas & Electric Company

	PY2020 Authorized	PY 2021 Proposed	PY 2022 Proposed	PY 2023 Proposed	PY 2024 Proposed	PY 2025 Proposed	PY 2026 Proposed
Energy Savings Assistance Program				·			·
Energy Efficiency							
Appliances	\$ 854,260	\$ 1,475,995	\$ 1,238,936	\$ 1,089,584	\$ 1,206,958	\$ 1,301,055	\$ 1,458,888
Domestic Hot Water	\$ 65,958	\$ 76,247	\$ 73,329	\$ 65,712	\$ 72,496	\$ 77,860	\$ 86,766
Enclosure	\$ 2,560,350	\$ 2,006,161	\$ 1,637,395	\$ 2,271,914	\$ 2,525,285	\$ 2,729,403	\$ 3,075,708
HVAC	\$ 427,358	\$ 1,757,666	\$ 1,438,593	\$ 1,847,309	\$ 2,056,308	\$ 2,223,847	\$ 2,508,613
Maintenance	\$ 7,063	\$ -		\$ -	\$ -	\$ -	\$ -
Lighting	\$ 4,642,829	\$ 2,379,501	\$ 1,922,329	\$ 1,727,176	\$ 1,809,721	\$ 2,002,386	\$ 2,294,636
Miscellaneous	\$ 1,775,159	\$ 836,514	\$ 684,284	\$ 598,564	\$ 663,666	\$ 715,890	\$ 803,933
New - Special Initiatives (HCS)	\$ 2,195,740	\$ -	\$ -	\$ 132,040	\$ 415,537	\$ 485,033	\$ 498,759
Customer Enrollment	\$ 348,433	\$ 2,200,000	\$ 1,974,900	\$ 1,179,928	\$ 1,152,407	\$ 1,198,367	\$ 1,337,327
In Home Education	\$ -	\$ 404,095	\$ 335,169	\$ 581,546	\$ 632,398	\$ 680,978	\$ 762,399
New - Electrification Initiative	\$ -	\$ -				\$ 120,000	\$ 120,000
New - Local MF CAM (non-Deed Restricted)	\$ -	\$ -	\$ 575,949				
New - SW MF Whole Building Program	\$ -	\$ -	\$ 1,323,965				\$ 1,671,858
Energy Efficiency Total	\$ 12,877,149	\$ 11,136,178	\$ 11,204,851	\$ 13,529,175	\$ 15,546,568	\$ 16,547,720	\$ 17,574,080
Training Center	\$ 249,089	\$ 132,000	\$ 187,608	\$ 168,844	\$ 88,945	\$ 105,050	\$ 89,092
Workforce Education and Training	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Inspections	\$ 90,210						
Marketing and Outreach	\$ 600,000		\$ 621,999				\$ 973,963
Studies	\$ 17,083		\$ 81,250				
Regulatory Compliance	\$ 168,266	\$ 161,638	\$ 171,437			\$ 175,650	\$ 179,419
New - SW MF Whole Building Program Admin (IOU + 3P)	\$ -	\$ -	\$ 105,077	\$ 161,024		\$ 184,832	\$ 132,687
General Administration	\$ 1,368,601	\$ 2,278,059	\$ 2,969,641			\$ 1,445,059	\$ 1,415,980
CPUC Energy Division	\$ 23,877	\$ 30,000	\$ 30,900			\$ 33,765	\$ 34,778
New - SPOC	\$ -	\$ 91,454	\$ 178,067	\$ 189,512	\$ 277,725	\$ 367,945	\$ 379,092
Unallocated Funds	\$ 343,848	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TOTAL PROGRAM COOTS	45 700 400	44.000.700	45.45.44		40.740.400	40.000.400.1	
TOTAL PROGRAM COSTS	\$ 15,738,123	\$ 14,636,706	\$ 15,645,648 Funded Outside of ESAP Progra		\$ 18,746,106	\$ 19,990,183	\$ 20,910,811
1				III buuge	1		
Indirect Costs	\$ -	\$ -	\$ -	\$ -	\$ -	T	\$ -
NGAT Costs ³	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Workforce Education and Training to be funded through SDG&E's Energy Efficiency program portfolio

² SDG&E does not forecast indirect costs

³ NGAT Costs are included in SDG&E's GRC Applications

PY 2021-2026 Energy Savings Assistance Program Table A-2a, Proposed Electric Budget (Multifamily only) San Diego Gas & Electric Company

	PY2020 Authorized ⁵	PY 2021 Proposed	PY 2022 Proposed	PY 2023 Proposed	PY 2024 Proposed	PY 2025 Proposed	PY 2026 Proposed
nergy Savings Assistance Program							
Energy Efficiency							
Appliances	\$ -	\$ 302,295		\$ 186,787	\$ 196,407	\$ 211,494 \$	236,78
Domestic Hot Water	\$ -	\$ 12,954	\$ 10,882	\$ 8,160	\$ 8,581	\$ 9,240 \$	10,34
Enclosure	\$ -	\$ 279,509			\$ 492,719		594,00
HVAC	\$ -	\$ 582,666	\$ 480,117	\$ 372,384	\$ 391,563	\$ 421,642 \$	472,05
Maintenance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ - \$	
Lighting	\$ -	\$ 992,225	\$ 802,547	\$ 717,290	\$ 671,241	\$ 770,656 \$	870,16
Miscellaneous	\$ -	\$ 177,030	\$ 145,872		\$ 115,019		138,66
New - Special Initiatives (HCS)	\$ -	\$ -		\$ 45,725	\$ 94,193		124,91
Customer Enrollment	\$ -	\$ 1,100,000			\$ 465,441		561,12
In Home Education	\$ -	\$ 201,300			\$ 275,590		332,24
New - Electrification Initiative	\$ -	\$ -			\$ -		
New - Local MF CAM (non-Deed Restricted)	\$ -	\$ -			\$ 2,408,155		2,955,19
New - SW MF Whole Building Program	\$ -	\$ -			\$ 2,603,639		1,671,85
Energy Efficiency Total	\$ -	\$ 3,647,978	\$ 4,893,739	\$ 6,721,518	\$ 7,722,548	\$ 7,999,586 \$	7,967,34
Training Center	18	\$ 49,500	\$ 70,353	\$ 63,316	\$ 33,354	\$ 39,394 \$	33,41
Vorkforce Education and Training ¹	s -	e 45,500		\$ -		\$ - \$	55,41
Inspections	-	\$ 37,227			\$ 40.237		42,68
Marketing and Outreach	5 -	\$ 37,227 \$ 121,737			\$ 40,237 \$ 184.697		194,79
Marketing and Outreach Studies	5 -	\$ 121,737 \$ 42.250			\$ 184,697		194,79
Regulatory Compliance	S -	\$ 64,655			\$ 68.796		71,76
New - SW MF Whole Building Program Admin (IOU + 3P)	\$ -	\$ 04,000	\$ 105,077		\$ 206,638		132,68
General Administration	9	\$ 953,264			\$ 391.947		397,87
CPUC Energy Division	S -	\$ 15,000			\$ 16,391		17,38
New - SPOC	\$ -	\$ 76,937			\$ 233,642		318,91
Unallocated Funds	\$ -	\$ -	\$ -		\$ -	\$ - \$	0.10,01
TOTAL PROGRAM COSTS	\$ -	\$ 5,008,548	\$ 6,878,695	\$ 7,902,359	\$ 8,908,250	\$ 9,304,198 \$	9,186,87
Common Area Cost Allocation (SW MFWB) ²	S -	S -	\$ 691,401	\$ 1,059,530	\$ 1,359,673	\$ 1,216,191 \$	873,07
Common Area Cost Allocation (Local MF CAM non-deed restricted)	s -	S -	\$ 1,474,434	\$ 2,360,602	\$ 2,724,325	\$ 3,036,731 \$	3,295,46
In Unit Cost Allocation (SW MFWB) ²	S -	S -	\$ 338,350	\$ 518,500	\$ 665.380	\$ 595,165 \$	427,25
In Unit Cost Allocation (Local MF CAM non-deed restricted)	\$ -	\$ -	\$ 3,975,219		\$ 3,373,648		4,086,86
Communal Area/Shared System Cost Allocation	S -	\$ -					,,
·		Funded	Outside of ESAP Program Budget	t			
ndirect Costs ³							
NGAT Costs ⁴		S -	\$ -	\$ -	\$ -	s - s	

NCAT LOSIS

Workforce Education and Training to be funded through SDG&E's Energy Efficiency program portfolio

Cost allocations for CAM vs in unit do not include direct implementation non incentives (DINI) or MFWB Program Admin

SDG&E does not forecast indirect costs

NGAT Costs are included in SDG&E's GRC Applications

SDG&E was not allocated a PY2020 Authorized budget specific to Multifamily

PY 2021-2026 Energy Savings Assistance Program Table A-3, Proposed Gas Budget San Diego Gas & Electric Company

Energy Savings Assistance Program Funery Program Fu								
Energy Efficiency		PY2020 Authorized	PY 2021 Proposed	PY 2022 Proposed	PY 2023 Proposed	PY 2024 Proposed	PY 2025 Proposed	PY 2026 Proposed
Appliences \$ 319.825 \$ 175.985 \$ 167.736 \$ 594.995 \$ 663.233 \$ 718.595 \$ \$ \$ \$ \$ \$ \$ \$ \$	Energy Savings Assistance Program							
Domestic Hot Water	Energy Efficiency						<u> </u>	
Enclosure	Appliances	\$ 319,825	\$ 175,995	\$ 167,736	\$ 594,995	\$ 663,293	\$ 718,559 \$	811,488
## HACC \$ 3,727,355 \$ 1,701,473 \$ 1,496,038 \$ 1,421,151 \$ 1,545,072 \$ 1,640,411 \$ ## Maintenance \$ 201,917 \$ 1,240,515 \$ 1,496,038 \$ 1,421,151 \$ 1,545,072 \$ 1,640,411 \$ ## Lighting \$ 1,436,072 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,073 \$ 1,436,0	Domestic Hot Water	\$ 2,132,630	\$ 2,465,310	\$ 2,370,979	\$ 2,124,683	\$ 2,344,026	\$ 2,517,472 \$	2,805,436
Maintenance \$ 291,617 \$ \$ \$ \$ \$ \$ \$ \$ \$	Enclosure	\$ 3,393,952	\$ 2,659,329	\$ 2,170,500	\$ 3,011,607	\$ 3,347,470	\$ 3,618,046 \$	4,077,101
Lighting	HVAC	\$ 3,727,353	\$ 1,701,473	\$ 1,496,038	\$ 1,421,151	\$ 1,545,072	\$ 1,640,411 \$	1,790,536
Miscellaneous \$ \$ \$ \$ \$ \$ \$ \$ \$	Maintenance	\$ 291,617	\$ -	\$ -	\$ -	\$ -	\$ - \$	-
New - Special Initiatives (HCS)	Lighting	\$ -	\$ -	\$ -	\$ -	\$ -	\$ - \$	-
Customer Enrollment \$ 2,195,740 \$ 2,200,000 \$ 1,974,900 \$ 1,179,928 \$ 1,152,407 \$ 1,198,367 \$ 1,198,367 \$ 1,100 Home Education \$ 348,433 \$ 404,095 \$ 335,169 \$ 581,546 \$ 632,398 \$ 680,978 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367 \$ 1,198,367	Miscellaneous	\$ -	\$ -	\$ -	\$ -	\$ -	\$ - \$	-
In Home Education	New - Special Initiatives (HCS)	\$ -	\$ -	\$ -	\$ 132,040	\$ 415,537	\$ 485,033 \$	498,759
New - Liectrification initiative	Customer Enrollment	\$ 2,195,740	\$ 2,200,000	\$ 1,974,900	\$ 1,179,928	\$ 1,152,407	\$ 1,198,367 \$	1,337,327
New - Local MF CAM (non-Deed Restricted) S	In Home Education	\$ 348,433	\$ 404,095	\$ 335,169	\$ 581,546	\$ 632,398	\$ 680,978 \$	762,399
New - SW MF Whole Building Program \$ -	New - Electrification Initiative	\$ -	\$ -					
Energy Efficiency Total S 12,409,550 S 9,606,203 S 9,329,572 S 10,775,409 S 12,248,115 S 13,007,253 S 1	New - Local MF CAM (non-Deed Restricted)	\$ -	\$ -	\$ 246,835	\$ 859,931	\$ 1,032,066	\$ 1,150,292 \$	1,266,511
Training Center \$ 249,089 \$ 132,000 \$ 187,608 \$ 168,844 \$ 88,945 \$ 105,050 \$ Workforce Education and Training \$ \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	New - SW MF Whole Building Program	\$ -	\$ -	\$ 567,414	\$ 869,527	\$ 1,115,845	\$ 998,094 \$	716,511
Training Center	Energy Efficiency Total	\$ 12,409,550	\$ 9,606,203	\$ 9,329,572	\$ 10,775,409	\$ 12,248,115	\$ 13,007,253 \$	14,066,067
Workforce Education and Training						\$		1,115,845
Inspections S 90,210 S 93,067 S 94,818 S 97,663 S 100,593 S 103,610 S	Training Center	\$ 249,089	\$ 132,000	\$ 187,608	\$ 168,844	\$ 88,945	\$ 105,050 \$	89,092
Marketing and Outreach \$ 600,000 \$ 608,685 \$ 621,999 \$ 876,355 \$ 923,487 \$ 945,301 \$ \$ \$ \$ \$ \$ \$ \$ \$	Workforce Education and Training ¹	\$ -	\$ -	\$ -	\$ -	\$ -	\$ - \$	-
Studies	Inspections	\$ 90,210	\$ 93,067	\$ 94,818	\$ 97,663	\$ 100,593	\$ 103,610 \$	106,719
Regulatory Compliance \$ 168.266 \$ 161.638 \$ 171.437 \$ 174.912 \$ 171.990 \$ 175.650 \$ New - SW MF Whole Building Program Admin (IOU + 3P) \$ - \$ - \$ 105.077 \$ 161.024 \$ 206.638 \$ 184.632 \$ Ceneral Administration \$ 1,388.601 \$ 2,278.059 \$ 2,969.641 \$ 1,518.590 \$ 1,372.378 \$ 1,445.595 \$ CPUC Energy Division \$ 23.877 \$ 30,000 \$ 30,900 \$ 31.827 \$ 32.782 \$ 33.765 \$ New - SPOC \$ \$ - \$ 91.454 \$ 178.067 \$ 189.512 \$ 277.725 \$ 367.945 \$ Unallocated Funds \$ 343.848 \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ TOTAL PROGRAM COSTS \$ 15,270.524 \$ 13,106,731 \$ 13,770.369 \$ 14,056,635 \$ 15,447,653 \$ 16,449,717 \$ 1	Marketing and Outreach							973,963
New - SW MF Whole Building Program Admin (IOU + 3P) \$								25,000
General Administration S 1,388,601 S 2,278,059 S 2,969,641 S 1,518,590 S 1,372,78 S 1,445,059 S 2,787 S 1,445,059 S 2,787 S 2,989,641 S 3,2782 S 3,3765 S S 2,989,641 S 3,2782 S 3,3765 S S S S S S S S S			\$ 161,638					179,419
CPUC Energy Division \$ 23.877 \$ 30.000 \$ 30.900 \$ 31.827 \$ 32.782 \$ 33.765 \$ New -SPOC \$ - \$ 91.454 \$ 178.067 \$ 189.12 \$ 277.725 \$ 367.945 \$ Unallocated Funds \$ 343.848 \$ - \$ \$ 5 \$ \$ \$ \$ \$ \$ \$			·					132,687
New - SPOC								1,415,980
Unallocated Funds \$ 343,848 \$ - \$ - \$ - \$ TOTAL PROGRAM COSTS \$ 15,270,524 \$ 13,106,731 \$ 13,770,369 \$ 14,056,635 \$ 15,447,653 \$ 16,449,717 \$ 1 Funded Outside of ESAP Program Budget		\$ 23,877						34,778
TOTAL PROGRAM COSTS \$ 15,270,524 \$ 13,106,731 \$ 13,770,369 \$ 14,056,635 \$ 15,447,653 \$ 16,449,717 \$ 1 Funded Outside of ESAP Program Budget		\$ -	\$ 91,454	\$ 178,067	\$ 189,512	\$ 277,725	\$ 367,945 \$	379,092
Funded Outside of ESAP Program Budget	Unallocated Funds	\$ 343,848	-	-	\$ -	-	\$ - \$	
	TOTAL PROGRAM COSTS	\$ 15,270,524	\$ 13,106,731			\$ 15,447,653	\$ 16,449,717 \$	17,402,799
Indirect Costs ²				Funded Outside of ESAP Progra	m Budget			
	Indirect Costs ²							
NGAT Costs ³ \$ 229.580 \$ 192.548 \$ 292.716 \$ 318.566 \$ 342.758 \$	NGAT Costs ³		\$ 229.580	\$ 192.548	\$ 292.716	\$ 318.566	\$ 342.758 \$	383.189

¹Workforce Education and Training to be funded through SDG&E's Energy Efficiency program portfolio ²SDG&E does not forecast indirect costs

³ NGAT Costs are included in SDG&E's GRC Applications

PY 2021-2026 Energy Savings Assistance Program Table A-3a, Proposed Gas Budget (Multifamily only) San Diego Gas & Electric Company

	PY2020 Authorized	PY 2021 Proposed	PY 2022 Proposed	PY 2023 Proposed	PY 2024 Proposed	PY 2025 Proposed	PY 2026 Proposed
Energy Savings Assistance Program							
Energy Efficiency							
Appliances		\$ 2,295					
Domestic Hot Water		\$ 418,834				298,754	
Enclosure		\$ 370,511		\$ 621,147		703,311	
HVAC		\$ 5,250	\$ 4,326	\$ 3,244	\$ 3,411 \$	3,673	4,112
Maintenance		\$ -	\$ -	\$ -	\$ - \$	-	-
Lighting		\$ -	\$ -	\$ -	\$ - \$	- 3	-
Miscellaneous		\$ -	\$ -	\$ -	\$ - \$	-	-
New - Special Initiatives (HCS)			\$ -	\$ 45,725		121,274	
Customer Enrollment		\$ 1,100,000				501,195	
In Home Education		\$ 201,300	\$ 167,000	\$ 262,091	\$ 275,590 \$	296,760	332,243
New - Electrification Initiative		\$ -	\$ -	\$ -	\$ - \$	-	-
New - Local MF CAM (non-Deed Restricted)		\$ -	\$ 246,835		\$ 1,032,066 \$	1,150,292	
New - SW MF Whole Building Program		\$ -	\$ 567,414			998,094	
Energy Efficiency Total	\$ -	\$ 2,098,190	\$ 2,552,631	\$ 3,562,269	\$ 4,044,404 \$	4,210,408	4,280,728
Training Center		\$ 49,500	\$ 70,353	\$ 63,316	\$ 33,354 \$	39,394	33,410
Workforce Education and Training	\$ -	\$ -	s -	\$ -	\$ - \$	- 5	-
Inspections		\$ 37,227	\$ 37,927	\$ 39,065	\$ 40,237 \$	41,444	
Marketing and Outreach		\$ 121,737	\$ 124,400	\$ 175,271	\$ 184,697 \$	189,060	
Studies		\$ 42,250			\$ 10,000 \$	32,500	10,000
Regulatory Compliance		\$ 64,655	\$ 68,575	\$ 69,965	\$ 68,796 \$	70,260	71,768
New - SW MF Whole Building Program Admin (IOU + 3P)		\$ -	\$ 105,077	\$ 161,024	\$ 206,638 \$	184,832	132,687
General Administration		\$ 953,264			\$ 391,947 \$	420,698	
CPUC Energy Division		\$ 15,000				16,883	
New - SPOC		\$ 76,937	\$ 149,803	\$ 159,431	\$ 233,642 \$	309,541	318,919
Unallocated Funds		\$ -	\$ -	\$ -	\$ - \$	- :	-
TOTAL PROGRAM COSTS	\$ -	\$ 3,458,760	\$ 4,537,586	\$ 4,743,109	\$ 5,230,106 \$	5,515,021	5,500,258
Common Area Cost Allocation (SW MFWB ²)	s -	\$ -	\$ 296.315	\$ 454.084	\$ 582,717 \$	521.225	374.176
Common Area Cost Allocation (Local MF CAM non-deed restricted)		*	\$ 1,145,320			1,503,009	
In Unit Cost Allocation (SW MFWB) ²		\$ -	\$ 145.007	\$ 222.214	\$ 285.163 \$	255.071	183.110
In Unit Cost Allocation (Local MF CAM non-deed restricted		\$ -	\$ 2,719,776			2.829.085	
Communal Area/Shared System Cost Allocation	\$ -		2,713,770	2,430,331	Ψ 2,339,300 Ψ	2,023,000	5,044,201
	1.*		Dutside of ESAP Program Budge	I .			
Indirect Costs ³		T unuou	l l l l l l l l l l l l l l l l l l l				
NGAT Costs ⁴ [†] Workforce Education and Training to be funded through SDG&E's Energy Efficience		\$ 70,200	\$ 57,845	\$ 120,490	\$ 126,695 \$	136,428	152,740

^{*}Workforce Education and Training to be funded through SDG&E's Energy Efficiency program portfolio

Cost allocations for CAM vs in unit do not include direct implementation non incentives (DINI) or MPWB Program Admin

SDG&E does not forecast indirect costs

<sup>ANGAT Costs are included in SDG&E's GRC Applications
SDG&E was not allocated a PY2020 Authorized budget specific to Multifamily</sup>

PY 2021-2026 Energy Savings Assistance Program Table A-4, Planning Assumptions

San	Diego (sas &	Electric	Company	

Table A-4-1: In-Unit Installations for All Housing Types			-	PY 2020 Autho			PY 2021 Planned			PY 2022 Planned			PY 2023 Plann		DW 0	2024 Planned		PY 2025 Pla			Y 2026 Planned		
	R=Resource		Quantity kWh			O			Quantity kWh				PY 2023 Plann			kW Therms Proposed	Quantity kWi					Downward .	Energy Efficiency Savings Claim Source (Workpaper
Measures*	NR=Non-Resource	Units			Therms Projected (Annual) Expenses	Quantity	(Wh (Annual) (Annual) (Annual)	Proposed Expenses	Quantity kWh Installed (Annual)	kW (Annual) (Annual)	Proposed Expenses	Quantity natalled	kWh (Annual) (Annual)	Therms Proposed Quantity (Annual) Expenses Installed		Annual) (Annual) Expenses	Installed (Annu	ii) (Annuali		kWh (Annual)	(Annual) (Annual)	Proposed Expenses	Number or Impact Evaluation Report)
Appliances:	HICHOTHICE SOURCE		544.64		7.298 \$ 1.156.033	III SAINEG	709.691 85 7.118	\$ 1,651,990	577,106		1,406,672					63 7.960 \$ 1.870.251	548.		8.363 \$ 2.019.614	593.211			
High Efficiency Clothes Washers	R	Each	405 3.700		7.298 \$ 314.660	392	2.751 0 7.118				335.472		2.196 0		2.381	0 6.324 \$ 341.694	366 2.		0 6.647 \$ 370.703 403			\$ 419.571	SWAP004 for electric MF MH; else 2015-2017 Impact Evaluation
New - High Efficiency Clothes Dryers	R	Each		-	. 5	-		\$.		1	-	432		1,516 \$ 443,875 466	524.470	- 1,636 \$ 492,447	489	-	1,716 \$ 533,208 536	-	- 1,881	\$ 601,702	\$WAP903
Refrigerators Domestic Hot Water:	R	Each		2 65	- \$ 841,373		706,940 85 -	\$ 1,300,000	1,040 574,540		1,071,200		493,300 59						6 - \$ 1,115,703 1,078				2015-2017 ESA Impact Evaluation
Domestic Hot Water:			138,119	d 18	215,825 \$ 2,164,783	3	438,283 57 172,042	\$ 2,541,557	337,380	44 143,171	2,444,308		289,038 38	119,841 \$ 2,190,395	318,918	42 126,484 \$ 2,416,521	336,	91 44	131,662 \$ 2,595,332	372,484	49 142,087	\$ 2,892,262	
Water Heater Blanket ^{1,2}	NR	Each				-						-			-								
Low Flow Shower Head	R NR	Each N/A	7,105 30,346	3 4	42,468 \$ 350,303	4,001	16,626 2 24,235	\$ 177,980	3,201 13,014	2 19,440			10,598 1	15,645 \$ 122,051 2,730	11,557	2 16,468 \$ 132,717	2,854 12,	11	2 17,207 \$ 142,904 3,102	13,205	2 18,683	\$ 159,975	2WWH002
Water Heater Pipe Insulation ^{1,2}	NK R	N/A Each	12.394 35.641		77.059 \$ 75.333	8.532	26,833 4 53,446			3 42.435	42,005	5.473	17.835 2		19.591	3 36.483 \$ 38.015	6.064 20.		3 38.209 S 40.987 6.605		3 41.663		
Faucet Aerator Kitchen	K	Each						\$ 51,231	6,792 20,942 6,792 8,512	3 42,435 1 1 17,259	42,005	5,473	7,835 2 7,249 1	34,353 \$ 34,862 5,795 13,971 \$ 34,862 5,795		3 36,483 \$ 38,015 1 14,837 \$ 38,015					3 41,663 1 16,943	\$ 45,990 \$ 45,990	
Faucet Aerator Lavatory Water Heater Repair/Replacement	R R	Each Each	12,394 14,487		31,344 \$ 75,333 24,666 \$ 762,629	8,532 1,150	10,907 2 21,737		6,792 8,512 1,322 -	1 17,259 1	1,248,038		7,249 1	23.219 \$ 1.160.836 1.268	7,963	- 23,922 \$ 1,273,715	6,064 8, 1,318	92	1 15,539 \$ 40,987 6,605 24,345 \$ 1,359,988 1,420		- 25.253		2015-2017 ESA Impact Evaluation
Thermostat-controlled Shower Valve	R R	Each	3.755 8.830	0 1	7.985 S 239.740	1,150	10.234 1 9.305	\$ 1,000,503	3.460 8.030	1 7,396	1,240,030	2.800	6416 1		6.818	1 6 338 8 142 976	3.115 7.	77	1 6.635 \$ 154.274 3.398		1 7.233	\$ 1,499,794	SWM0001
Combined Showerhead/TSV	R	Each			25 065 8 319 533	5 924	419 0 34.973		4.724 419		364.733			23.184 \$ 312.363 4.192	419	0 24.686 S 343.380		19	0 25.814 \$ 370.059 4.774				
Heat Pump Water Heater	R	Farh	26 44.98°	0 6	- \$ 58,653 4,891 \$ 260,880	215		\$ 484.823	165 285,450 480 1.013	37 - 1	383,236 60,811	142	245,660 32 860 -	- \$ 340,824 157 3,493 \$ 53,915 445	271,610 959	35 - \$ 387,979 - 3.750 \$ 59,725	166 287, 465 1.	80 3	7 - \$ 421.821 184	318,320 1,059		\$ 480,212 \$ 72,003	SWWH014
Thermostat-controlled Shower Valve with Tub Diverter	R		614 3,835	5 -	4,891 \$ 260,880	600	371,950 48 - 1,315 - 5,047	\$ 73,800	480 1,013	4,058	60,811	413	860 -	3,493 \$ 53,915 445	959	- 3,750 \$ 59,725	465 1,	- 09	7 - \$ 421,821 184 3,914 \$ 64,313 504	1,059	41 4,242	\$ 72,003	SWWH023
Water heater blanket and water heater pipe insulation bundle	R	Home			2,347 \$ 22,379																		
Enclosure:			92,778	2 19	10,010 \$ 5,862,751		61,019 13 7,030	\$ 4,685,490		10 5,407 !	3,807,896			6,151 \$ 5,283,521	63,868	14 6,786 \$ 5,872,755	72,		7,154 \$ 6,347,450	80,357	17 7,909	\$ 7,152,868	
Air Sealing / Envelope	MF & MH: NR; SF:R	Home	11,515 92,553		5,246 \$ 5,158,222		60,528 13 4,148		6,630 46,488				61,984 13		68,536	14 4,694 \$ 5,527,066		84 1	5 4,955 \$ 5,971,768 12,153				2015-2017 ESA Impact Evaluation
Attic Insulation HVAC:	R	Home			4,784 \$ 704,529 (16,585) \$ 4,090,829		491 0 2,882 985,499 149 (4,628)		280 362 768,020		345,767 2,934,631	240			332 779,520	0 2,092 \$ 345,689 118 (3.695) \$ 3.601,380	277	32	0 2,199 \$ 375,682 307	381 902.195	0 2,432 136 (4,310)		WPSDGEREHC1066-0
HVAG: FAU Standing Pilot Conversion	R	Each	168,186	3 26	270 \$ 6,076		985,499 149 (4,628)	\$ 3,459,139	768,020	116 (3,551)	2,934,631		717,824 109	(3,343) \$ 3,268,460	779,520	118 (3,695) \$ 3,601,380	820;	14 12	4 (3,900) \$ 3,884,258	902,195	136 (4,310)	\$ 4,299,149	
Furnace Repair(Replacement	NR NR	Home	5.032	حنب	(17.811) \$ 3.142.128	1.462	(5.160)	\$ 1,646,610	1 220	- (3.960)	1.452.671	1,110		(3.420) \$ 1.382.584 1.182		- (3.780) \$ 1.501.168	1 224		(3.990) \$ 1.592.677 1.309		- (4.410)	0 1790106	2015-2017 ESA Impact Evaluation
Room A/C Replacement	R	Home	213 11.453		- \$ 236.146		8.549 2	\$ 172.882	127 6.829	1 0,200)	142,281	103	5.538 1	- \$ 118.760 109	5.861	1 - \$ 129.387	114 6	30	1 8 139 369 124	6.667	1 (4,410)	\$ 156,118	GWAP007
Central A/C replacement	N/A	N/A																					
Heat Pump Replacement	N/A	N/A	+	+ - +		-					-	-					-			-			
Europeonius Contex (Rentacomout Bustollation)	N/A	N/A	+	+ - +																			
Evaporative Cooler (Replacement/Installation) Duct Teding and Sealing Energy Elicient Fan Control	R	Home	396 15	5 0	956 \$ 100.070	221	15 0 532	\$ 54.863	170 15	0 409	43.367	147	15 0	353 S 38.568 162	15	0 390 S 43.904	171	15	0 411 \$ 47.733 189	15	0 455	\$ 54.341	WPSDGEREH00002-2
Energy Efficient Fan Control	R	Home	25 3,674	4 1	- \$ 3,971	172	25,275 5 -	\$ 26,784	132 19,397	4 -	21,172	114	16,752 3	- \$ 18,829 126	18,516	4 - \$ 21,434	133 19,	44	4 - \$ 23,303 147	21,602	4 -	\$ 26,529	
Prescriptive Duct Sealing	NIA	N/A		-		-					-	-			-		-			-		-	
High Efficiency Forced Air Unit (HE FAU)	NA	N/A		-		-						-			-					-			
A/C Time Delay	N/A	N/A	1	-		-						-			-					-			
A/C Time Delay ¹ New - Whole House Fan	R	Home		-		-						291	78,861 12	(276) \$ 616,926 321	86,991	13 (306) \$ 701,208	338 91,	98 1	4 (321) \$ 762,236 374			\$ 867,485	SW4C030
Smart Thermostat	R	Home	2,625 153,045		 \$ 602,438 		951,659 143 -	\$ 1,558,000	6,190 741,779	111 - 1	1,275,140	5,150	616,657 92	- \$ 1,092,794 5,510	668,137	100 - \$ 1,204,280	5,770 702,	27 10	5 - \$ 1,298,939 6,290	772,557	116 -	\$ 1,458,481	JWHC039
Maintenance:	R		234	4 -	(8,500) \$ 294,088	-		\$ -		1	-			- \$ -	-				- \$ -	-		\$ -	
Furnace Clean and Tune	R	Home	3,707 -		(8,500) \$ 293,726	-					-	-			-		-	-		-		-	
Central AIC Tune up	R	Home	3 234	-	(7,446) \$ 4,571,442	- 1	277,132 33 (4,773)	\$ 2,379,501	217,542	00 10 7001	1,922,329		198,400 24	(3,439) \$ 1,727,176	195,904	24 (3,361) \$ 1,809,721			3 (3,670) \$ 2,002,386	233,509	28 (4,019)		
Lighting: Interior Hard wired LED fixtures	R	Each	8.588 36.327	4 49	(687) \$ 698,398	12.290	277,132 33 (4,773) 51,987 6 (983)			£ (3,743)				(612) \$ 652,102 8,145	34,453	4 (652) \$ 715,186	8,559 36	06 26	4 (685) \$ 774,072 9,387			\$ 874,400	POTOD TO 3
Exterior Hard wired LED fixtures	R		2.788 14.330		- \$ 196.231		25.371 3 -	\$ 336.760	3.848 19.779	2	270.396	3.314	17.034 2	- \$ 239.875 3.624	18 627	2 . \$ 270 176	3.812 19.	94	2 - \$ 292.692 4.187	21 521	3 .	\$ 331,160	PGECOLTG-3
Torchiere LED	R	Each	15.113 63.928		(1.209) \$ 1.381.701							-			-							-	
Vacancy Sensor	NA	N/A		-		-						-			-					-			
LED A-Lamps	R	Each	75,849 160,799			51,414	108,998 13 (2,057)	\$ 480,721	40,434 85,720	10 (1,617) :	389,400		82,031 10	(1,548) \$ 383,824 36,824	78,067	9 (1,473) \$ 376,233	40,698 86,	80 1	0 (1,628) \$ 428,283 44,540	94,425	11 (1,782)	\$ 516,807	PGECOLTG-3
LED PAR Lamps	R		75,849 106,946		(2,048) \$ 1,083,114		72,494 9 (1,388)		40,434 57,012		389,400				51,922	6 (994) \$ 376,233			7 (1,099) \$ 428,283 44,540		8 (1,203)		
LED R/BR Lamps	R	Each	8,206 24,782		(468) \$ 128,884	6,054	18,283 2 (345)		4,720 14,254				12,421 1		12,835	2 (242) \$ 71,893	4,537 13,		2 (259) \$ 79,056 4,985		2 (284)		PGECOLTG-3
Miscellaneous:			2,971,640	J 510	- \$ 1,747,865		1,844,716 289 -	\$ 836,514		232 - !	684,284		1,252,772 198	- \$ 598,564	1,330,868	209 - \$ 663,666	1,388,			1,503,238	237 -	\$ 803,933	
Pool Pumps	R R	Home Each	525 550,200		- \$ 840,000	1/2	180,256 56 -	\$ 309,600			244,728		119,472 37		132,048	41 - \$ 247,757	133 139,			154,066	48 -	\$ 306,655	SWRED02 2015-2017 ESA Impact Evaluation
Smart Power Strips - Tier 1 Smart Power Strip - Tier 2	R D	Each Each	9,645 1,350,300 7,651 1,071,140	0 150	- \$ 372,353 - \$ 535,511	9,389	1,314,460 184 - 350,000 49 -	\$ 355,364 \$ 171,550	7,650 1,071,000 2,000 280,000	150 - 1	298,199 141,357	1.711	893,760 125 239,540 34	- \$ 256,365 6,726 - \$ 124,555 1,837	941,640 257,180	132 - \$ 278,171 36 - \$ 137,737	7,000 980, 1,921 268.	40 13	7 - \$ 298,204 7,549 18 - \$ 148,318 2,088	1,056,860 292,320	148 -	\$ 331,226 \$ 166,052	U15-2017 ESA Impact Evaluation 0015-2017 ESA Impact Evaluation
Bilate:	R	Each	7,631 1,071,140	150	- \$ 535,511	2,500	350,000 49 -	\$ 171,550	2,000 280,000	39 -	141,337	1,711	239,540 34	- 5 124,505 1,637	257,180	36 - 5 131,131	1,921 200,	40 3	5 148,318 2,008	292,320	41 .	\$ 100,052	U122017 E2K HQBELEVEGEDI
			-	_				•											1 1				
Special Initiatives														\$ 264,079		\$ 831,074			\$ 970,067			\$ 997,519	
Air Purifers	NR	Home										325		- \$ 94,473 800		- \$ 239,526	850		- \$ 262,131 850			\$ 269,995	
In Home Displays	NR	Home	<u> </u>			-					-	150		- \$ 19,892 450		- \$ 61,466	525		- \$ 73,862 525	-		\$ 76,077	
Portable AC	NR NR	Home	+++=	$+$ \pm		↓ T						240		- \$ 149,714 825		- \$ 530,082	875		- \$ 579,074 875			\$ 596,447	
Cenerators Customer Enrollment:	NR	Home		+	- \$ 5.088,346	-		\$ 5,208,190			4,620,139	-		- S 3.522.950	-	- \$ 3,569,611	25		- \$ 55,000 25 - \$ 3,758,690	-		\$ 55,000 \$ 4,199,452	
Outreach & Assessment	NR	Home	22 701		- \$ 5,088,346 - \$ 4,391,481	20,000		\$ 5,208,190 \$ 4,400,000	16,000		3,949,800			- 9 3,022,950	-	- \$ 3,569,611		_	- 9 3,758,690			9 4,199,452	
In-Home Education	NR NR	Home	23,761	+:+	- \$ 4,391,481 - \$ 696,865	20,000	- 1 1 1	s 4,400,000 S 808 190	16,000		3,949,800			1 8 1	-:-	- : - : - :		-	1 :1 :1 :	 		-	
New - Audit. Assesment and Enrollment	NR	Home	1	1 : 1				. 000,130			310,333	12.923		- \$ 2.359.857 13.644	-	- \$ 2.304.815	14.264	1 -	- \$ 2.396.734 15.505	1 : 1		\$ 2.674.653	
New - Enhanced In-Home Energy Education	NR	Home	1	1 - 1				-				12,923		- \$ 1,163,093 13,644	-	- \$ 1,264,797	14,284		- \$ 1,361,956 15,505	1 - 1		\$ 1,524,798	
New - Online Home Energy Audits Only	NR	Home	1 - 1 -	1 -								7,467		- S - 9.709	-	- · s -	10.150		- S - 11.032			s -	
Total			4,322,711	4 687	200,602 \$ 24,976,137		4,316,340 627 176,789	\$ 20,742,381	3,436,234	498 147,873 1	17,820,259		3,015,821 438	126,500 \$ 18,539,725	3,220,929	470 134,173 \$ 20,634,978	3,379,	89 49	3 139,610 \$ 22,273,686	3,684,972	538 150,859	\$ 24,910,075	
SDG&E will not offer this measure in the 2021 - 2026 Program Portfolio							•																
² Included in Water heater blanket and water heater pipe insulation bundle																							

Table A-4-2:	Multi-family	Non-deed	Restricted	Common	Area	Installation

Table A-4-2: Multi-family Non-deed Restricted Common Area Installations																													
			N/A					Y 2021 Planned		L	PY 2022				Y 2023 Plani				PY 2024 Planned			PY 2025 Plann			L		2026 Planned		Energy Efficiency Savings Claim Source (Workpaper
Measures	R=Resource	Units				Quantity	kWh (Annual)	kW Therr	Proposed Expense	Quantity kW Installed (Ann	h kW (Annual)	Therms	Proposed Expenses Qui	antity kWh (Annual)	kW		oposed Quantity perses Installed	(Annual)	(Annual) (Annual			kWh kW (Annual) (Annual)	Therms	Proposed Expenses	Quantity		kW Them Annual) (Annu		ed Number of Impact Eurhystian Report)
Appliances	NR=Non-Resource					Installet	_	(Annual) (Annu	10)	installed (Alln	18)	(Annual)	irisi	alled	(Annual)	(Annual) Ex	perses installed	(Annual)	(Annual) (Annua	il) Expenses	s instance	Annual) (Annual)	(Annual)	Expenses	Installed		Annual) (Annu	al) Expens	<u>a</u>
Efficient Refrigerator, ENERGY STAR, Top Freezer, No loe, Medium (15-20 ou ft).	R	Fach	0 -						. 8 .	- 5	196 0	(3)	\$ 1800	9 350	0	(6) \$	3 520 1	0 400	0	(7) \$ 4.0	29 11	438 0	- 7	\$ 4565	12	479	0	(8) S	5 120 SWAP001
HVAC:												1=7				177 #		100		1000								171 4	
Duct Seal and Test, Residential, High (40% to 12%), Mfm, CZ07	R C	Cap-Tons	0 -		- s			-	s -			-	s -	1 3		1 8	57	1 3	3 0	1 8	59 1	3 0	1	\$ 61	1	3	0	1 S	63 SWSV001
Duct Seal and Test, Residential, High (40% to 12%), Mfm, CZ10	R C	Cap-Tons	0 -	-	- \$			-	\$ -	-		-	s -	1 11	0	1 \$	57	1 11	0	1 \$	59 1	11 0	1	\$ 61	1	11	0	1 \$	63 SWSV001
Duct Seal and Test, Residential, High (40% to 12%), Mfm, CZ14		Cap-Tons	0 -	-	- \$				s -	-			s -	1 38	0	2 \$	57	1 38	0	2 \$	59 1	38 0	2	\$ 61	1	38	0	2 \$	63 SWSV001
Duct Seal and Test, Residential, High (40% to 12%), Mfm, CZ15	R	Cap-Tons	0 -		- \$				s .				s -	1 32	0	1 \$	57	1 32	0	1 \$	59 1	32 0	1	\$ 61	1	32	0	1 \$	63 SWSV001
Duct Seal and Test, Residential, Medium (25% to 15%), Mfm, C207		Cap-Tons	0 -	-	- \$		-	-	\$.	-			s -	1 1	0	0 \$	57	1 1	0	0 \$	59 1	1 0	0	\$ 61	1	- 1	0	0 \$	63 SWSV001
Duct Seal and Test, Residential, Medium (25% to 15%), Mfm, CZ10		Cap-Tons	0 -	-	- \$		-	-	\$.	-			s -	1 5	0	0 \$	57	1 5	0	0 \$	59 1	5 0	0	\$ 61	1	5	0	0 \$	63 SWSV001
Duct Seal and Test, Residential, Medium (25% to 15%), Mfm, CZ14		Cap-Tons	0 -		- \$								s -	1 16		1 \$	57	1 16	0	1 8	59 1	16 0	1	\$ 61	1	16	0	1 \$	63 SWSV001
Duct Seal and Test, Residential, Medium (25% to 15%), Mfm, CZ15		Cap-Tons	0 -		- 5		-						\$	1 14		0.5	5/	1 14		0 8	59 1	14 0		\$ 61	1	14	0	0 \$	63 SWSV001
HEAT Pump Split System (<=1.5 ton)(2 - 2.5 ton)(3 - 3.5 ton)(> 4 ton)		Cap-Tons	0 -		- \$						362 2	(0)		116 11,178 464 13,816	7	(0) \$ 2.313 \$		6 13,092 0 16,079	2 9	(1) \$ 141,7		14,224 9		\$ 158,926	158	15,213	10		4,754 RE-HV-ResHP-16p0S-9p0H
High Efficiency Furnace, Residential, AFUE 92%-VSM, MFm High Efficiency Furnace, Residential, AFUE 97%-VSM, MFm		Household Household	0 -		- 5		-				501 2	678 595	\$ 1,154 \$ 1,069	464 13,816 284 8.456	8	2,313 8		2 9.886	10 2,1	152 8 4,8		17,389 11		\$ 5,416	384	11,434	7 27		5,999 ISWHCU31 E EDD EMMACO31
Recifertial Smort Thermostat			0 -	-	- 3						770 -	108	\$ 1,009	100 9.894		386 \$	16 701 11	6 11.477		48 8 188				\$ 20.760		13,456	. 2		3,452 SWHC030
Water Heating:	-				-				-			100	- 7,500	3,034	Ė	300 9		11,411		10,0	124		410	20,100	150	.3,400	_		
tin Tank Insulation-Medium Temp-High Usage-Indoor (SWWH018A), Gas	R Z	Vrea-12	0 -	1 . !	. 4				. s .	17		190	S 112	70 -		819 S	473 8	1 -		48 S S	64 89		1.030	\$ 631	94		. 11	00 S	694 SWWH018
tin Tank Insulation-Medium Temp-High Usage-Outdoor (SWWH018B), Gas		Area-#2	0 -	+ - +	. 8		1 -		- Is -	68		919	S 446	280 -	-	3.785 \$	1.892 32	4 -	- 4.	80 S 22	55 352		4.758	\$ 2.523	376		- 5.0	183 S	2.776 SWWH018
Commercial Inst. Heaters < 200 kBTUh, 0.87 UEF (SWWH006B)		Cap-kBTUh	0 -	1 : 1	- 5		1 :	-	8 .	585	(0)	2,603		2,047 (1,197)	(0		35,241 2,38	5 (1.395	(0) 10,6		92 2.580	(1.509) (0)	11,481	\$ 47,122	2.758	(1.613)	(0) 12,2		1.884 SWWH006
Commercial Inst. Heaters, <=200 kBtuhr, 0.81 UEF (SWWH006A)		Cap-kBTUh	0 -		- S		-	-	· \$ -	585	- 1 - "	1,199		2,047 -		4,196 S			- 4,1				5,289	\$ 47,122	2,758		- 5,6		1,884 SWWH006
Faucet Aerator Kitchen 1.5 GPM, MF, elec		Each	0 -		- \$		-	-	s -	9 1	,263 0	-		30 4,209	- 1	- \$		4,770	1		44 37	5,191 1		\$ 161	40	5,612	1	- S	179 SWWH001
Faucet Aerator Kitchen 1.5 GPM, MF, gas	R	Each	0 -		- S			-	· \$ -	9		55		30 -	-	183 \$	123 3	4 -		107 S 1	44 37		225	\$ 161	40	-	- 2		179 SWWH001
Faucet Aerator Lavatory 1.2 GPM, MF, elec		Each	0 -		- \$			-	s -	2	114 0	-	\$ 7	10 570	0	- \$	36 1	1 627	0	\$.	40 12	684 0		\$ 45	13	741	0 .	. s	50 SWWH001
Faucet Aerator Lavatory 1.2 GPM, MF, gas	R E		0 -	-	- \$				s -	2		5	\$ 7	10 -	-	25 \$	36 1	1 -			40 12		30	\$ 45	13			32 \$	50 SWWH001
Low Flow Showerhead 1.25 GPM, MF, elec MF Boiler, Hot Water, 84% TE < 200k BTUh (SWWH010A)		Each	0 -		- \$				s .	5	0 752		\$ 34	23 1	3,459	- \$	163 2	6 1	3,910	\$ 1	90 28	1 4,211		\$ 211	30	1	4,512	. s	233 SWWH002
	R			-	- \$		-	-	s .	1,400		1,820	\$ 33,001			5,980 \$			- 6,5	67 \$ 134,0	15 5,798			\$ 149,344		-	- 8,0		4,463 SWWH010
MF Boiler, Hot Water, 90% TE < 200k BTUh (SWWH010B)		Cap-kBTUh	0 -		- \$. \$ -	1,600		4,864		5,400		16,416 \$		6 -			02 6,811		20,705	\$ 217,873	7,281	-	- 22,1		9,895 SWWH010
Pipe Insulation 1 Insulation <= 1 pipe Hot Water_Outdoor (SWWH017A), Gas	R L	.en-Ft	0 -	-	- \$		-	-	s .	172		1,687	\$ 1,128	560 -		5,428 \$	3,783 65	2 -	- 6,3		37 704		6,824	\$ 5,046	752	-	- 7,2	89 \$	5,551 SWWH0017
Pipe Insulation 1 Insulation <= 1in pipe Hot Water Indoor (SWWH0178), Gas	R L	.en-Ft	0 -	-	- \$					43		72	\$ 282	140 -	-	235 \$	946 16	3 -		73 \$ 1,1	34 176		295	\$ 1,261	188	-	- 3	15 \$	1,388 SWWH0017
Lighting:	R	Porture									588			47 52 330				6 62 350							64				
45 8 Watt Pool Light LED replacing 300 Watt incandescent		-odure -odure	0 -		- 5		-			14 15		-	\$ 13,208 \$ 14,151	47 52,330 50 55,670	-			6 62,350		\$ 56,0 \$ 59.0		96,804 -	-	\$ 61,852 \$ 64,945	68		-		17,955 WPSDGENRLG0028-Rev01 12,202 WPSDGENRLG0028-Rev01
45 8 Watt Spa Light LED replacing 300 Watt incandescent S2 4 Watt Pool Light LED replacing 400 Watt incandescent		-odure -odure	0 -		- 5		-			10 16		-	\$ 14,151 8 11.321	33 50,242	-	- 5	48,585 5	8 65,691 8 59,377		\$ 59,0		63.944	-	\$ 51,945		/5,/11 68.512	-		7,302 WPSDGENRLG0028-Nev01 7,337 WPSDGENRLG0028-Rev01
52 4 Walt Spa Light LED replacing 400 Walt incandescent		odure	0 -	-	- 3					14 21		-	\$ 15,849	47 71.557	-			6 83.736		\$ 66,0		89,826 -	-	\$ 72,986	40	95,916	-	S 8	
67 4 Watt Pool Light LED replacing 500 Watt incandescent		odure	0 -								527 -		\$ 17,610	47 89,055						\$ 73.3		111.792	-	\$ 81.095	62	119,371	-		9,191 WPSDGENRLG0028-Rev01
67 4 Watt Spa Light LED replacing 500 Watt incandescent		odure	0 -	1 : 1	. 8		-			10 18	948		8 12.579	33 62 528	-		42.755 3	5 104,213 9 73.896		\$ 52.0	44 42	79.581	1	8 57.729	45	85.265			3.708 WPSDGENRLG0028-Rev01
Interior Hardwired Fixture, MF, elec	R	Each	0 -	-	- S			-	. s .		.058 0	(20)	\$ 29.875	845 3.574		(68) \$	104.007 98	4 4,162		79) \$ 124,7		4,505 1	(85	\$ 139,068	1.138	4,814	- 1	191) \$ 15	3.059 PGECOLTG-3
LED A Lamps, MF, elec	R	Each	0 -	-	- \$			-	\$ -	293	621 0	(12)	\$ 2,950	990 2,099	0	(40) \$	10,286 1,15		0	46) \$ 12,2		2,629 0		\$ 13,642	1,323	2,805	0	[53] \$ 1-	4,992 PGECOLTG-3
LED Outdoor Parking Garage Fixture: 0 - 38W	R F	oture	0 -	-	- S				· \$ -	12	570 -	-	S 1.917	40 1,901		- 8	6.582 4	7 2.233	3 -	S 7.9	66 51	2,424 -	-	\$ 8,903	54	2.586		- S	9.709 WPSDGENRLG0181-Rev04
LED Outdoor Parking Garage Fixture: 39 - 56W	R F	odure	0 -		- \$				\$.	3	182 -	-	\$ 709	10 607		- \$	2,434 1	1 667		\$ 2,7	57 12	728 -		\$ 3,098	13	789	-	· \$	3,457 WPSDGENRLG0181-Rev04
LED Outdoor Parking Garage Fixture: 57 - 88W		odure	0 -	-	- \$			-	s -	3	272 -		\$ 876	10 905	-		3,006 1	1 996	-	\$ 3,4		1,086 -	-	\$ 3,827	13	1,177			4,271 WPSDGENRLG0181-Rev04
LED Outdoor Parking Garage Fidure: 89 - 113W		odure	0 -		- \$				\$ -		. 588	-	\$ 4,166	43 5,246	_			1 6,222	-	\$ 17,3		6,710 -	_	\$ 19,262	59	7,198			1,283 WPSDGENRLG0181-Rev04
LED Outdoor Pole/Arm-Mounted Fixture: 108 to 146W		odure	0 -	1 - T	- \$			- + -			.040 -		\$ 45,106	371 172,144				3 200,912		\$ 188,3		217,152 -		\$ 209,703	500	232,000			0,763 WPSDGENRLG0181-Rev04
LED Outdoor Pole/Arm-Mounted Fixture: 147 to 235W		odure	0 -		- \$			-	5 .	90 83		-	\$ 38,264 \$ 31,803	304 282,720 307 79.206	-			4 329,220 6 91,590		\$ 159,6 \$ 133.0		356,190 -	-	\$ 177,934		380,370 105,780	-		15,713 WPSDGENRLG0181-Rev04
LED Outdoor Pole/Arm-Mounted Fixture: 69 to 90W	R F	odure			- \$		-	-	5 -	90 23 110 37		-	\$ 31,803 \$ 40,127	307 79,206 371 127,624	-							99,072 -	-	\$ 148,277	410		-		
LED Outdoor Pole/Arm-Mounted Fixture: 91 to 107W LED Outdoor Well-Mounted Fixture: 0 - 25W	R	odure odure	0 -	+ - +	- 3		+	-	10 -		322 -		9 40,127	676 24,750	-	- 5	139,397 43	3 148,952 7 28,814		\$ 167,5 \$ 138,1	01 950	160,992 -	<u> </u>	\$ 153,993	910	172,000 33.317			IS.287 WPSDGENRLG0181-Rev04 ID.410 WPSDGERELG0182-Rev00
LED Outdoor Wall-Mounted Friture: 0 - 25W LED Outdoor Wall-Mounted Fixture: 26 - 39W		-odure -odure	0 -		- 8		+	-			948 -		\$ 33,081 \$ 34,842	676 24,750 676 20.104	-			7 23,405		\$ 138,1 \$ 145,4		25.338 -	<u> </u>	\$ 162,190					9.410 WPSDGERELG0182-Rev00 9.429 WPSDGERELG0182-Rev00
LED OURSON WAR-MOUTING PIREME 20 - 39W		-odure -odure	0 -		- 5		+	-	10 -		345 -		\$ 34,842 \$ 6,992	94 4.517	-	- 3	24 177 11	0 53,405	-	\$ 145,4		£7,330 -	<u> </u>	9 162,190	910	27,063		9 1/	8,429 WPSDGERELG0182-Rev00 15,693 WPSDGERELG0182-Rev00
LED Outdoor Wall-Mounted Fixture: 40 - 58W LED PAR Lamps, MF, elec		Fach	0 -	1 : 1	- 9		+ - :	- :	1 .		338 0	(26)		3.207 4.522	- 1	(87) \$	42 382 3 73	6 5,288	1 1	01) \$ 50.8	54 4.043	5.701 1	(109	\$ 56.684	4 321	6,102	1 (171 8 6	2 399 PRECRITA-3
LED R/BR Lamps, MF, elec		Fach	0 -	1 : 1	. 8		1 :		. 8		057 0	(20)		1 183 3 573		(67) \$			0	79) \$ 20.2		4.503 1		\$ 22,539		4.811	1		4.804 PGECOLTG-3
LED T8 Lamp UL Type A 4 foot (Common Area)		amp	0 -	1 : 1	- 5		1 :	-	8 .	1.858 149	962 2	(1,661)		6.292 507.847	7	(5.625) \$		2 592,702	9 (6.5	63) \$ 161.6				\$ 180,270	8.500	686.243	10 (7.5		8.574 SWLG009
Residential MF Interior - LED Direct/Indirect Linear Ambient 2 ft. New Luminaire, >= 125 to 139 LPW		GloLumen	0 -	1 - 1	- 8		-	-	· \$ -	1	10 0	601	\$ 141	3 31		(0) S	435	3 31	0		48 4	41 0	(0)	\$ 616	4	41	0	(0) \$	634 SWLG012
Residential MF Interior - LED Direct/Indirect Linear Ambient 2 ft. New Luminaire. >= 140 LPW		GloLumen	0 -	- 1	- S		-	-	s -	1	14 0	(0)		3 41	0		501	3 41	0		16 4	55 0		\$ 709	4	55	0	(0) \$	731 SWLG012
Residential MF Interior - LED Direct/Indirect Linear Ambient 4 ft. New Luminaire, >= 125 to 139 LPW	R	GloLumen	0 -		- S		-	-	· \$ -	198 2	.039 0	(18)	\$ 27,396	669 6,891	0	(61) \$	95,342 77	9 8,024	0 4	71) \$ 114,3	49 843	8,683 0		\$ 127,455	901	9,280	0	(82) \$ 14	0,311 SWLG012
Residential MF Interior - LED Direct/Indirect Linear Ambient 4 ft. New Luminaire, >= 140 LPW	R F	GloLumen			- \$			-	s -	1	14 0	(0)		3 41	0	(0) \$	482	3 41	0	(0) \$ 4		55 0		\$ 682		55	0	(0) \$	702 SWLG012
Residential MF Interior - LED Direct/Indirect Linear Ambient 8 ft. New Luminaire, >= 125 to 139 LPW	R	GloLumen	0 -	1 -	- \$			- 1	\$ -	1	10 0	(0)	\$ 162	3 31	0	(0) \$	501	3 31	0	(0) \$ 5	16 4	41 0	(0)	\$ 709	4	41	0	(0) \$	731 SWLG012
Residential MF Interior - LED Direct/Indirect Linear Ambient 8 ft. New Luminaire, >= 140 LPW	R	GloLumen	0 -		- \$				\$ -	1	14 0	(0)	\$ 156	3 41	0	(0) S (68) S	482	3 41	0	(0) \$ 4	98 4	55 0	(0	\$ 682 \$ 11,750	4	55	0	(0) \$	702 SWLG012
Torchiere Lamps, MF, elec	R E	Each	0 -		- \$				\$ -	251 1	.062 0	(20)	\$ 2,527	847 3,583	- 0	(68) \$	8,784 98	7 4,175	1	79) \$ 10,5	43 1,068	4,518 1	(85)	\$ 11,750	1,142	4,831	1	91) \$ 1:	2,941 PGECOLTG-3
Miscellaneous:																													
Commissioned variable-speed pumps	R E	Each	0 -	1 -	- s			-	- 18 -	12 15	,026 3		\$ 8,374	38 45,079	10	- 8		4 55,097	12	\$ 32,5	74 45	56,349 12	-	\$ 34,313	48	60,108	13	- \$ 3	/,699 SWRE002
Smart Strip Tier II, MF, elec		Each	0 -		- \$		-	-		88 12	675 2	(148)	\$ 4,483	280 40,331	7	(472) \$	14,692 32	8 47,244	8 (i53) \$ 17,7		50,701 9	(593	\$ 19,594	376	54,158	9 (6		1,558 WPSDGEREHE0004_Rev1.1
Audis	NR E		0 -		- s					34			\$ 166,793	115 -	_		581,079 13	4 -		\$ 697,3 \$ 251.4			-	\$ 777,284	155	-		S 85	5,816
Minor repairs, permits and other miscellaneous costs	NR E		0 -		- \$		_	-			198 767	12.856	\$ 57,135 \$ 822,784	100	0.003	- S 44,398 S 2		0.000.000	3,967 51,6			2,227,719 4,272			255	0.004.000	4,577 59,7		
IVIII								-		1 2/0	107	72,000	# 122,104	1,700,191	3,007	,J90 5 Z	WW.750*	4,000,072	J. J. 31,1	3,440,2	A1	4,212	35,922	a 2,034,300		4,000,004	7,077 29,1	20 9,22	(AMA)

PY 2021-2026 Energy Savings Assistance Program Table A-4a, Planning Assumptions (Multifamily only)

San Diego Ga	s & Electric Company	v
Table A-4a-1:	In-Unit Installations	for Multi-family

					Y 2020 Auth				2021 Planned			PY 2022					PY 2023 Plann				PY 2024 Plan					25 Planned					026 Planned		
	R+Resource		Quantity		kW	Thorms Proje	cted Quantity		kW The	rms Propose	Quantity	Wh kW	¥ Therm	s Propose	ed Quantity	kWh	kW	Thorns F	roposed 0	Quantity kWh	kW	Thorms				kW TI	herris Pro				kW Therms	Proposed	Energy Efficiency Savings Clain
Measures*	NR+Non-Resource	Units	Installed		(Annual)			kWh (Annual)				nnual) (Anno	ual) (Annual	(i) Expense	es Installed		(Annual)			installed (Annual)		(Annual)							talled (Ann		nnual) (Annual)		
NOCON:				21.522	11	115 5 14	5.974	171,11	21	92 5 304.59	1	6.212	16 6	9 5 250.90	992	22,052	12	453 5	307,829	101.571	12	464	\$ 323,683	1	06.122	13	481 5 3	40,543	115.	6.029	14 520	5 290,222	
Officiency Clothes Washers	B	Each	•	5 -		115 5	3,880 5	- 11	9 0	92 5 4.59	4	119	0 6	29 5 3.70	782 3	119	0	45 5	2.635	3 111	9 0	45	\$ 2,982	3	112	0	46 \$	3.211	3	119	0 46	\$ 3,595	5 SEAWFOOL by electric MF Mrs. elec 2015 (2017)
High Efficiency Clothes Dryers	R	Each				- 5			-	- 5 -	-			5 -	116		-	407 5	119,624	119	-	415	\$ 125,766	124	-		435 \$	35,448	135	-	- 474	\$ 151.642	2 MANAGOS
erators	B	Each		1 91,522			2.094 300	171.00	10 21	- \$ 300.00	240 1			\$ 247.20	200 175	99.750	12		185,368	178 101.49			\$ 194,916	186 1		13			203 115		14 -	\$ 234,984	4 SOLD-2017 ESA Invest Evaluation
perators estic Hot Water:				25,226	3	E0.943 S 33	1,944	14.76	2 66	781 5 431.75		1,000	2 53.67	0 5 362.74	745	0.566	- 1	39.079 \$	272,013	8,966	1	39,934	5 206,022		9.270	- 1	41,690 5 3	07.224	9.	9,876	1 45.337	\$ 344,820	a l
er Heater Blanks ¹²	NP	Each					.,					-					-				_	,							-				-
Flow Shower Head		Each	2.77	3 9.759		17.682 5 13	5.851 2.000	5.26	4 1 1	A11 5 A5 00	1,500	4.211	1 10.25	55 5 23.25	254 1.165	3,005	0	7.477 5	54.931	1 180 3 15		7 627	5 57.780	1 244	3 300	0	7.980 5	62 127	1351 3	3.450	0 8.672	5 50 534	4 management
er Heater Pice Insulator 2	NR	N/A		-							-,	-,			.,	-	_	-1,000			_	-,			-,	_	.,			-		-	
	nn.	Each		1 8 170		40.790 5 4	2.054 4.200		0 2		3.360			23 5 20.70		1.622	-			2.498 1.75						-	15,250 \$				0 16.571	 	-
et Aerator Kitchen et Aerator Lavatory	- 6	Each	7.01	1 3.320	-	10,011 5 4	2.054 4.200	1.15	0 0 2	221 2 227	3.360	7.287	0 19.02	0 5 20.70	700 Z446	559		14,700 3	15.571	2.498 71-		14.567	\$ 95,373 \$ 95,373	2.611	1.727	- 0	6,209 5	17.931	7.037	1,002	0 6,747	3 19.739	7 BMMH001
st Asser Levisory or Heater Regain/Replacement	B B	Each	7,01	1 3,320			5.890 50	1,10		.550 5 42.18		934		80 S 20,70			U	1.085 5	15,371	2,490 /19		5,939		2,611	754		1 147 5	17,031	41	709			4 2015-2017 ESA Imagel Evaluation
																	-			36 .				3/			2.733 \$						
mostal-controlled Shower Valve bined Showerhead/TSV	8	Each Each	1,00	9 3,977	. 0	2,157 \$ 6	4,548 2,000	5,09	6 1 4	228 \$ 88.00	1,600	4,089	0 3,51	18 \$ 72,51 54 \$ 123.60	512 1,165	2,974 145	0	2,562 \$ 7,326 \$	54,375	1,189 3,02		2,615	\$ 57,175	1,243	3,185	۰	7.010 \$	61,567	1,351 3,	3,452	0 2,971	\$ 68,929	J RWWHOOD
	B B						2,001	14	0 0 1	500 \$ 150,00	1,001	143	0 10,00	94 9 123,00	1,100	145	U	7,220 \$	92,004	1,190 140		7,479	\$ 97,450	1,244	143		7,010 >	104,944	1,352	143	0 0,490	\$ 117,492	¿ RWWHGD3
t Pump Water Heater		Each	_									_	_																-	-			
mostal-controlled Shower Valve with Tub Diverter	R	Each	30	9 -			11,518 100	20	25 -	903 \$ 12,30	0 80	212	- 72	22 \$ 10,13	135 58	159	-	523 \$	7,600	60 150		542	\$ 7,992	62	159	-	561 \$	8,605	67	159	- 508	\$ 9,634	4 panneggs
r heater blanket and water heater pipe insulation bundle	R	Home	3				2,652																										
losure:							11,871	121	0			90	0 14	3 5 535,61	516	60	- 0	110 5					\$ 1,145,857		8	•	110 5 1,2			60	0 121		
Sealing / Envelope	NR	Home	4,20	5	_		3,547 2,700			- \$ 525,40				\$ 516,15			_		1,075,137	4,450 -			\$ 1,130,511	4,563		-			5,067				C 2015-2017 ESA Impail Evaluation
	R	Home	1 -	7 -	_		8,225 20	12		175 \$ 23,63			0 14	13 \$ 19,40	953 12				14,595	12 60		110		12	8	0	110 \$		13	60			1 везорянствии
C.				87,361	13	- \$ 50	0,019	243,33	7 37	- \$ 567,51	1 1	4,650	29 -	\$ 404,44	643	143,331	22	(6) \$	375,628	146,25	22	(6)	\$ 394,974	- 1	52,871	23	(5) 5 4	25,315	166,	,277	25 (7)	5 476,160	4
Standing Pilot Conversio	R	Each	1 -															_														-	
race RepainReplacement	NR	Home	26				17,363 10			· \$ 5,25	8	-		\$ 4,32			-	- 5	3,244	6 -		-	\$ 3,411	6	-	-	- 5	3,673	7	-		\$ 4,112	2 DOES 2017 ESA Impail Evaluation
m A/C Replacement	R	Home	12	5 6,741	- 1	- \$ 13	0,896 76	4,00	7 1	- \$ 82,66	61	3,280	1 -	\$ 68,11	117 44	2,366	0	- 5	51,079	45 2,42	0	-	\$ 53,709	47	2,527	0	- 5	57,835	51 2,	2,742	1 .	\$ 64,750	D SWINFOOT
iral AT renjaremen	NIA	NA	-		-	. 5				. 5 .		-		5 .			- 1	- 5			-	-	5 .	-	-		- 5	-		-		\$.	1
t Pump Replacemen	NA	N/A		_			_			,		-	\neg					-									-		-	-	-	ř	1
	N/A	N/A	_	_				_				-			_		-				_	_		_	_			-	$\dot{-}$	$\dot{-}$			
constive Cooler (Replacement Installatic Testing and Sealing	NIA	N/A				. 5					-	-		\$.				. 5	-				5 .	-	-	-	. 5					\$ ·	
Hesting and Sealing	- 8	Home							-		-	-					-		-		-			-	-				-			+ -	-
rgy Efficient Fan Control	R					. 5					-	-		\$.				. 5	-				\$.	-	-	-	. 5					\$.	
scriptive Duct Sealing	NA	NA				. \$						-					-		-				\$.	-	-	-	- 5		-	-		\$.	
Efficiency Forced Air Unit (HE FAU	N/A	NA				- 5				. \$.		-		\$ -		-		- 5	-			-	5 -	-	-	-	- 5	-	-	-		5 -	
Time Delay	NIA	NA				. 5				. 5 .				5 .				. 5					5 .				. 5		-	-		5 -	1
y - Whole House Fan	D	Home												· .	. 6	1.626	0	05) 5	12,358	6 1.62	5 0	051	\$ 12,994	- 6	1.626	0	18) 5	13 993	7 1	1.007	0 (2)	\$ 15,666	& macro
ert Thermostat	D	Home	74	2 80 520	12	. 5 10	3 756 2 500	239.25	10 36	. 5 500.00	2,000 1	21.400	29 .	5 412.00	000 1.455	110 110	21	. 5	305 947	1.485 142.21	21			1.556 1	45.715	22	. 5	140.815	1.550 151	11.637		5 321 540	
nferance:	_ ^	Owner	- 10	- 10.000				120.1			2000	1.500		15		120.220		. 6	200.00	1,500 (52.4)	-	-	5 .	122	-	- 44	. 6	7		-		5	
nace Clean and Tune	NR.	Home	6.0	0			5.233 -			_				_				_	-				-		_		_		-	-	-	_	+
tral AC Tune up	NA NA	Home					0,222	_		-	-	-	-	-	_	-			-	-	_	-		-	-	-	-	-	$\dot{-}$	-		-	4
Mang:	nin.	PARTY		277.20	- 1	(2,071) 5 1.46		116.41		1741 5 992.22		0,376	11 (1.68	N 2 800 2		66,350	- 26	(1,610) 5	747.000	73.869		72 5320	5 671,241		5.100	- 20	24 5000 S 3	10.000	93.	100	11 (1,756)	2 355 225	
for Hard wired LEO fishures		Each	2.02	0 12 394		(224)	6.250	25.43		500 5 502.22				00 \$ 413,83		15.397		(291) 5		3.716 15.711			\$ 325,310		16.434	3	(211) 5		4.223 17.		2 (338)		
pior Hard wined LED fidures	9	Each	2,00	12,00%		(2.04)	0,230	1.74		· 5 23.25			3 (40	\$ 19.11	2,040	1.018			14.335	202 1.03		(441)	5 15.073		1.085				230 1			\$ 10.172	
chiere LED	B B	Each		5 29.531	- 4		7 445	1,74	a U	- 3 23,25	272	1,240	0 -	\$ 19,11	117 199	1,016	U		14,335	202 1,03			\$ 15,073	211	1,005	0		16,231	230 1	1,102		\$ 10,172	¿ PORCOLTO-S
ancy Seneor	R	Each	7,00	29,631	4	[366] \$ 63	17,440																		_				-	-			
ancy sansor A-Lamps		Each	29.72	63.015		/1 1800 S A1	6.137 23.994	50.80			10.414		5 (73	371 \$ 177.30		40.509	-		189,540	15.619 33.112			5 159.502	18,548		-		195,190 21				5 222.210	-
Acamps								50,00		(900) \$ 224,34	10,414	39,036			336 19,106	40,509	- 5	(704) \$	189,540	15,519 33,11.			\$ 139,562	18,548	39,322	3	(/42) 5	190,190 2	7,501 43	3,462	5 (820)	\$ 222,210	/ PORCOLTO-S
PAR Lamps RGR Lamps	22	Each Each	29,72	41,911		(803) \$ 41	6,137 23,994	33,83	4	(040) \$ 224.34	10,414	G3994	3 (49	27) \$ 177,33 31 \$ 14,9	336 19,108	25,942 2,492	3	(516) 5	10M,540	15,619 22,02 632 1.90	3	(422)	\$ 159,582	18,548	40,103	3	(501) \$ 1	195,190 2	J.501 28	3,900	3 (554) 0 (45)	a 222,210	/ PORCOLTO-3
RGR Lamps cellaneous:	R	sach	1,47					3,53 597,94	0	- \$ 177.03	935							(47) \$	13,549	632 1,90 355.46	9 50					52					0 (45)	S 14,182	¿ PORCOLTO-3
cesameous:				/66,290	107	. \$ 26	2,041	597,34	2 54	- 13 177,03	4	0,300	67 -	\$ 145,87	1/2	343,180	49	. 5	109,355	355,46	50		\$ 115,019	3	71,700	92	. 5 1	23,000	404)	,042	97 -	3 131,664	4
i Pumps				-																			-						-	-			
art Power Strips - Tier 1 art Power Strip - Tier 2	R	Each		7 545,921		- \$ 15	2,357 3,771	527,94 70,00	10 74	- \$ 142,72				\$ 117,60	501 2,195	307,440	43		88,186	2,242 313,88	44		\$ 92,728	2,344 3		45	- 5	99,851	2,548 356	6,720	50 -	\$ 111,790	O 2015-2017 ESA Impail Evaluation
art Power Strip - Her Z	R	Each	1,56	7 219,369	31	- \$ 10	9,684 500	70,00	U 50	- \$ 34,31	400	00,000		b 28,21	(/1 291	40,740	- 6	. 5	21,200	297 41,58	. 6	-	\$ 22,292	311	43,542	- 6	. 5	24,004	335 47	7,320		 26,874 	4 2015-2017 ESA Impail Evaluation
te:							-					- 1		\$ -				. 5					5 .		-	-	. 5	-		_		5	4
				1	1			1			1																						1
																			21,450				\$ 188,386					42,547				\$ 242,824	
Purflers	_	Home				- 5		-	-	. 5 .	-			5 -	- 100		1 -	- 5	29,009	200	1 -		\$ 59,881	250			\$	77,097	250		1	\$ 79,410	3
ome Displays		Home				. 5			-	. \$.				\$.				\$	-				5 .	-			\$	-	-			\$.	T
ible AC		Home				- 5				. 5 .	-			5 -	- 100			5	62.381	200			\$ 128,505	250			5	65.450	250	-	-	\$ 170,413	a .
anim		Home				. 5					1 -																		-	-	-		1
tomer Enrollment							-	-		. 5260260				5 2,150,00	200				1.555.602		-		5 1.482.062		-	-	. 515	95,911	=	_		\$ 1,786,727	/
mach & Assessment		Home		1			. 10.000			. 5.2.200.00	8,000	- 1		\$ 1,015,00							_		5 .						=	$\overline{}$	-	5 .	
INICH & ASSESSMENT INNA Education	_	Home	+	+	-		- 10,000		+	- 5 2,200,00				\$ 1,010,00			-				-	_		-	-	-			$\dot{-}$	$\dot{-}$	-	-	+
		PM036	-	-		- 5	- 10,000			- 3 402,60	8,000			> 334,00		-		. 5	-		-	-		-	-	-	. 5		\rightarrow				
- Audit, Assesment and Enrollment			1 .	1 -	1 .	- 5	- 1 -			- 5 -	1 -	- 1	- -	5 -	5,824				1,031,419	5,946 -	1 -		\$ 930,882	6,216		-		302,391	3,757			\$ 1,122,242	
r - Enhanced In-Home Energy Education	_					- 5				. 5 .	-	. [5 -	5,824			- 5	524,183	5,946 -		-	\$ 551,180	6,216	- T	- 1	- 5 :	193,521	6,757	- 1		\$ 654,485	3
- Online Home Energy Audits Only				-					-					٠.	3.657					4.450			s .	4.672					5.079			٠.	7
						78.262 5 4.60			157 64			12.334						30,018 \$		686.11			\$ 4.413,060				40,600 \$ 43			19.551	100 44,215		

included in Water heater blanket and water heater pipe insulation buildle

Table A-4-2: Multi-family Non-deed Restricted Common Area Installation

Table A-4. Millionality Notroles (restricted Collision Area Installations		_	NIA						DX 2021	Discount			PY 2022 Plan	nnad		$\overline{}$	PY 20	23 Planned			DY	2024 Planned				Y 2025 Planned	-	-	PY 2026 P	Mannad	_
Measures	R+Resource NR+Non-Resource	Units					Qu	antity falled kW		kW Thorns Annual) (Annual)			XW	Therms	Proposed Expenses	d Quantity Installed	kWh	kW Thorn nousl) (Annus	B Propos () Expens	sed Quantity ses installed	kWb	kW The	ms Propos usi) Expens	ed Quantit es Installe	r kWb	kW Tr	herms Prop		Quantity kWh kW natalled (Annual) (Annual	Thorms Propos	sed (Workpaper Number or Impact Evaluation Report
Appliances:																															
Efficient Refrigerator, ENERGY STAR, Top Freezer, No los, Medium (15-20 cu ft).	R	Each			-		\$.	-			\$ -	5 195	0	2 (2)	\$ 1,822	. 9	359	0	(6) \$ 3	3,520 90	400	0	(7) \$ 4	029 1	1 435	0	(7) \$	4,565	12 479	0 (8) \$ 5,	5,129 SWAP001
HVAC:		4	4																											4	
Duct Seal and Test, Residential, High (40% to 12%), Mfm, C207	R	Cap-Tons					\$.		-		\$.				\$.	1 1	3	0	1 5	57 1	3	0	1 5	59	1 3	0	1 5	61	1 3	0 1 5	63 SWSV001
Duct Seal and Test, Residential, High (40% to 12%), Mfm, CZ10	R	Cap-Tons	۰				\$.				\$.			,	\$.	1	11		1 5	57 1	- 11	0	1 5	59	1 11	0	1 5	61	1 11	8 1 5	63 SWSV001
Duct Seal and Test, Residential, High (40% to 12%), Mfm, CZ14	R	Cap-Tons	0		-		\$.	-			\$ -			-	\$.	1	38	0	2 \$	57 1	38	0	2 \$	59	1 35	0	2 5	61	1 35	0 2 5	63 SWSV001
Duct Seal and Test, Residential, High (40% to 12%), Mfm, CZ15	R	Cap-Tons	0		-		\$.	-			\$ -			-	\$.	1	32	0	1 5	57 1	32	0	1 5	59	1 32	0	1 5	61	1 32	0 1 5	63 SW5V001
Duct Seal and Test, Residential, Medium (25% to 15%); Mfm, CZ07	R	Cap-Tons			-		\$.	-			\$ -			-	\$.	1	1	0	0 \$	57 1	1	0	0 \$	59	1 1	0	0 \$	61	1 1	0 0 5	63 \$W\$V001
Duct Seal and Test, Residential, Medium (25% to 15%), Mfm, CZ10	R	Cap-Tons	_ 0	-	-	-	\$.	-			\$.			-	\$.	- 1	5	0	0.5	57 1	5	0	0 5	59	1 5		0.5	61	1 5	0 0 5	63 SWSV001
Duct Seal and Test, Residential, Medium (25% to 15%), Mfm, CZ14	R	Cap-Tons	_ 0	-	-	-	\$.	-			\$.			-	\$.	- 1	16	0	1.5	57 1	16	0	1 5	59	1 16		1 5	61	1 16	0 1 5	63 SWSV001
Duct Seal and Test, Residential, Medium (25% to 15%), Mfm, CZ15	R	Cap-Tons		-	-	-	\$.	-			\$.			-	<u> </u>		14	0	0.5	57 1	14	0	(1) 5 141	59	1 14		0 5	61	1 14	0 0 5	63 SWSV001 1754 RE-HV-ResHP-16x05-9x0H
HEAT Pump Split System (<=1.5 ton)(2 - 2.5 ton)(3 - 3.5 ton)(4 - 4 ton)	R	Cap-Tons	_ 0	-	-	-	\$.	-			\$.	35 3,362	2	2 (0)	\$ 34,395	. 116	11,178	7	(0) \$ 117	7,413 136	13,092	9			6 14,224		(1) \$ 1	.58,925	158 15,213		
High Efficiency Furnace, Residential, AFUE 92%-VSM, MFm	R	Household	_ 0	-	-	-	\$.	-			\$.	135 4,050	2	2 678	\$ 1,154	. 464	13,816		13 5 4	1,055 540			502 \$ 4		17,389	- 11	2,911 \$		628 18,699 1	11 3,130 \$ 5,	
High Efficiency Furnace, Residential, AFUE 97%-VSM, MFm	R	Household	_ 0	-	-	-	\$.	-			\$.	84 2,501	2	2 595	\$ 1,000	284	8,456	5 2,0		1,724 332	2,886		352 \$ 4		0 10,712		2,550 \$		354 11,434	7 2,720 \$ 5,	
Residential Smart Thermostat	R	Each	_ 0	-	-		5 -	-	-		5 -	28 2,770	-	108	\$ 4,290	100	2,894	- 3	85 \$ 15	5,781 116	11,477	-	440 5 10	855 12	12,259		478 \$ 3	20,760	136 13,456 -	525 \$ 23,	1,452 \$8990039
Water Heating:	D	4	4													_								524 2			=				
1in Tank Insulation-Medium Temp-High Usage-Indoor (SWWH018A), Gas		Area-82		-	-		\$.	-			\$.	17 -		199			-		19 \$	473 81					δ .		1,030 \$	631	94		694 SWWH018
1in Tank Insulation-Medium Temp-High Usage-Outdoor (SWWH0188), Gas Commercial Inst. Heaters < 200 kBTUh. 0.87 UEF (SWWH0088)	R	Area-82 Can-MITTIN	- 0	-				-				68 (47	-	919	\$ 440	6 280 8 2,047	/1 1021	- 3.7	ED 19 1	1,892 324 5,241 2,385		- 4	380 S 2	200 3	0 (1.509		4,750 \$	2,523	376 - 2,756 (1,613)	5,083 \$ 2,	2,776 SWWH018
Commercial Inst. Heaters. <-200 kBruhr. 0.81 UEF (SWWH005A)	P P	Cap-ABTUh		-	-			-	-			585 (342)	- 10	1 100			(1,197)	- 4.1		5,241 2,385	(1,390)			292 2.50			5.209 5	47,122	2,756 (1,913)	(0) 12,273 5 51, 5,654 5 51,	
Commercial Inst. Heaters, <-200 kBluthr, 0.81 UEF (SWWH006A) Faucet Aerolor Kitchen 1.5 GPM, MF, elec		Cap-kBTUh Each	+ -	-				-				9 1251	-	1,199	\$ 9,778			4.1	No. 9 35	121 2,385				292 2,50	7 5.191		3,209 \$ 4	47,122	2,758		1,884 SWWH006 179 SWWH001
Faucet Aerator Kitchen 1.5 GPM, MF, elec Faucet Aerator Kitchen 1.5 GPM, MF, cass		Each	+ -	-				-				9 1,263		-	\$ 36		4,209	-14 -	12	123 34	4,770	- 1		144 3	5,191	- 1	225 5	161	40 5,612	244 5	179 SWWH001
Faucet Aerator Kitchen 1.5 GPM, MF, gas Faucet Aerator Layatory 1.2 GPM, MF, elec	R	Each	- 0	-	-		\$.	-			\$.	9 :		55	\$ 30	. 30			83 \$	123 34			207 \$	144 3	7 .		225 \$	161	40 -	244 \$	179 SWWH001
Faucet Aerator Lavatory 1.2 GPM, MF, eac Faucet Aerator Lavatory 1.2 GPM, MF, cas		Each	0	-	-			-	-			2 114	U	, .	. /	50	570			30 11	627	U	77 5	40 1	2 664		30 5	45	13 741	72.5	50 SWW0001
Low Flow Showerhead 1.25 GPM, MF, elec	R B	Each	0	-	-			-	-			- 2	-		2 4	50		3.459	20.3	36 11 951 25		7.000		190 2		4 211	30 5	211	30 1 45		211 SWMH007
MF Boller, Hol Water, 84% TE < 200k BTUh (SWWH010A)	R	Canadittiin		-	-			-	-			1.400 -	/54		\$ 33,001		- 1	3,439	80 5 111		- 1		967 5 134	190 2	B 1	4,211	7.537 \$ 14	211	30 1 4,5	8.059 \$ 164	
ME Boller, Not Water, Serv. TE in 2009 (RTLIN (SWIMMSON))	В.	Cap-kBTUh	0	-	-		3 -	•	-			1,600	-	1.620	5 45 535	4.600		- 59	16 5 162	7.822 6.205	-		1127 5 195	502 5.0		-	20 705 5 2	49.344	6.199	22,134 5 239	ARCS SWAMPING
Pipe Insulation 1 Insulation ++ 1 pipe Hot Water Outdoor (SWWH017A), Gas	R B	Lap-kB run		-	-			-	-			1,000 -	-	1,004	5 40,030			- 10,4			-		120 5 4		1 .		6.824 5		7,281	7.289 5 5	
Pipe Insulation 1 Insulation == 1 pipe Not Water_Outdoor (SWWH017A), Gas	P P	Land	0	-	-			-	-			41	-	1,007	5 1,120			- 5,4		945 153	-		273 5 1			-	205 5		192	7,209 5 5,	3,351 SWWH0017
Ughting:	R	Lanes	- 0	-	-		s .	-	-		2 .	43 -	-	12	5 202	140	-	- 2	35 3	349 163	-	-	2/3 3 1	134 13			200 3	1,201	100	315 3 1.	386 SWWHUU17
45 8 Watt Pool Light LED replacing 300 Watt incandescent		Fature	-				,				,	14 15.588			5 13 208	_	62.220		5 45		62,350		· \$ 50	047 6	0 66,804			61 852	64 71,258 -	. 5 67	1955 WPSDGENRLG0028-Rev01
45 8 Watt Spx Light LED replacing 300 Watt incandescent		Done	+	-	-	·		-	-		:	15 15 701	-		5 14 151		55,570	-	5 40		65,691		. 5 50	040 6	3 70,564			54.945	68 75.711 -	- 2 0	2,202 WPSDGENRLG0028-Rev01
52 4 Watt Pool Light LED replacing 400 Watt incandescent		Figure	+	-	-	·		-	-		:	10 15 225	-		5 11 121		50.242	-	5 30		59,377		. 5 40		2 53,944			51,956	45 60,512 -	. 5 57	
52 4 Watt Spa Light LED replacing 400 Watt incandescent	- 8	DO: FE	+i	-			ŧ :	-				14 21,315	-	-	\$ 15,849		71.507		1 2	2004	63.736		- 3 60	100	9 69,825			72,980	63 95916 -	. 5 8	0,272 WPSDGENRLG0028-Rev01
67 4 Watt Pool Light LED replacing 500 Watt incandescent	. D	Flature	0				š .				š .	14 25.527	-		\$ 17,610		89.055		\$ 50		104.213	-	- 5 73		9 111,792			81,095	63 119.371 -	- 5 59	2.191 WPSDGENRLG0028-Rev01
ET A WAR Foot Light LED replacing 500 Was incompanied.		Figure	+	-	-	·		-	-		:	10 18,948	-		\$ 12,579		62.528	-	5 42		73,896		. 5 52		2 79.581			57,729	45 85,265 -		1.708 WPSDGENRLG0028-Rev01
67 4 Watt Spa Light LEO replacing 500 Watt incandescent Interior Hardwired Fisture, MF, elec	- 8	Each	+i	-			ŧ :	-				250 1.050	- 0	200	\$ 29,875	425	3.576	0 0	68) \$ 104	1007 564	4,162		(79) \$ 124	749 100	0 4,505	- 1	00 E 1	139,055	1,128 4,814	1 7511 5 157	1000 PGECOLTG-3
LED A Larros, MF, elec	. D	Each	0				š .				š .	221 621		(17)	\$ 2,950		2.099	0 6	401 5 10	2,255 1,150	2.438	0	(45) 5 12	263 1.24					1.323 2.805	0 (53) 5 1/	1992 PGECOLTG-3
LED Outdoor Parking Garage Floture: 0 - 36W	. D	Flidure	0				š .				š .	12 520	-		5 1917		1.901			5.582 47			. 5 7		1 2.424			8,903	54 2,500 -		709 WPSDGENRLG0181-Rev04
LED Outdoor Parking Garage Floture: 39 - 50W	. D	Floure					š .				š .	3 582	-		\$ 709	2 50	507		5 2	2434 11	567	-	- 5 2	757 1	2 728		- 5		13 789		1.457 WPSDGENRLG0181-Rev04
LED Outdoor Parking Garage Fixture: 57 - 88W	0	Facure	- 0		-		š .	-			ŧ .	3 272	-		\$ 079		905			1006 11	996		- 3 3	406	2 1,086		- 5		13 1.177 -	. 3 7	1271 WPSDGENRLG0181-Rev04
LED Outdoor Parking Garage Floture: 89 - 113W	. D	Done	0				š .				š .	13 1 586	-		5 4 100		5.246		5 14	195 51	6.222	-	. 5 17	341 *	5 5.710			19.252	50 7105		283 WPSDGENRI GO181-RevO4
LED Outdoor Pole/Arm-Mounted Fixture: 108 to 140W	. D	Floure	0				š .				š .	110 51,040	-		\$ 45,100	4 371	172,144		5 155	5,696 433	200,912	-	- 5 100	300 40	0 217,152		. 5 7	209.703	500 232,000 -	- 5 230	2763 WPSDGENRLG0181-Rev04
LED Outdoor Polis/Arth-Mounted Fishure: 147 to 235W	Ř	Facure	- 0	-	-		3 -	-	-		3 -	90 83,700	-		\$ 36,254	4 304	262,720		\$ 133	3.125 354	329.220	-	- 5 159	671 3	356,190		- 3 1	177.934	429 360,370 -	- 5 195	5713 MPSDGENRLG0181-Rev04
LED Outdoor Polis/Arm-Mounted Folum: 69 to 90W	R	Facure	0		-		5 -	-	-		5 -	90 23,220	-		\$ 31,003	3 307	79.205		\$ 111	1,739 355	91,590	-	- \$ 133	086 36	4 99.072	-	- 5 1	148.277	410 105.780 -	- 5 163	1.066 WPSDGENRLG0181-RevO4
LED Outdoor Polis/Arm-Mounted Fixture: 91 to 107W	р	Facure	-				٤ .				ŧ .	110 37,840	-		\$ 40,127	7 371	127.624		\$ 139	3 307 433	145,952		- \$ 167	574 46	8 160,992		. 5 1	186,552	500 172,000 -	. 5 207	5.287 WPSDGENRLG0181-Rev04
ED Outdoor Wald-Mounted Dylans 0 - 25W	. D	Done	0				š .				š .	200 7 322	-		\$ 33,081		24 750		5 115			-	. 5 135		2 31 923			153 993	950 33357		2410 WPSDGEREI G0182/Rw/00
LED Outdoor Wall-Mounted Fedure: 26 - 3WF	Ř	Facure	- 0	-	-		3 -	-	-		3 -	200 5,948	-		\$ 34,842	£ 676	20,104		\$ 121		23,405	-	- 5 145	453 60	2 25338	-	- 3 1	(62,190	910 27.063 -	- 5 178	
LED Outdoor Wall-Mounted Foture: 40 - SW/	R	Fature			-		5 -	-	-		5 -	28 1,345	-		5 5,992	2 94	4.517		\$ 24	K177 110	5.286	-	. 5 29	141 11	9 5,718	-	- 5	32.471	127 6,102 -	. 5 35	5.693 WPSDGERELG0182-Rw/00
LED PAR Lamps, MF, elec	р	Each	-				٤ .				ŧ .	949 1,335		(26)	\$ 12,175	4 3 207	4 522	4 6	87) 5 42	2 382 3 236	5.255	- 1	(101) \$ 50	554 4 N	3 5 701		(100) 5	55.554	4.321 6.093	1 (117) 5 67	2.399 PGECOLTG-3
LED RER Larges, MF, elec	R	Each	0	-	-		5 -	-	-		5 -	350 1,057		(20)	5 4.842	2 1,183	3.573	0 0	67) \$ 16	5,857 1,378	4.162	0	(79) \$ 20	224 1.49	1 4,503	- 1	(85) \$ 2	22.539	1.593 4.811	1 (91) 5 24	LB04 PGECOLTG-3
LED T6 Lamp UL Type A 4 foot (Common Area)	R	Lamp	- 0		-		š -	-	-		5 -	1.858 149.962	2	(1.661)	\$ 38,500		507.847	7 (5.6	25) 5 134	518 7.342	592,702	9 (6	5631 \$ 161		0 641,664	9	(7.104) \$ 1		8.500 686.243	10 (7.597) \$ 198	1.574 SWLG009
Residential MF Interior - LED Direct/Indirect Linear Ambient 2 ft. New Luminaire. >= 125 to 139 LPW	R	KloLumen	0		-		5 -	-	-		5 -	1 10		100	\$ 141	1 3	31	0	(0) S	435 3	31	0	(0) \$	440	4 41	0	101 5	616	4 41	0 (0) 5	634 SWLG012
Residential MF Interior - LED Direct/Indirect Linear Ambient 2 ft. New Luminaire. >= 140 LPW	R	KloLumen	0		-		5 -	-	-		5 -	1 14		100	\$ 102	2 3	41	0	(0) S	501 3	41	0	(0) \$	516	4 55	0	101 5	709	4 55	0 (0) 5	731 SWLG012
Residential MF Interior - LED Direct/Indirect Linear Ambient 2 ft. New Luminaine, >= 140 LPW Residential MF Interior - LED Direct/Indirect Linear Ambient 4 ft. New Luminaine, >= 125 to 139 LPW	Ř	KloLumen	ŏ	-	-	-	5 -	-			5 -	198 2,039	0	(18)	\$ 27,396	2 669	6,891	0 0	61) \$ 95	5,342 779	8,024	ó	(71) \$ 114	349 84	3 8,683	0	(76) \$ 1	127,455	4 55 901 9,280	0 (82) \$ 140	,311 SWLG012
Residential MF Interior - LED Direct/Indirect Linear Ambient 4 ft. New Luminaire, >= 140 LPW	R	KiloLumen	0		-		s ·	-	-		\$ -	1 14	0	(0)	\$ 150		41	0	(0) \$	482 3	41	0		496	4 55	0	(0) \$	582	4 55	0 (0) \$	702 SWLG012
Residential MF Interior - LED Direct/Indirect Linear Ambient 8 ft. New Luminaire, >= 125 to 139 LPW	R	KiloLumen	0		-		s ·	-	-		\$ -	1 10	0	(0)	\$ 162		31	0	(0) \$	501 3	31	0		516	4 41		(0) \$	709	4 41	0 (0) \$	731 SWLG012
Residential MF Interior - LED Direct/Indirect Linear Ambient 5 ft. New Luminaire. >= 140 LPW	R	KloLumen	0		-		5 -	-	-		5 -	1 14		100	\$ 150	J 3	41	0		402 3	41	0	(0) \$	495	4 55		101 5	552	4 55	0 (0) 5	702 SWLG012
Torchiere Lamps, MF, elec	R	Each	0	-	-		5 -	-	-		5 -	251 1,062	0	(20)	\$ 2,527	847	3,563	0 0	68) \$ &	5,784 987	4,175	- 1	(79) \$ 10	543 1,00	0 4,510	- 1	(85) \$	11,750	1,142 4,831	1 (91) \$ 12	2,941 PGECOLTG-3
Macellaneous:		1																													
Commissioned variable-speed pumps	R	Each	0				s ·	-			\$ -	12 15,026	3		\$ 8,374		45,079	10 -	\$ 25	5,875 44	55,097	12	- \$ 32	574 4	5 55,349	12	- 5	34,313	45 60,106 1	13 - \$ 37,	,699 SWRE002
Smart Strip Tier II, MF, elec	R	Each	- 0		-		5 -	-	-		5 -	88 12,675	2	2 (148)	\$ 4,483	J 280	40,331	7 (4	72) \$ 14	1,692 326	47,244	0	(553) \$ 17	726 32	2 50,701	9	(593) \$		376 54,158	9 (633) \$ 21	,556 WPSDGEREHE0004_Rev1.1
	NR	Each	0				\$.		-		\$.	34 -			\$ 166,793				\$ 501				- \$ 697		. 0			777,284	155	- \$ 855	
Minor repairs, permits and other miscellaneous costs	NR	Each										- 56 525 198		7 12,056	\$ 57,135			3.507 44.3	\$ 213			3.967 51	· \$ 251			4.272		284,829	255	77 50 704 5 4 221	

PY 2021-2026 Energy Savings Assistance Program Table A-5, Portfolio Goals and Target Populations

San Diego Gas & Electric Company																								
			E	lectric Saving	s			Dem	and Savings				Ga	s Savings				GH	G Savings		Combi	ned (Electr	c and Gas) S	Savings
		ggregate Va			al Goals	Annual Metric [3]	1	ggregate V		Annual Goal		regate Val			al Goals	Annual Metric [3]		ggregate V		Annual Metric [3]	•	gregate Val	ues	Annual Metric [3]
TA D	Total Potential (kWh)	Total Goal (kWh) for six year cycle	Total Participation Goal (HH) for six year cycle	Average Annual Resource Electric Savings per Household (kWh/HH/yr) ³		Average Annual Household hardship reduction indicator (units/HH/yr) [4] ⁵	Total Potential (kW)	Total Goal (kW) for six year cycle	Total Participation Goal (HH) for six year cycle	Average Annual Resource Demand Savings per Household (kW/HH/yr) ³	Total Potential (therms (MM))	Total Goal (therms) for six year cycle	Total Participation Goal (HH) for six year cycle	Average Annual Resource Gas Savings per Household (therms/HH/yr) ³	Non-Resource Quantitative Goal per Household (units/HH/yr) ⁴	Average Annual Household hardship reduction indicator (units/HH/yr) [4] 5		Total Goal (GHG (Tons))) for six year cycle	Goal (HH) for six	Average Annual GHG Savings per Household (GHG (Tons)/HH)	Total Potential (kBTU)	Total Goal (kBTU)	Participation	Average Annual kBTU Savings per Household (kBTU/HH)
Target Populations															(dintarinayi)		1							
Housing Type																								
Single Family Multifamily [1]	TBD	12,000,000	40,000	300	\$60		TBD	2,000			TBD	370,000 190.000			\$60	To be reported starting in	n TBD	8,765 3,477	40,000	0.22	TBD	77,944,000 33.671.600	40,000 43,000	1,949 783
Mobile Homes	IBD	2,000,000	43,000			2021 with baseline calculated for PY2020	IBD	240			IBD	150,000			\$60	2021 with baseline calculated for PY2020	IBD	1 978			IBD	21.824.000		
Housing Total		18,300,000	91,000		900	Calculated for P 12020		2,670		0.03		710,000			300	Calculated for F12020	+	14,220	8,000 91,000	0.20		133,439,600	8,000 91,000	2,720
Customer Type																								
Disadvantaged Communities ¹ [2]	TBD	700,000	3,600	175	\$60	To be reported starting in 2021 with baseline calculated for PY2020	TBD	100	3,600	0.03	TBD	28,000	3,000	1	\$60	To be reported starting in 2021 with baseline calculated for PY2020	TBD	549	3,600	0.15	TBD	5,188,400	3,600	1,441
Tribal Communities ²																								
Other ESA-eligible Communities ²																								
CARB-Identified Communities ²																								
Customer Total	_																							
Climate Zone*2																								
Other Category*2																								

[&]quot;Optional categories to Bisin. Housing Type and Customer Type are mandatory.

(1) For the purposes of this Application, consider a multifamily building has at a minimum five or more units.

(2) As designated by CusTEPA using their Califfrow/Govern 100

(3) Include both Resource and Equilty measures in calculation

(4) Clies source of nites used to calculation any bill awings.

(3) Clies source of nites used to calculate any bill awings.

(3) Costs for DACs are based on percentage of eligible unfreaded population residing in these communities. These are included in the Housing Type goals.

(5) CSGS is not distinguishing goals by castomer type "Parial" "other" or "CARB", or climate zone or other category

(3) Aware annual resource goals are based on forecasted savings for resource measures per household bye divided by rumber of homes treated per household type

(4) Awarega ensual non-resource goals are based on estimated artificiation and resource goals are based on estimated artificiation and resource process to based on estimated artificiation and resource process to based on estimated artificiation and resource process are based on estimated process and resource process are based on estimated process and resource process are based on estimated process are based on estimated per formate process are based on estimated process and resource process are based on estimated per formated per form

Energy Savings Assistance Program Table A-6, Detail by Housing Type San Diego Gas & Electric Company

	PY 2021	PY 2022	PY 2023	PY 2024	PY 2025	PY 2026
				Projected Customers		
	Projected Customers Treated	Projected Customers Treated	Reached ¹	Reached ¹	Reached ¹	Reached ¹
Gas and Electric Customers	18,269	14,639	18,566	21,248	22,207	24,126
Owners - Total	3,760	3,190	5.227	6.007	6,243	6,715
Single Family	2,322	1,782	1.938	2.141	2.260	2,498
Multifamily	150	120	87	89	93	101
Mobile Homes	1,288	1,288	1,288	1,288	1,288	1,288
Audits Only	-	-	1,914	2,489	2,602	2,828
Renters - Total	14,509	11,449	13,340	15,241	15,964	17,411
Single Family	5,332	4,092	3,077	3,401	3,590	3,968
Multifamily	9,100	7,280	5,300	5,411	5,657	6,149
Mobile Homes	77	77	77	77	77	77
Audits Only	-	-	4,885	6,352	6,640	7,217
Electric Customers (only)	1,731	1,361	1,824	2,105	2,207	2,411
Owners - Total	587	457	708	829	870	953
Single Family	516	396	399	441	465	514
Multifamily	50	40	29	30	31	34
Mobile Homes	21	21	21	21	21	21
Audits Only	-	-	259	337	353	383
Renters - Total	1,144	904	1,115	1,276	1,337	1,458
Single Family	430	330	285	315	332	367
Multifamily	700	560	408	416	435	473
Mobile Homes	14	14	14	14	14	14
Audits Only	-	-	408	531	555	604
Gas Customers (only)	N/A	N/A	N/A	N/A	N/A	N/A
Owners - Total						
Single Family						
Multifamily						
Mobile Homes						
Renters - Total	-	-				
Single Family						
Multifamily						
Mobile Homes						
Total Customers	20,000	16,000	20,390	23,353	24,414	26,537

^{*} Multifamily is defined as 5 or more units

¹ Customer Reached includes customers receiving in home treatment and audit only

Energy Savings Assistance Program Table A-6a, Detail by Housing Type (Multifamily only) San Diego Gas & Electric Company

	PY 2021	PY 2022	PY 2023	PY 2024	PY 2025	PY 2026
	Projected	Projected	Projected	Projected	Projected	Projected
		Customers Treated	Customers Treated			Customers Treated
Gas and Electric Customers						
Owners - Total						
Properties	9	8	5	6	6	6
Multifamily Tenant Units	169	135	98	100	105	114
Units Indirectly Treated (CAM)	19	15	11	11	12	13
Renters - Total						
Properties	569	455	331	338	354	384
Multifamily Tenant Units	10,238	8,190	5,963	6,087	6,364	6,918
Units Indirectly Treated (CAM)	1,138	910	663	676	707	769
Electric Customers (only)						
Owners - Total						
Properties	3	3	2	2	2	2
Multifamily Tenant Units	56	45	33	34	35	38
Units Indirectly Treated (CAM)	6	5	4	4	4	4
Renters - Total						
Properties	44	35	26	26	27	30
Multifamily Tenant Units	788	630	459	468	489	532
Units Indirectly Treated (CAM)	88	70	51	52	54	59
Gas Customers (only)						
Owners - Total						
Properties						
Multifamily Tenant Units						
Units Indirectly Treated (CAM)						
Renters - Total						
Properties						
Multifamily Tenant Units						
Units Indirectly Treated (CAM)						
	625	500	364	372	389	422

NOTES

- 1 Multifamily buildings are defined as 5 or more units
- 2 Property is a collection of one or more buildings that constitute a multifamily property
- 3 Multifamily tenant units are provided here to give a sense of the number of low-income households impacted through treatment of a whole building treatment or common area measures
- 4 "Units Treated" should only be completed for units not captured in A-6 as part of a whole building treatment where measures are installed in common areas and in units

*** Assumptions Used to Populate Table

- 1 The MF buildings that SDG&E will be targeting will have a low income population where 65% of the tenants will have a high propensity to meet the ESAP income guidelines
- 2 The MF properties that SDG&E will be targeting will have an average of 16 low income units per building
- 3 The MF properties that SDG&E will be targeting will have an average of 18 units per building

Summary of Energy Savings Assistance Program Table A-7, Cost Effectiveness San Diego Gas & Electric Company

In-unit Installations for All Housing Types

	Ratio of Program Bene	fits over Program Costs			
	Energy Savings Assistance Cost Effectiveness Test (ESACET)	Resource Test [1]	TRC [2]	PAC [2]	RIM [2]
PY 2016*	0.78	0.59			
PY 2017*	0.74	0.53			
PY 2018*	0.74	0.53			
PY 2019*	0.78	0.74			
PY 2020*	0.78	0.74			
PY 2021	0.74	0.41	0.19	0.19	0.14
PY 2022	0.70	0.40	0.17	0.17	0.13
PY 2023	0.81	0.33	0.15	0.15	0.12
PY 2024	0.90	0.33	0.16	0.16	0.12
PY 2025	0.95	0.32	0.16	0.16	0.12
PY 2026	1.04	0.32	0.17	0.17	0.12

^{*} Sources of test results from prior years: PY2016 is from the 2015 to 2017 Low-Income Application A.14-11-009 filed November 2014; PY2017 and PY2018 are from the Conforming Advice Letter 3065-E/2568-G filed April 2017; PY2019 and PY2020 are from the Midcycle Advice Letter 3250-E / 2688-G filed July 2018.

Multi-family Non-deed Restricted Common Area Measures

	Ratio of P	rogram Benefits over Program Co	sts
	TRC	PAC	RIM
PY 2021	0.00	0.00	0.00
PY 2022	0.25	0.26	0.18
PY 2023	0.66	0.77	0.32
PY 2024	0.67	0.79	0.32
PY 2025	0.66	0.78	0.32
PY 2026	0.66	0.78	0.32

^[1] Formerly known as the Resource TRC, updated per:June 2018 Recommendations of the ESA Cost Effectiveness Working Group.

^[2] Provided for PY2021 through PY2026 in compliance with Decision 19-05-019.

Energy Savings Assistance Program Table A-8, Cost-Effectiveness - Weather Sensitive Measures San Diego Gas & Electric Company

						202	21		2022	20	023	2	024		2025	2	2026
Measure*	R=Resource NR=Non-Resource	Measure Group	Type of Home (SF, MH, MF)	Electric or Gas	Climate Zone** (Number)	ESACET	Resource Test [1]	ESACET	Resource Test	ESACET	Resource Test [1]	ESACET	Resource Test [1]	ESACET	Resource Test	ESACET	Resource Test [1]
Air Sealing / Enclosure	NR	Enclosure	MF	elec	7,10,14,15	0.86	n/a	0.92	n/a	0.99	n/a	1.07	n/a	1.15	n/a	1.23	n/a
Air Sealing / Enclosure	NR	Enclosure	MH	elec	7,10,14,15	1.32	n/a	1.42	n/a	1.53	n/a	1.65	n/a	1.77	n/a	1.91	n/a
Air Sealing / Enclosure	R	Enclosure	SF	elec	7,10,14,15	1.10	0.05	1.16	0.05	1.28	0.05	1.40	0.04	1.50	0.04	1.63	0.04
Air Sealing / Enclosure	NR	Enclosure	MF	gas	7,10,14,15	0.86	n/a	0.92	n/a	0.99	n/a	1.07	n/a	1.15	n/a	1.23	n/a
Air Sealing / Enclosure	NR	Enclosure	MH	gas	7,10,14,15	1.32	n/a	1.42	n/a	1.53	n/a	1.65	n/a	1.77	n/a	1.91	n/a
Air Sealing / Enclosure	R	Enclosure	SF	gas	7,10,14,15	1.17	0.01	1.25	0.01	1.38	0.01	1.48	0.01	1.60	0.01	1.72	0.01
Attic Insulation	R	Enclosure	MF	elec	7,10,14,15	1.26	0.04	1.33	0.04	2.14	0.04	1.56	0.04	1.67	0.04	1.81	0.04
Attic Insulation	R	Enclosure	SF	elec	7,10,14,15	1.27	0.03	1.34	0.03	1.74	0.03	1.43	0.03	1.69	0.03	1.83	0.03
Attic Insulation	R	Enclosure	MF	gas	7,10,14,15	1.09	0.16	1.09	0.17	1.40	0.17	1.20	0.17	1.40	0.17	1.53	0.17
Attic Insulation	R	Enclosure	SF	gas	7,10,14,15	1.14	0.12	1.15	0.12	1.49	0.12	1.24	0.12	1.48	0.12	1.61	0.12
Duct Testing and Sealing	R	HVAC	SF	elec	10	0.35	0.03	0.37	0.03	0.02	0.02	0.44	0.02	0.47	0.02	0.50	0.02
Duct Testing and Sealing	R	HVAC	SF	gas	10	0.36	0.03	0.37	0.03	0.40	0.03	0.44	0.03	0.47	0.04	0.50	0.04
Energy Efficient Fan Control	R	HVAC	SF	elec	7,10,14,15	0.41	0.59	0.36	0.58	0.39	0.55	0.44	0.54	0.45	0.51	0.49	0.50
Furnace Repair/Replacement	NR	HVAC	MF	gas	7,10,14,15	0.35	n/a	0.38	n/a	0.40	n/a	0.43	n/a	0.47	n/a	0.50	n/a
Furnace Repair/Replacement	NR	HVAC	MH	gas	7,10,14,15	0.35	n/a	0.38	n/a	0.40	n/a	0.43	n/a	0.47	n/a	0.50	n/a
Furnace Repair/Replacement	NR	HVAC	SF	gas	7,10,14,15	0.26	n/a	0.29	n/a	0.31	n/a	0.34	n/a	0.38	n/a	0.41	n/a
Room AC Replacement	R	HVAC	MF	elec	10,14,15	0.36	0.05	0.37	0.05	0.40	0.05	0.44	0.04	0.47	0.04	0.50	0.04
Room AC Replacement	R	HVAC	MH	elec	10,14,15	0.36	0.05	0.37	0.05	0.40	0.05	0.44	0.04	0.47	0.04	0.50	0.04
Room AC Replacement	R	HVAC	SF	elec	10,14,15	0.36	0.05	0.37	0.05	0.40	0.05	0.44	0.04	0.47	0.04	0.50	0.04
Smart Thermostat	R	HVAC	MF	elec	7,10,14,15	0.40	0.47	0.36	0.46	0.40	0.44	0.44	0.43	0.45	0.43	0.49	0.42
Smart Thermostat	R	HVAC	MH	elec	7,10,14,15	0.37	0.14	0.37	0.13	0.40	0.13	0.44	0.13	0.46	0.12	0.50	0.12
Smart Thermostat	R	HVAC	SF	elec	7,10,14,15	0.41	0.72	0.36	0.70	0.39	0.68	0.44	0.67	0.45	0.65	0.49	0.65
Whole House Fan	R	HVAC	MF	elec	10	n/a	n/a	n/a	n/a	0.39	0.21	0.43	0.21	0.45	0.21	0.49	0.21
Whole House Fan	R	HVAC	SF	elec	10	n/a	n/a	n/a	n/a	0.39	0.21	0.43	0.21	0.45	0.21	0.49	0.21

* Include chart pertaining to each proposed measure, with information included on type of home (ie. Single Family, Multi Family, Mobile Home) and electric or gas (if applicable).
** Charts to include information on each climate zone in utility service area.
Note on charts: Where measure level savings could differ by climate zone, the most conservative climate zone estimate was used in the analysis. Therefore, the charts are not provided as the results do not vary by climate zone.
[1] Formerly known as the Resource TRC, updated per June 2018 Recommendations of the ESA Cost Effectiveness Working Group

Energy Savings Assistance Program Table A-9, Cost-Effectiveness - Non Weather Sensitive Measures San Diego Gas & Electric Company

Measure* High Efficiency Clothes Dryers High Efficiency Clothes Dryers High Efficiency Clothes Dryers High Efficiency Clothes Washer High Efficiency Clothes Washer High Efficiency Clothes Washer	R=Resource NR=Non-Resource R	Measure Group	Type of Home (SF.MH.MF)	Electric or Gas		Resource Test		Resource Test						25		
High Efficiency Clothes Dryers High Efficiency Clothes Dryers High Efficiency Clothes Washer	NR=Non-Resource R	·														4
High Efficiency Clothes Dryers High Efficiency Clothes Dryers High Efficiency Clothes Washer				(E,G)	ESACET	[1]	ESACET	[1]	ESACET	Resource Test [1]						
High Efficiency Clothes Dryers High Efficiency Clothes Washer		Appliance	MF	gas	n/a	n/a	n/a	n/a	0.07	0.04	0.08	0.04	0.08	0.04	0.08	0.04
High Efficiency Clothes Washer	R	Appliance	MH	gas	n/a	n/a	n/a	n/a	0.07	0.04	0.08	0.04	0.08	0.04	0.08	0.04
	R	Appliance	SF	gas	n/a	n/a	n/a	n/a	0.07	0.04	0.08	0.04	80.0	0.04	0.09	0.04
High Efficiency Clothes Washer	R	Appliance	MF	elec	0.46	0.12	0.45	0.12	0.51	0.12	0.55	0.12	0.58	0.12	0.63	0.12
	R R	Appliance	MH SF	elec	0.18	0.04	0.19	0.04	0.21	0.04	0.22	0.04 0.19	0.23	0.04	0.25	0.04
High Efficiency Clothes Washer High Efficiency Clothes Washer	R	Appliance Appliance	MF	elec gas	0.62	0.19	0.43	0.19	0.69	0.19	0.75 0.52	0.19	0.80	0.19 0.27	0.86	0.19
High Efficiency Clothes Washer	R	Appliance	MH	gas	0.43	0.20	0.43	0.20	0.46	0.20	0.32	0.20	0.33	0.21	0.50	0.21
High Efficiency Clothes Washer	R	Appliance	SF	gas	0.39	0.21	0.38	0.21	0.42	0.21	0.46	0.22	0.48	0.22	0.52	0.22
Refrigerators	R	Appliance	MF	elec	0.73	0.62	0.66	0.62	0.80	0.61	0.90	0.61	0.95	0.60	1.04	0.61
Refrigerators	R	Appliance	MH	elec	0.84	0.88	0.75	0.88	0.90	0.87	1.03	0.86	1.08	0.86	1.19	0.86
Refrigerators	R	Appliance	SF	elec	0.69	0.53	0.63	0.53	0.76	0.53	0.85	0.52	0.89	0.52	0.97	0.52
Combined Showerhead/TSV	R	Domestic Hot Water	MF	elec	1.87	1.33	1.66	1.32	1.96	1.31	2.28	1.30	2.44	1.29	2.73	1.30
Combined Showerhead/TSV	R	Domestic Hot Water	MH	elec	1.87	1.33	1.66	1.32	1.96	1.31	2.28	1.30	2.44	1.29	2.73	1.30
Combined Showerhead/TSV	R R	Domestic Hot Water	SF MF	elec	1.82	1.19	1.62	1.19	1.90	1.17	2.22	1.16	2.37	1.16 0.81	2.65	1.16 0.82
Combined Showerhead/TSV Combined Showerhead/TSV	R	Domestic Hot Water Domestic Hot Water	MH	gas	0.81	0.77 0.77	0.72 0.72	0.78 0.78	0.81	0.79 0.79	0.91	0.80	0.95 0.95	0.81	1.05	0.82
Combined Showerhead/TSV Combined Showerhead/TSV	R	Domestic Hot Water	SF	gas	0.81	0.69	0.72	0.70	0.78	0.79	0.88	0.72	0.95	0.73	1.05	0.74
Faucet Aerator Kitchen	R	Domestic Hot Water	MF	elec	2.42	15.55	2.05	15.87	2.47	15.27	2.96	15.15	3.17	15.07	3.61	15.13
Faucet Aerator Kitchen	R	Domestic Hot Water	MH	elec	2.42	15.55	2.05	15.87	2.47	15.27	2.96	15.15	3.17	15.07	3.61	15.13
Faucet Aerator Kitchen	R	Domestic Hot Water	SF	elec	2.43	18.63	2.06	19.04	2.48	18.29	2.98	18.15	3.18	18.05	3.63	18.13
Faucet Aerator Kitchen	R	Domestic Hot Water	MF	gas	1.19	8.93	0.98	9.33	1.14	9.19	1.33	9.33	1.38	9.49	1.55	9.59
Faucet Aerator Kitchen	R	Domestic Hot Water	MH	gas	1.19	8.93	0.98	9.33	1.14	9.19	1.33	9.33	1.38	9.49	1.55	9.59
Faucet Aerator Kitchen	R	Domestic Hot Water	SF	gas	1.20	10.69	0.99	11.19	1.14	11.00	1.33	11.17	1.39	11.36	1.56	11.49
Faucet Aerator Lavatory	R	Domestic Hot Water	MF	elec	2.34	6.32	1.99	6.45	2.39	6.20	2.86	6.16	3.05	6.12	3.47	6.15
Faucet Aerator Lavatory	R	Domestic Hot Water	MH	elec	2.34	6.32	1.99	6.45	2.39	6.20	2.86	6.16	3.05	6.12	3.47	6.15
Faucet Aerator Lavatory	R	Domestic Hot Water	SF MF	elec	2.36	7.57	2.01	7.74	2.41	7.43	2.88	7.38	3.08	7.34	3.51	7.37
Faucet Aerator Lavatory Faucet Aerator Lavatory	R	Domestic Hot Water Domestic Hot Water	MH	gas	1.12	3.64 3.64	0.94	3.80 3.80	1.08	3.74 3.74	1.26	3.80 3.80	1.31	3.86 3.86	1.46	3.91
Faucet Aerator Lavatory	R	Domestic Hot Water	SF	gas	1.12	4.34	0.94	4.55	1.10	4.47	1.28	4.54	1.33	4.62	1.48	4.67
Heat Pump Water Heater	R	Domestic Hot Water	SF	elec	1.35	0.53	1.25	0.52	1.45	0.52	1.65	0.52	1.76	0.51	1.94	0.52
Low Flow Showerhead	R	Domestic Hot Water	MF	elec	2.10	2.34	1.82	2.30	2.17	2.30	2.57	2.28	2.74	2.26	3.09	2.28
Low Flow Showerhead	R	Domestic Hot Water	MH	elec	2.10	2.31	1.82	2.30	2.17	2.27	2.56	2.25	2.73	2.24	3.09	2.25
Low Flow Showerhead	R	Domestic Hot Water	SF	elec	2.07	2.09	1.80	2.06	2.14	2.06	2.52	2.04	2.69	2.03	3.03	2.04
Low Flow Showerhead	R	Domestic Hot Water	MF	gas	0.96	1.34	0.82	1.35	0.94	1.38	1.08	1.40	1.12	1.42	1.24	1.44
Low Flow Showerhead	R	Domestic Hot Water	MH	gas	0.95	1.32	0.82	1.35	0.94	1.36	1.07	1.38	1.12	1.41	1.24	1.42
Low Flow Showerhead	R	Domestic Hot Water	SF	gas	0.93	1.20	0.81	1.21	0.92	1.24	1.05	1.26	1.09	1.28	1.21	1.29
Thermostatic Shower Valve	R	Domestic Hot Water	MF	elec	1.66	0.83	1.50	0.83	1.75	0.82	2.02	0.81	2.15	0.81	2.39	0.81
Thermostatic Shower Valve	R	Domestic Hot Water	MH SF	elec	1.66	0.83	1.50	0.83	1.75	0.82	2.02	0.81	2.15	0.81	2.39	0.81
Thermostatic Shower Valve Thermostatic Shower Valve	R	Domestic Hot Water Domestic Hot Water	SF MF	elec	1.63 0.69	0.78	1.47 0.63	0.78 0.49	1.72 0.71	0.77	1.98	0.76 0.50	2.10 0.82	0.76 0.51	0.89	0.76 0.52
Thermostatic Shower Valve Thermostatic Shower Valve	R	Domestic Hot Water	MH	gas	0.69	0.48	0.63	0.49	0.71	0.49	0.79	0.50	0.82	0.51	0.89	0.52
Thermostatic Shower Valve	R	Domestic Hot Water	SF	gas	0.67	0.45	0.62	0.46	0.69	0.46	0.76	0.47	0.80	0.48	0.86	0.48
TSV and Tub diverter	R	Domestic Hot Water	MF	elec	0.20	0.30	0.18	0.29	0.19	0.29	0.20	0.29	0.20	0.29	0.20	0.29
TSV and Tub diverter	R	Domestic Hot Water	MH	elec	0.20	0.30	0.18	0.29	0.19	0.29	0.20	0.29	0.20	0.29	0.20	0.29
TSV and Tub diverter	R	Domestic Hot Water	SF	elec	0.20	0.28	0.18	0.28	0.18	0.27	0.19	0.27	0.19	0.27	0.20	0.27
TSV and Tub diverter	R	Domestic Hot Water	MF	gas	0.77	0.71	0.69	0.71	0.78	0.73	0.88	0.74	0.92	0.75	1.01	0.76
TSV and Tub diverter	R	Domestic Hot Water	MH	gas	0.77	0.71	0.69	0.71	0.78	0.73	0.88	0.74	0.92	0.75	1.01	0.76
TSV and Tub diverter	R	Domestic Hot Water	SF	gas	0.74	0.63	0.66	0.64	0.75	0.65	0.85	0.66	0.88	0.67	0.97	0.68
Water Heater Repair/Replacement	R	Domestic Hot Water	MF	gas	0.96	0.36	0.83	0.37	1.12	0.37	1.27	0.38	1.33	0.38	1.47	0.39
Water Heater Repair/Replacement Water Heater Repair/Replacement	R R	Domestic Hot Water Domestic Hot Water	MH SF	gas	1.01 0.37	0.40	0.87 0.35	0.40 0.10	1.17 0.46	0.41	1.33	0.42 0.10	1.39 0.52	0.42 0.10	1.54 0.57	0.43
Exterior Hardwired Fixture	R	Lighting	MF	gas elec	0.22	0.09	0.35	0.10	0.46	0.10	0.50 0.27	0.10	0.52	0.10	0.30	0.10
Exterior Hardwired Fixture	R	Lighting	MH	elec	0.22	0.11	0.22	0.11	0.25	0.11	0.27	0.11	0.28	0.11	0.30	0.11
Exterior Hardwired Fixture	R	Lighting	SF	elec	0.22	0.11	0.22	0.11	0.25	0.11	0.27	0.11	0.28	0.11	0.30	0.11
Interior Hardwired Fixture	R	Lighting	MF	elec	0.14	0.06	0.14	0.06	0.16	0.06	0.17	0.06	0.18	0.06	0.19	0.06
Interior Hardwired Fixture	R	Lighting	MH	elec	0.14	0.06	0.14	0.06	0.16	0.06	0.17	0.06	0.18	0.06	0.19	0.06
Interior Hardwired Fixture	R	Lighting	SF	elec	0.14	0.06	0.14	0.06	0.16	0.06	0.17	0.06	0.18	0.06	0.19	0.06
LED A Lamps	R	Lighting	MF	elec	0.42	0.28	0.38	0.27	0.46	0.27	0.50	0.27	0.53	0.27	0.57	0.27
LED A Lamps	R	Lighting	MH	elec	0.42	0.28	0.38	0.27	0.46	0.27	0.50	0.27	0.53	0.27	0.39	0.16
LED A Lamps	R	Lighting	SF	elec	0.42	0.28	0.38	0.27	0.46	0.27	0.50	0.27	0.53	0.27	0.57	0.27
LED PAR Lamps	R R	Lighting Lighting	MF MH	elec	0.32	0.18 0.18	0.30	0.18 0.18	0.36	0.18 0.18	0.39	0.18 0.18	0.41	0.18 0.18	0.44	0.18 0.18
LED PAR Lamps LED PAR Lamps	R	Lighting Liahtina	MH SF	elec	0.32	0.18	0.30	0.18	0.36	0.18	0.39	0.18	0.41	0.18	0.44	0.18
LED R/BR Lamps	R	Lighting	MF	elec	0.32	0.16	0.36	0.16	0.30	0.16	0.39	0.16	0.41	0.16	0.52	0.18
LED R/BR Lamps	R	Lighting	MH	elec	0.38	0.24	0.36	0.24	0.42	0.24	0.46	0.23	0.48	0.23	0.52	0.23
LED R/BR Lamps	R	Lighting	SF	elec	0.38	0.24	0.36	0.24	0.42	0.24	0.46	0.23	0.48	0.23	0.52	0.23
Pool Pump	R	Miscellaneous	SF	elec	0.69	0.39	0.65	0.39	0.78	0.38	0.87	0.38	0.91	0.37	1.00	0.37
Smart Strip	R	Miscellaneous	MF	elec	0.92	2.20	0.79	2.17	0.97	2.13	1.13	2.09	1.19	2.06	1.33	2.06
Smart Strip	R	Miscellaneous	MH	elec	0.92	2.20	0.79	2.17	0.97	2.13	1.13	2.09	1.19	2.06	1.33	2.06
Smart Strip	R	Miscellaneous	SF	elec	0.92	2.20	0.79	2.17	0.97	2.13	1.13	2.09	1.19	2.06	1.33	2.06
Smart Strip Tier II	R	Miscellaneous	MF	elec	0.81	1.22	0.71	1.19	0.86	1.17	0.99	1.15	1.04	1.14	1.15	1.14
Smart Strip Tier II	R	Miscellaneous	MH	elec	0.81	1.22	0.71	1.19	0.86	1.17	0.99	1.15	1.04	1.14	1.15	1.14
Smart Strip Tier II	R	Miscellaneous	SF	elec	0.81	1.22	0.71	1.19	0.86	1.17	0.99	1.15	1.04	1.14	1.15	1.14

PY 2021 - 2026 CARE Table B-1, Proposed Program Budget San Diego Gas & Electric Company

CARE Budget Categories	202	20 Authorized	20	21 Planned	20)22 Planned	20	023 Planned	20	24 Planned	20	25 Planned	20	26 Planned
Outreach	\$	3,254,171	\$	3,214,243	\$	3,237,393	\$	3,293,966	\$	3,365,197	\$	3,438,565	\$	3,501,185
Processing, Certification, Recertification	\$	517,211	\$	564,994	\$	587,593		611,097	\$	635,541	\$	660,963	\$	687,401
Post Enrollment Verification	\$	363,667	\$	438,896	\$	456,452	\$	474,710	\$	493,699	\$	513,447	\$	533,984
IT Programming	\$	1,719,900	\$	1,120,000	\$	1,580,000	\$	1,109,400	\$	1,138,000	\$	1,169,964	\$	1,202,602
Cooling Centers	\$	43,935	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
CHANGES*	\$	267,733	\$	265,000	\$	265,000	\$	265,000	\$	265,000	\$	265,000	\$	265,000
Pilots	\$	-	\$	-	\$	-	\$	-	\$	1	\$	-	\$	-
Measurement and Evaluation	\$	-	\$	28,125	\$	107,719	\$	18,605	\$	19,535	\$	110,512	\$	21,538
Regulatory Compliance	\$	303,653	\$	300,000	\$	309,000	\$	318,250	\$	327,798	\$	337,632	\$	347,761
General Administration	\$	836,246	\$	625,000	\$	630,000	\$	761,500	\$	694,575	\$	829,303	\$	765,768
CPUC Energy Division Staff	\$	57,852	\$	65,911	\$	67,888	\$	69,925	\$	74,023	\$	74,184	\$	76,410
SUBTOTAL MANAGEMENT COSTS	\$	7,364,368	\$	6,622,169	\$	7,241,045	\$	6,922,453	\$	7,013,368	\$	7,399,570	\$	7,401,649
Subsidies and Benefits	\$	76,062,933	\$	120,383,441	\$	121,587,275	\$	122,803,149	\$	124,031,180	\$	125,271,491	\$	126,524,206
TOTAL PROGRAM COSTS & CUSTOMER DISCOUNTS	\$	83,427,301	\$	127,005,610	\$	128,828,320	\$	129,725,602	\$	131,044,548	\$	132,671,061	\$	133,925,855

^{*}SDG&E proposes to move funding for CHANGES out of the low income proceeding and into SDG&E's next GRC application; however pending a decision the funding for the program is requested here.

Table B-2 PY 2021 - 2026 CARE and ESA Rate Impacts - Gas (\$/Therm) San Diego Gas & Electric

PY 2021 Customer Type	Average Rate Excluding CARE/ESA Surcharge	CARE Subsidy Portion of Rate	CARE Administration Portion of Rate	ESA Program Portion of Rate	ESA Program Administration Portion of Rate	Total CARE/ESA Surcharge	Average Rate Including CARE/ESA Surcharge
Residential (non CARE)	0.01269	0.02252	0.00119	0.02627	0.00957	0.05956	0.07225
Residential (CARE)	0.01269	0.00000	0.00000	0.02627	0.00957	0.03585	0.04854
Commercial ¹	0.03740	0.02252	0.00119	0.00609	0.00222	0.03202	0.06942
Industrial ²	0.03721	0.02252	0.00119	0.00203	0.00074	0.02648	0.06368
Agricultural	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Lighting	N/A	N/A	N/A	N/A	N/A	N/A	N/A
System	0.02198	0.02252	0.00119	0.01723	0.00628	0.04722	0.06921

PY 2022 Customer Type	Average Rate Excluding CARE/ESA Surcharge	CARE Subsidy Portion of Rate	CARE Administration Portion of Rate	ESA Program Portion of Rate	ESA Program Administration Portion of Rate	Total CARE/ESA Surcharge	Average Rate Including CARE/ESA Surcharge
Residential (non CARE)	0.01269	0.02277	0.00130	0.02552	0.01215	0.06173	0.07442
Residential (CARE)	0.01269	0.00000	0.00000	0.02552	0.01215	0.03766	0.05035
Commercial ¹	0.03740	0.02277	0.00130	0.00591	0.00281	0.03280	0.07020
Industrial ²	0.03721	0.02277	0.00130	0.00197	0.00094	0.02698	0.06419
Agricultural	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Lighting	N/A	N/A	N/A	N/A	N/A	N/A	N/A
System	0.02198	0.02277	0.00130	0.01674	0.00797	0.04878	0.07076

PY 2023 Customer Type	Average Rate Excluding CARE/ESA Surcharge	CARE Subsidy Portion of Rate	CARE Administration Portion of Rate	ESA Program Portion of Rate	ESA Program Administration Portion of Rate	Total CARE/ESA Surcharge	Average Rate Including CARE/ESA Surcharge
Residential (non CARE)	0.01269	0.02303	0.00124	0.02947	0.00897	0.06272	0.07540
Residential (CARE)	0.01269	0.00000	0.00000	0.02947	0.00897	0.03844	0.05113
Commercial ¹	0.03740	0.02303	0.00124	0.00683	0.00208	0.03318	0.07058
Industrial ²	0.03721	0.02303	0.00124	0.00228	0.00069	0.02724	0.06444
Agricultural	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Lighting	N/A	N/A	N/A	N/A	N/A	N/A	N/A
System	0.02198	0.02303	0.00124	0.01933	0.00589	0.04949	0.07147

PY 2024 Customer Type	Average Rate Excluding CARE/ESA Surcharge	CARE Subsidy Portion of Rate	CARE Administration Portion of Rate	ESA Program Portion of Rate	ESA Program Administration Portion of Rate	Total CARE/ESA Surcharge	Average Rate Including CARE/ESA Surcharge
Residential (non CARE)	0.01269	0.02328	0.00126	0.03350	0.00875	0.06679	0.07948
Residential (CARE)	0.01269	0.00000	0.00000	0.03350	0.00875	0.04225	0.05494
Commercial ¹	0.03740	0.02328	0.00126	0.00776	0.00203	0.03433	0.07174
Industrial ²	0.03721	0.02328	0.00126	0.00259	0.00068	0.02781	0.06501
Agricultural	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Lighting	N/A	N/A	N/A	N/A	N/A	N/A	N/A
System	0.02198	0.02328	0.00126	0.02197	0.00574	0.05226	0.07424

PY 2025 Customer Type	Average Rate Excluding CARE/ESA Surcharge	CARE Subsidy Portion of Rate	CARE Administration Portion of Rate	ESA Program Portion of Rate	ESA Program Administration Portion of Rate	Total CARE/ESA Surcharge	Average Rate Including CARE/ESA Surcharge
Residential (non CARE)	0.01269	0.02354	0.00133	0.03557	0.00942	0.06987	0.08255
Residential (CARE)	0.01269	0.00000	0.00000	0.03557	0.00942	0.04499	0.05768
Commercial ¹	0.03740	0.02354	0.00133	0.00824	0.00218	0.03530	0.07270
Industrial ²	0.03721	0.02354	0.00133	0.00275	0.00073	0.02835	0.06555
Agricultural	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Lighting	N/A	N/A	N/A	N/A	N/A	N/A	N/A
System	0.02198	0.02354	0.00133	0.02334	0.00618	0.05439	0.07637

PY 2026 Customer Type	Average Rate Excluding CARE/ESA Surcharge	CARE Subsidy Portion of Rate	CARE Administration Portion of Rate	ESA Program Portion of Rate	ESA Program Administration Portion of Rate	Total CARE/ESA Surcharge	Average Rate Including CARE/ESA Surcharge
Residential (non CARE)	0.01269	0.02381	0.00133	0.03847	0.00913	0.07274	0.08543
Residential (CARE)	0.01269	0.00000	0.00000	0.03847	0.00913	0.04760	0.06029
Commercial ¹	0.03740	0.02381	0.00133	0.00891	0.00211	0.03617	0.07357
Industrial ²	0.03721	0.02381	0.00133	0.00297	0.00070	0.02881	0.06602
Agricultural	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Lighting	N/A	N/A	N/A	N/A	N/A	N/A	N/A
System	0.02198	0.02381	0.00133	0.02524	0.00599	0.05636	0.07835

¹ Core C/I

² NonCore C/I

Table B-3 PY 2021 - 2026 CARE, FERA and ESA Rate Impacts - Electric (\$/kWh) San Diego Gas & Electric

PY 2021 Customer Type	Average Rate Excluding CARE/FERA/ESA Surcharge	Portion of Rate Portion of Rate Porti		FERA Subsidy Portion of Rate	FERA Administration Portion of Rate	ESA Program Portion of Rate	ESA Administration Portion of Rate	Total CARE/FERA/ESA Surcharge	Average Rate (cents/kWh) including surcharge
Residential (non-CARE)	26.630	0.610	0.034	0.017	0.003	0.059	0.019	0.741	27.371
Residential (CARE) 1	26.630	N/A	N/A	0.017	0.003	0.059	0.019	0.098	26.727
Commercial	24.598	0.570	0.031	0.016	0.003	0.055	0.017	0.692	25.290
Industrial	22.393	0.618	0.034	0.017	0.003	0.060	0.019	0.750	23.143
Agricultural	16.851	0.536	0.030	0.015	0.003	0.052	0.016	0.651	17.502
Lighting	22.257	0.000	0.000	0.000	0.000	0.000	0.000	0.000	22.257
System	23.905	0.607	0.034	0.017	0.003	0.059	0.018	0.738	24.643

PY 2022 Customer Type	Average Rate Excluding CARE/FERA/ESA Surcharge	CARE Subsidy Portion of Rate	CARE Administration Portion of Rate	FERA Subsidy Portion of Rate	FERA Administration Portion of Rate	ESA Program Portion of Rate	ESA Administration Portion of Rate	Total CARE/FERA/ESA Surcharge	Average Rate (cents/kWh) including surcharge
Residential (non-CARE)	26.602	0.616	0.037	0.019	0.004	0.059	0.024	0.759	27.361
Residential (CARE) 1	26.602	N/A	N/A	0.019	0.004	0.059	0.024	0.106	26.708
Commercial	24.598	0.576	0.034	0.018	0.004	0.055	0.022	0.709	25.307
Industrial	22.393	0.624	0.037	0.019	0.004	0.060	0.024	0.768	23.161
Agricultural	16.851	0.541	0.032	0.017	0.003	0.052	0.021	0.666	17.517
Lighting	22.257	0.000	0.000	0.000	0.000	0.000	0.000	0.000	22.257
System	23.896	0.614	0.037	0.019	0.004	0.059	0.023	0.756	24.652

PY 2023 Customer Type	Average Rate Excluding CARE/FERA/ESA Surcharge	CARE Subsidy Portion of Rate	CARE Administration Portion of Rate	FERA Subsidy Portion of Rate	FERA Administration Portion of Rate	ESA Program Portion of Rate	ESA Administration Portion of Rate	Total CARE/FERA/ESA Surcharge	Average Rate (cents/kWh) including surcharge
Residential (non-CARE)	26.579	0.622	0.035	0.022	0.003	0.072	0.017	0.771	27.350
Residential (CARE) 1	26.579	N/A	N/A 0.022	0.022	0.003	0.072	0.017	0.114	26.693
Commercial	24.596	0.581	0.033	0.020	0.003	0.067	0.016	0.721	25.317
Industrial	22.392	0.630	0.036	0.022	0.003	0.072	0.018	0.781	23.173
Agricultural	16.850	0.547	0.031	0.019	0.003	0.063	0.015	0.678	17.528
Lighting	22.257	0.000	0.000	0.000	0.000	0.000	0.000	0.000	22.257
System	23.888	0.620	0.035	0.022	0.003	0.071	0.017	0.768	24.656

PY 2024 Customer Type	Average Rate Excluding CARE/FERA/ESA Surcharge	CARE Subsidy Portion of Rate	CARE Administration Portion of Rate	FERA Subsidy Portion of Rate	FERA Administration Portion of Rate	ESA Program Portion of Rate	ESA Administration Portion of Rate	Total CARE/FERA/ESA Surcharge	Average Rate (cents/kWh) including surcharge
Residential (non-CARE)	26.551	0.628	0.036	0.025	0.003	0.082	0.017	0.792	27.343
Residential (CARE) 1	26.551	N/A	N/A	0.025	0.003	0.082	0.017	0.128	26.679
Commercial	24.596	0.587	0.033	0.023	0.003	0.077	0.016	0.740	25.336
Industrial	22.393	0.636	0.036	0.025	0.004	0.083	0.017	0.801	23.194
Agricultural	16.851	0.552	0.031	0.022	0.003	0.072	0.015	0.695	17.546
Lighting	22.257	0.000	0.000	0.000	0.000	0.000	0.000	0.000	22.257
System	23.879	0.626	0.036	0.025	0.003	0.082	0.017	0.788	24.667

PY 2025 Customer Type	Average Rate Excluding CARE/FERA/ESA Surcharge	CARE Subsidy Portion of Rate	CARE Administration Portion of Rate	FERA Subsidy Portion of Rate	FERA Administration Portion of Rate	ESA Program Portion of Rate	ESA Administration Portion of Rate	Total CARE/FERA/ESA Surcharge	Average Rate (cents/kWh) including surcharge	
Residential (non-CARE)	26.526	0.635	0.038	0.027	0.004	0.088	0.018	0.809	27.335	
Residential (CARE) 1	26.526	N/A	N/A	0.027	0.004	0.088	0.018	0.137	26.663	
Commercial	24.597	0.593	0.035	0.026	0.003	0.082	0.017	0.756	25.353	
Industrial	22.393	0.643	0.038	0.028	0.004	0.088	0.018	0.819	23.212	
Agricultural	16.850	0.558	0.033	0.024	0.003	0.077	0.016	0.711	17.561	
Lighting	22.257	0.000	0.000	0.000	0.000	0.000	0.000	0.000	22.257	
System	23.869	0.632	0.038	0.027	0.004	0.087	0.018	0.806	24.675	

PY 2026 Customer Type	Average Rate Excluding CARE/FERA/ESA Surcharge	CARE Subsidy Portion of Rate	CARE Administration Portion of Rate	FERA Subsidy Portion of Rate	FERA Administration Portion of Rate	ESA Program Portion of Rate	ESA Administration Portion of Rate	Total CARE/FERA/ESA Surcharge	Average Rate (cents/kWh) including surcharge
Residential (non-CARE)	26.499	0.641	0.038	0.030	0.004	0.093	0.018	0.823	27.322
Residential (CARE) 1	26.499	N/A	N/A	0.030	0.004	0.093	0.018	0.144	26.643
Commercial	24.597	0.599	0.035	0.028	0.003	0.087	0.016	0.769	25.366
Industrial	22.392	0.649	0.038	0.031	0.004	0.094	0.018	0.833	23.225
Agricultural	16.851	0.563	0.033	0.026	0.003	0.082	0.015	0.723	17.574
Lighting	22.257	0.000	0.000	0.000	0.000	0.000	0.000	0.000	22.257
System	23.860	0.638	0.038	0.030	0.004	0.093	0.018	0.820	24.680

¹ Residential CARE customer type is included for illustrative purposes and does not include the line-item discount CARE customers receive on their bill. Only CARE customers are exempt from CARE subsidy and administration costs.

PY 2021 - 2026 CARE Table B-4, Estimated Penetration San Diego Gas & Electric Company

	Total Enrolled 12-31-18	Through	Estimated	Net PY 2019 Enrollments	Year End PY	Estimated PY 2020 Goal Rate	PY 2021 Net	Estimated Year End PY 2021 Participation		Estimated PY 2022 Net Enrollments	Year End PY	Estimated PY 2022 Goal Rate (a)	2023 Net Enrollments	Estimated Year End PY 2023 Participation	PY 2023 Goal Rate	2024 Net	Estimated Year End PY 2024 Participation	Estimated PY 2024 Goal Rate (a)	Estimated	Estimated Year End PY 2025 Participation	Estimated PY 2025 Goal Rate (a)	Estimated PY 2026 Net Enrollments	Estimated Year End PY 2026 Participatio n	Estimated PY 2026 Goal Rate (a)
(Source)	(1)	(6)	(2)	(3)	(4)	(5)	(2)	(4)	(5)	(2)	(4)	(5)	(2)	(4)	(5)	(2)	(4)	(5)	(2)	(4)	(5)	(2)	(4)	(5)
	292,999	297,084	319,125	4,085	290,085	90%	2,901	292,985	90%	2,930	295,915	90%	2,959	298,874	90%	2,989	301,863	90%	3,019	304,882	90%	3,049	307,931	90%

(a) Estimated Goal Rate will fluctuate based on updated CARE Eligibility information.

(1) CARE Annual Reports, dated 5/1/19

(2) Each utility's estimate based on eligibility rates filed. SDG&E Assumes Estimated Eligible will grow by 1% per year.

(4) Assumes we will maintain 90% penetration (5) Assumes we will maintain 190% penetration (6) CARE Monthly Report, dated

PY 2019 - 2026 CARE Table B-5, Low Income Customer Usage Levels San Diego Gas & Electric Company

		PY 2	PY 2019 ⁵ PY 2020 (Projected)			PY 2021 (Projected) PY 2022 (Projected)				PY 2023 (Projected)	PY 2024 (Projected)	PY 2025 (Projected)	PY 2026 (Projected)		
		Number of CARE Customers ¹	Number of Customers Treated by ESA ²	Number of CARE Customers ¹	Number of Customers Treated by ESA	Number of CARE Customers ¹	Number of Customers Treated by ESA	Number of CARE Customers ¹	Number of Customers Treated by ESA	Number of CARE Customers ¹	Number of Customers Treated by ESA	Number of CARE Customers ¹	Number of Customers Treated by ESA	Number of CARE Customers ¹	Number of Customers Treated by ESA	Number of CARE Customers ¹	Number of Customers Treated by ESA	
Electric	Total ³	22,641	293,345	23,761	296,279	20,000	299,242	18,000	302,234	20,390	305,256	23,353	308,309	24,414	311,392	26,537	7,091	
	Tier 1⁴	15,319	196,499	16,077	198,464	13,532	200,448	12,179	202,453	13,796	204,477	15,801	206,522	16,518	208,587	17,955	4,798	
	Tier 2⁴	3,320	53406	3,485	53940	2,933	54479	2,640	55024	2,990	55,574	3,425	56,130	3,581	56,691	3,892	1,040	
	TOU	4,002	43,441	4,200	43,876	3,535	44,314	3,181	44,757	3,604	45,205	4,128	45,657	4,315	46,114	4,690	1,253	
Gas	Total ³	150,739	13,358	152,246	14,019	153,769	11,800	155,307	10,620	156,860	12,030	158,428	13,778	160,012	14,404	161,613	15,657	
	Below Baseline*	132,123				134,779	10,343			137,488		138,863	12,077	140,251	12,625	141,654		
	Above Baseline*	18,616	1650	18,802	1731	18,990	1457	19,180	1312	19,372	1486	19,566	1702	19,761	1779	19,959	1934	

^{*} Utility may include a more detailed breakdown of gas customers' usage level and an explanation of measurement breakdown employed. The usage tier should be reported as the tier the customer was on, the maximum number of months, in the reported year.

1-Future PY Projected Number of CARE accounts assume 1% growth

²2019 includes total homes treated goal for the year

³includes individual accounts only for both gas and electric
⁴Electric Tiers: Tier 1 is up to 130% of baseline, Tier 2 is above 130%

⁵Includes usage from August, 2018 to August, 2019 for accounts having at least 6 months of usage, this eliminates seasonal differences - applies to both gas and electric

PY 2021 - 2026 ESA & CARE Table C-1, Pilots and Studies

San Diego Gas & Electric Company

			Studies								
Line No.	o. Statewide Study Category Total Cost Percent paid by Utility Total Cost paid by Utility Start Date										
	Impact Evaluations	1,500,000	15%	225,000	TBD	TBD					
	Process Evaluations	500,000	15%	75,000	TBD	TBD					
	Low Income Needs Assessments	1,000,000	15%	150,000	TBD	TBD					
	Non-Energy Benefits	500,000	15%	75,000	TBD	TBD					
	Categorical Eligibility	150,000	15%	22,500	TBD	TBD					
Total		3,650,000		547,500							
	Local Study Category										
	Customer Research	300,000	100%	300,000	TBD	TBD					
			Pilots								
Line No.	Statewide Pilot	Total Cost	Percent paid by Utility	Total Cost paid by Utility	Start Date	End Date					
	N/A										
Total											

PY 2021 - 2026 FERA Table D-1, Proposed Program Budget San Diego Gas & Electric Company

FERA Program Budget	2021	2022	2023	2024	2025	2026
Outreach	\$ 358,000	\$ 361,080	\$ 364,691	\$ 368,338	\$ 372,021	\$ 375,741
Processing	\$ 12,379	\$ 12,874	\$ 13,389	\$ 13,925	\$ 14,482	\$ 15,061
Post Enrollment Verification	\$ 879	\$ 923	\$ 969	\$ 1,018	\$ 1,069	\$ 1,122
IT Programming	\$ 50,000	\$ 151,500	\$ 53,045	\$ 54,636	\$ 56,275	\$ 57,963
Measurement & Evaluation	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000
Regulatory Compliance	\$ 43,400	\$ 44,660	\$ 45,920	\$ 47,180	\$ 47,600	\$ 48,860
General Administration	\$ 70,030	\$ 71,930	\$ 73,891	\$ 75,915	\$ 78,004	\$ 80,160
CPUC Energy Division Staff	\$ 9,886	\$ 10,183	\$ 10,488	\$ 10,803	\$ 11,127	\$ 11,461
Subtotal Management Costs	\$ 594,574	\$ 703,150	\$ 612,393	\$ 621,815	\$ 630,578	\$ 640,368
Subsidies & Benefits	\$ 2,989,008	\$ 3,431,175	\$ 3,881,387	\$ 4,444,713	\$ 4,912,466	\$ 5,388,762
Total Program Costs & Customer Discounts	\$ 3,583,582	\$ 4,134,325	\$ 4,493,780	\$ 5,066,528	\$ 5,543,044	\$ 6,029,130

PY 2021 - 2026 FERA Table D-2, Estimated Penetration San Diego Gas & Electric Company

	Total Enrolled 12-31-18	Total Enrolled Through August 2019	PY 2019 Estimated Eligible	Estimated Net PY 2019 Enrollments	Estimated Year End PY 2020 Participation	Estimated PY 2020 Goal Rate	Estimated PY 2021 Net Enrollments	Estimated Year End PY 2021 Participation	Estimated PY 2021 Goal Rate (a)	Estimated PY 2022 Net Enrollments	Estimated Year End PY 2022 Participation	Estimated PY 2022 Goal Rate (a)	Estimated PY 2023 Net Enrollments	Estimated Year End PY 2023 Participation	Estimated PY 2023 Goal Rate (a)	Estimated PY 2024 Net Enrollments	Estimated Year End PY 2024 Participation	Estimated PY 2024 Goal Rate (a)	Estimated PY 2025 Net Enrollments	Estimated Year End PY 2025 Participation	Estimated PY 2025 Goal Rate (a)	Estimated PY 2026 Net Enrollments	Estimated Year End PY 2026 Participation	Estimated PY 2026 Goal Rate (a)
(Source)	1																							
	8,17	4 9,736	47,459	1,562	11,553	24%	2,342	13,895	29%	2,342	16,237	33%	2,342	18,579	37%	2,342	20,921	42%	2,342	23,263	46%	2,342	25,602	50%

*Estimated Eligible for PY 2019 is based on a 1% growth from 2018

ESA PROGRAM PROPOSALS TABLES

- A-1. ESA Program Budget
- A-1a. ESA Program Budget (Multifamily only)
- A-2. ESA Program Budget Electric
- A-2a. ESA Program Budget Electric (Multifamily only)
- A-3. ESA Program Budget Gas
- A-3a. ESA Program Budget Gas (Multifamily only)
- A-4. ESA Program Planning
- A-4a. ESA Program Planning (Multifamily only)
- A-5. ESA Program Savings & Participation
- A-6. ESA Program Detail by Housing Type
- A-6a. ESA Program Detail by Housing Type Multifamily
- A-7. ESA Program Cost Effectiveness
- A-8. ESA Program Cost Effectiveness Weather Sensitive
- A-9. ESA Program Cost Effectiveness Non-Weather Sensitive

CARE PROGRAM PROPOSALS TABLES

- B-1. CARE Program Budget
- B-2. CARE Program Rate Impacts Gas
- B-3. CARE Program Rate Impacts Electric
- B-4. CARE Program Penetration
- B-5. CARE Program Usage Levels

STUDIES AND PILOTS PROPOSALS TABLES

C-1. ESA-CARE Pilots and Studies

FERA PROGRAM PROPOSALS TABLES

- D-1. FERA Program Budget
- D-2. FERA Program Penetration

APPENDIX B BALANCE SHEET, INCOME STATEMENT AND FINANCIAL STATEMENT

SAN DIEGO GAS & ELECTRIC COMPANY BALANCE SHEET ASSETS AND OTHER DEBITS June 2019

	1. UTILITY PLANT	2019
101	UTILITY PLANT IN SERVICE	19,619,106,406
102	UTILITY PLANT PURCHASED OR SOLD	279,422
104	UTILITY PLANT LEASED TO OTHERS	85,194,000
105	PLANT HELD FOR FUTURE USE	-
106	COMPLETED CONSTRUCTION NOT CLASSIFIED	-
107	CONSTRUCTION WORK IN PROGRESS	1,331,811,773
108	ACCUMULATED PROVISION FOR DEPRECIATION OF UTILITY PLANT	(5,831,497,519)
111	ACCUMULATED PROVISION FOR AMORTIZATION OF UTILITY PLANT	(970,771,465)
114	ELEC PLANT ACQUISITION ADJ ACCUM PROVISION FOR AMORT OF ELECTRIC PLANT ACQUIS ADJ	3,750,722
115 118	OTHER UTILITY PLANT	(1,875,360) 1.421.081.651
119	ACCUMULATED PROVISION FOR DEPRECIATION AND	1,421,061,031
119	AMORTIZATION OF OTHER UTILITY PLANT	(294,975,553)
120	NUCLEAR FUEL - NET	(254,570,000)
	TOTAL NET UTILITY PLANT	\$ 15,362,104,077
	2. OTHER PROPERTY AND INVESTMENTS	
121	NONUTILITY PROPERTY	\$ 6,030,597
122	ACCUMULATED PROVISION FOR DEPRECIATION AND	, ,,,,,,,,
	AMORTIZATION	(326,049)
158	NON-CURRENT PORTION OF ALLOWANCES	179,048,887
123	INVESTMENTS IN SUBSIDIARY COMPANIES	-
124	OTHER INVESTMENTS	-
125	SINKING FUNDS	-
128	OTHER SPECIAL FUNDS	1,043,513,735
175	LONG-TERM PORTION OF DERIVATIVE ASSETS	237,997,006
	TOTAL OTHER PROPERTY AND INVESTMENTS	\$ 1,466,264,176

Data from SPL as of September 17, 2019

SAN DIEGO GAS & ELECTRIC COMPANY BALANCE SHEET ASSETS AND OTHER DEBITS June 2019

	3. CURRENT AND ACCRUED ASSETS		0040
			2019
131	CASH	\$	2,860,276
132 134	INTEREST SPECIAL DEPOSITS		-
134	OTHER SPECIAL DEPOSITS WORKING FUNDS		- 500
136	TEMPORARY CASH INVESTMENTS		-
141	NOTES RECEIVABLE		-
142	CUSTOMER ACCOUNTS RECEIVABLE		318,126,079
143	OTHER ACCOUNTS RECEIVABLE		90,582,463
144	ACCUMULATED PROVISION FOR UNCOLLECTIBLE ACCOUNTS		(3,548,137)
145	NOTES RECEIVABLE FROM ASSOCIATED COMPANIES		8,379
146	ACCOUNTS RECEIVABLE FROM ASSOCIATED COMPANIES		68,283
151 152	FUEL STOCK FUEL STOCK EXPENSE UNDISTRIBUTED		-
154	PLANT MATERIALS AND OPERATING SUPPLIES		129,599,967
156	OTHER MATERIALS AND SUPPLIES		-
158	ALLOWANCES		194,528,538
158	LESS: NON-CURRENT PORTION OF ALLOWANCES		(179,048,887)
163	STORES EXPENSE UNDISTRIBUTED		-
164	GAS STORED		494,932
165	PREPAYMENTS		99,492,879
171	INTEREST AND DIVIDENDS RECEIVABLE		2,441,315
173 174	ACCRUED UTILITY REVENUES MISCELLANEOUS CURRENT AND ACCRUED ASSETS		59,393,000 3,700,000
174	DERIVATIVE INSTRUMENT ASSETS		281,650,453
175	LESS: LONG -TERM PORTION OF DERIVATIVE INSTRUMENT		201,030,433
110	ASSETS		(237,997,006)
			<u> </u>
	TOTAL CURRENT AND ACCRUED ASSETS	_\$	762,353,034
	4. DEFERRED DEBITS		
181	UNAMORTIZED DEBT EXPENSE	\$	36,846,107
182	UNRECOVERED PLANT AND OTHER REGULATORY ASSETS		2,023,647,009
183	PRELIMINARY SURVEY & INVESTIGATION CHARGES		579,012
184	CLEARING ACCOUNTS		197,589
185	TEMPORARY FACILITIES		415,459
186	MISCELLANEOUS DEFERRED DEBITS		94,826,562
188 189	RESEARCH AND DEVELOPMENT UNAMORTIZED LOSS ON REACQUIRED DEBT		- 5,554,654
190	ACCUMULATED DEFERRED INCOME TAXES		184,223,970
100	ACCOUNTED BELLINED INCOME HALE		107,220,010
	TOTAL DEFERRED DEBITS	\$	2,346,290,362
	TOTAL ASSETS AND OTHER DEBITS	\$	19,937,011,649

SAN DIEGO GAS & ELECTRIC COMPANY BALANCE SHEET LIABILITIES AND OTHER CREDITS June 2019

	5. PROPRIETARY CAPITAL		2019
201	COMMON STOCK ISSUED	\$	291,458,395
204 207	PREFERRED STOCK ISSUED PREMIUM ON CAPITAL STOCK		- 591,282,978
210 211	GAIN ON RETIRED CAPITAL STOCK MISCELLANEOUS PAID-IN CAPITAL		- 479,665,368
214	CAPITAL STOCK EXPENSE		(24,605,640)
216	UNAPPROPRIATED RETAINED EARNINGS		5,006,693,883
219	ACCUMULATED OTHER COMPREHENSIVE INCOME		(10,726,122)
	TOTAL PROPRIETARY CAPITAL	\$	6,333,768,862
	6. LONG-TERM DEBT		
221	BONDS	\$	5,158,409,000
223 224	ADVANCES FROM ASSOCIATED COMPANIES OTHER LONG-TERM DEBT		-
225	UNAMORTIZED PREMIUM ON LONG-TERM DEBT		-
226	UNAMORTIZED DISCOUNT ON LONG-TERM DEBT		(12,600,846)
	TOTAL LONG-TERM DEBT	_\$	5,145,808,154
	7. OTHER NONCURRENT LIABILITIES		
227	OBLIGATIONS UNDER CAPITAL LEASES - NONCURRENT	\$	1,359,061,068
228.2	ACCUMULATED PROVISION FOR INJURIES AND DAMAGES		26,366,766
228.3 228.4	ACCUMULATED PROVISION FOR PENSIONS AND BENEFITS ACCUMULATED MISCELLANEOUS OPERATING PROVISIONS		220,352,888
244	LONG TERM PORTION OF DERIVATIVE LIABILITIES		78,054,691
230	ASSET RETIREMENT OBLIGATIONS		861,823,336
	TOTAL OTHER NONCURRENT LIABILITIES	\$	2,545,658,749

SAN DIEGO GAS & ELECTRIC COMPANY BALANCE SHEET LIABILITIES AND OTHER CREDITS June 2019

	8. CURRENT AND ACCRUED LIABILITES		2019
231 232	NOTES PAYABLE ACCOUNTS PAYABLE NOTES PAYABLE TO ACCOCIATED COMPANIES	\$	18,500,000 456,358,521
233 234 235	NOTES PAYABLE TO ASSOCIATED COMPANIES ACCOUNTS PAYABLE TO ASSOCIATED COMPANIES CUSTOMER DEPOSITS		95,805,530 81,171,399
236 237 238	TAXES ACCRUED INTEREST ACCRUED DIVIDENDS DECLARED		2,565,747 43,720,431
241 242 243	TAX COLLECTIONS PAYABLE MISCELLANEOUS CURRENT AND ACCRUED LIABILITIES OBLIGATIONS UNDER CAPITAL LEASES - CURRENT		5,433,725 102,217,217 332,031,710
244 244 245	DERIVATIVE INSTRUMENT LIABILITIES LESS: LONG-TERM PORTION OF DERIVATIVE LIABILITIES DERIVATIVE INSTRUMENT LIABILITIES - HEDGES		127,502,230 (78,054,691)
	TOTAL CURRENT AND ACCRUED LIABILITIES	\$	1,187,251,819
	9. DEFERRED CREDITS		
252 253 254 255 257	CUSTOMER ADVANCES FOR CONSTRUCTION OTHER DEFERRED CREDITS OTHER REGULATORY LIABILITIES ACCUMULATED DEFERRED INVESTMENT TAX CREDITS UNAMORTIZED GAIN ON REACQUIRED DEBT	\$	72,639,005 347,064,735 2,461,589,323 15,096,623
281 282 283	ACCUMULATED DEFERRED INCOME TAXES - ACCELERATED ACCUMULATED DEFERRED INCOME TAXES - PROPERTY ACCUMULATED DEFERRED INCOME TAXES - OTHER		1,682,256,508 145,877,871
	TOTAL DEFERRED CREDITS	_\$_	4,724,524,065
	TOTAL LIABILITIES AND OTHER CREDITS	\$	19,937,011,649

SAN DIEGO GAS & ELECTRIC COMPANY STATEMENT OF INCOME AND RETAINED EARNINGS June 2019

	1. UTILITY OPERATING INCOME			
400 OPERATING REVENUES 401 OPERATING EXPENSES 402 MAINTENANCE EXPENSES 403-7 DEPRECIATION AND AMORT 408.1 TAXES OTHER THAN INCOM 409.1 INCOME TAXES 410.1 PROVISION FOR DEFERRED 411.1 PROVISION FOR DEFERRED 411.4 INVESTMENT TAX CREDIT AI 411.6 GAIN FROM DISPOSITION OF	E TAXES INCOME TAXES INCOME TAXES - CREDIT DJUSTMENTS	\$ 1,469,111,361 89,123,550 352,548,807 78,147,625 65,959,749 50,863,516 (80,008,070) (526,493)	\$	2,425,498,209
TOTAL OPERATING REVEN	UE DEDUCTIONS			\$2,025,220,045
NET OPERATING INCOME			\$	400,278,164
2	. OTHER INCOME AND DEDUCTIONS			
417 REVENUES OF NONUTILITY 417.1 EXPENSES OF NONUTILITY 418 NONOPERATING RENTAL IN 418.1 EQUITY IN EARNINGS OF SU 419 INTEREST AND DIVIDEND IN	OPERATIONS COME UBSIDIARIES COME UNDS USED DURING CONSTRUCTION RATING INCOME ROPERTY	\$ (2,530,873) 17,070 - 14,170,634 28,871,657 291,919 - 40,820,407	-	
426 MISCELLANEOUS OTHER INC		 5,601,596	-	
TOTAL OTHER INCOME DEI	DUCTIONS	\$ 5,726,620	_	
408.2 TAXES OTHER THAN INCOM 409.2 INCOME TAXES 410.2 PROVISION FOR DEFERRED PROVISION FOR DEFERRED TOTAL TAXES ON OTHER II	INCOME TAXES INCOME TAXES - CREDIT	\$ 369,020 893,571 17,207,606 (14,757,135) 3,713,062	-	
TOTAL OTHER INCOME ANI	D DEDUCTIONS		\$	31,380,725
INCOME BEFORE INTERES	T CHARGES			431,658,889
EXTRAORDINARY ITEMS AF NET INTEREST CHARGES*	TER TAXES			110,435,183
NET INCOME			\$	321,223,706

^{*}NET OF ALLOWANCE FOR BORROWED FUNDS USED DURING CONSTRUCTION, (\$10,267,664)

SAN DIEGO GAS & ELECTRIC COMPANY STATEMENT OF INCOME AND RETAINED EARNINGS June 2019

3. RETAINED EARNINGS	
RETAINED EARNINGS AT BEGINNING OF PERIOD, AS PREVIOUSLY REPORTED	\$ 4,683,700,304
NET INCOME (FROM PRECEDING PAGE)	321,223,706
DIVIDEND TO PARENT COMPANY	-
DIVIDENDS DECLARED - PREFERRED STOCK	-
DIVIDENDS DECLARED - COMMON STOCK	-
OTHER RETAINED EARNINGS ADJUSTMENTS	1,769,873
RETAINED EARNINGS AT END OF PERIOD	\$ 5,006,693,883

			ELECTRIC COMPANY		
			L STATEMENT 30, 2019		
		Juli	30, 2019		
)	Amounts and Kinds of Stock Authorized:				
	Common Stock		255,000,000	shares	Without Par Value
	Amounts and Kinds of Stock Outstanding:		200,000,000	GHAIGG	Without Fur Value
	Common Stock		116,583,358	shares	291,458,3
)	Brief Description of Mortgage:				
_	Full information as to this item is given in Application	n Nos. 93-09-069. 04-01-0	09. 06-05-015. 08-07-029. 10-	10-023. 12-03-005. 15-08-	011. and 18-02-012 to
	which references are hereby made.				
	,				
	Number and Amount of Bonds Authorized and Is	sued:			
		Nominal	Par Value		
					Interest Paid
		Date of	Authorized		(update required in Q4' 20xx
					as of Q4' 2018
	First Mortgage Bonds:	Issue	and Issued	Outstanding	
	5.875% Series VV, due 2034	06-17-04	43,615,000	43,615,000	2,562,2
	5.875% Series WW, due 2034	06-17-04	40,000,000	40,000,000	2,349,9
	5.875% Series XX, due 2034	06-17-04	35,000,000	35,000,000	2,056,1
	5.875% Series YY, due 2034	06-17-04	24,000,000	24,000,000	1,409,9
	5.875% Series ZZ, due 2034	06-17-04	33,650,000	33,650,000	1,976,8
	4.00% Series AAA, due 2039	06-17-04	75,000,000	75,000,000	3,000,0
	5.35% Series BBB, due 2035	05-19-05	250,000,000	250,000,000	13,375,0
	6.00% Series DDD. due 2026	06-08-06	250,000,000	250,000,000	15,000,0
	1.65% Series EEE, due 2018	09-21-06	161,240,000	0	1,330,2
	6.125% Series FFF, due 2037	09-20-07	250,000,000	250,000,000	15,312,5
	6.00% Series GGG, due 2039	05-14-09	300,000,000	300,000,000	18,000,0
	5.35% Series HHH, due 2040	05-13-10	250,000,000	250,000,000	13,375,0
	4.50% Series III, due 2040	08-26-10	500,000,000	500,000,000	22,500,0
	3.00% Series JJJ, due 2021	08-18-11	350,000,000	350,000,000	10,500,0
	3.95% Series LLL, due 2041	11-17-11	250,000,000	250,000,000	9,875,0
	4.30% Series MMM, due 2042	03-22-12	250,000,000	250,000,000	10,750,0
	3.60% Series NNN, due 2023	09-09-13	450,000,000	450,000,000	16,200,0
	1.9140% Series PPP, due 2022	03-12-15	250,000,000	42,951,382	2,905,1
	2.50% Series QQQ, due 2026	05-19-16	500,000,000	500,000,000	12,500,0
	3.75% Series RRR, due 2047	06-08-17	400,000,000	400,000,000	15,000,0
	4.15% Series SSS, due 2048	05-15-18	400,000,000	400,000,000	8,207,7
	4.10% Series TTT, due 2049	05-31-19	400,000,000	400,000,000	1,366,6
	Total First Mortgage Bonds:			5,094,216,382	199,552,5
	Unsecured Bonds:				
	5.30% CV96A, due 2021	08-02-96	0	0	
	5.50% CV96A, due 2021 5.50% CV96B, due 2021	11-21-96	0	0	1
	4.90% CV97A, due 2023	10-31-97	0	0	
	Total Unsecured Bonds	10-01-01	0	Ü	
	Total Bonds:				199,552,5
	Total Dollad.				100,002,0
_	TOTAL LONG-TERM DEBT			5,094,216,382	
	TO THE EDITOTIENT DEDI			0,004,210,002	
			1		1

APPENDIX C STATEMENT OF PRESENTLY EFFECTIVE ELECTRIC RATES



Revised

Cal. P.U.C. Sheet No.

32380-E

Canceling Revised

Cal. P.U.C. Sheet No.

32362-E

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Sheet 1

The following sheets contain all the effective rates and rules affecting rates, service and information relating thereto, in effect on the date indicated herein.

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Transition Cost Balancing Account (TCBA)	31213, 31214, 31215, 31216, 31631, 31632-E
Post-1997 Electric Energy Efficiency Balancing Acct (PEEEBA	22059, 30893-E
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1C9		Issued by	Submitted	Sep 30, 2019
Advice Ltr. No.	3437-E	Dan Skopec	Effective	Oct 30, 2019
		Vice President		
Decision No.	19-08-026	Regulatory Affairs	Resolution No.	



Cal. P.U.C. Sheet No. Revised

Cal. P.U.C. Sheet No. 32235-E

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2C5 Issued by Submitted Oct 1, 2019 **Dan Skopec** Advice Ltr. No. 3410-E-A Effective Oct 31, 2019 Vice President Regulatory Affairs Decision No. D.18-06-027 Resolution No.



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Cal. P.U.C. Sheet No.

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3C9 Issued by Submitted Sep 21, 2019 **Dan Skopec** Advice Ltr. No. 3434-E Effective Mar 28, 2019 Vice President Decision No. Regulatory Affairs AB 375 Resolution No.



Revised Cal. P.U.C. Sheet No.

U.C. Sheet No. 32231-E

32097-E

Canceling Revised Cal. P.U.C. Sheet No.

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 4C19
 Issued by
 Submitted

 Advice Ltr. No.
 3449-E
 Dan Skopec
 Effective

 Vice President
 Vice President
 Regulatory Affairs
 Resolution No.

(Continued)



San Diego, California

Revised Cal. P.U.C. Sheet No.

32259-E

Canceling

Cal. P.U.C. Sheet No.

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(Continued) 11C9 Issued by Submitted Nov 1, 2018 **Dan Skopec** Advice Ltr. No. 3292-E Effective Vice President Decision No. Regulatory Affairs Resolution No.



Revised Cal. P.U.C. Sheet No.

Canceling Revised Cal. P.U.C. Sheet No. 31172-E

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31804-E

SAMPLE FORMS

FORM NO.	DATE	APPLICATIONS, AGREEMENTS AND CONTRACTS	CAL C.P.U.C. SHEET NO.	
142-732	05/19	Application and Statement of Eligibility for the California Alternate Rates for Energy (CARE) Program	31781-E	T
142-732/1	05/19	Residential Rate Assistance Application (IVR/System-Gen	31782-E	T
142-732/2	05/19	Sub-metered Household Application and Statement of Eligibility for California Alternate Rates for Energy (CARE) Program	31783-E	T
142-732-3	05/19	CARE Program Recertification Application & Statement of Eligibility	31784-E	T
142-732/4	05/19	CARE/FERA Program Renewal – Application & Statement of Eligibility for Sub-metered Customers	31785-E	T
142-732/5	05/19	CARE Post Enrollment Verification	31786-E	T
142-732/6	05/19	Residential Rate Assistance Application (Vietnamese)	31787-E	T
142-732/8	05/19	Residential Rate Assistance Application (Direct Mail)	31788-E	T
142-732/10	05/19	Residential Rate Assistance Application (Mandarin Chinese)	31789-E	T
142-732/11	05/19	Residential Rate Assistance Application (Arabic)	31790-E	T
142-732/12	05/19	Residential Rate Assistance Application (Armenian)	31791-E	T
142-732/13	05/19	Residential Rate Assistance Application (Farsi)	31792-E	T
142-732/14	05/19	Residential Rate Assistance Application (Hmong)	31793-E	T
142-732/15	05/19	Residential Rate Assistance Application (Khmer)	31794-E	T
142-00832	05/19	Application for CARE for Qualified Nonprofit Group Living Facilities	31800-E	T
142-732/16	05/19	Residential Rate Assistance Application (Korean)	31795-E	Т
142-732/17	05/19	Residential Rate Assistance Application (Russian)	31796-E	T
142-732/18	05/19	Residential Rate Assistance Application (Tagalog)	31797-E	T
142-732/19	05/19	Residential Rate Assistance Application (Thai)	31798-E	T
142-740	05/19	Residential Rate Assistance Application (Easy/App)	31799-E	T
142-959	06-96	Standard Form Contract for Service New Job Incentive Rate Service	9129-E	
142-1059	06-96	Standard Form Contract for Service New Job Connection Credit	9130-E	
142-1159	03-94	Standard Form Contract - Use of Rule 20A Conversion Funds to Fund New Job Connection Credit	8103-E	
142-1359	05-95	Request for Contract Minimum Demand	8716-E	
142-1459	05-95	Agreement for Contact Closure Service	8717-E	
142-1559	05-95	Request for Conjunctive Billing	8718-E	
142-1659	05-95	Standard Form Contract - Credits for Reductions in Overhead to Underground Conversion Funding Levels…	8719-E	
142-01959	01-01	Consent Agreement	14172-E	
142-02559	01-98	Contract to Permit Billing of Customer on Schedule AV-1 Prior to Installation of all Metering and Equipment Required to Provide a	11023-E	
		Contract Closure in Compliance With Special Condition 12 of Schedule AV-1		
142-2760	12-12	Interconnection Agreement for Net Energy Metering Solar or Wind Electric Generating Facilities for Other than Residential or Small Commercial of 10 Kilowatts or Less	26167-E	
142-02760.5	07-14	Interconnection Agreement for Virtual Net Metering (VNM) Photovoltaic Electric Generating Facilities	16697-E	

(Continued)

12C5		Issued by	Submitted	May 1, 2019
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Revised Cal. P.U.C. Sheet No.

31805-E

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SAMPLE FORMS

FORM NO.	<u>DATE</u>	APPLICATIONS, AGREEMENTS AND CONTRACTS	CAL C.P.U.C. SHEET NO.	
142-02762	01-13	Fuel Cell Generating Facility NEM and Interconnection Agreement	23444-E	
142-02763	10-12	NEM/VNM-A Inspection Report	23234-E	
142-02765	01-15	NEM Application & Interconnection Agreement for Customers with Solar and/or Wind Electric Generating Facilities of 30 kW or Less	26168-E	
142-02766	01-15	NEM Application & Interconnection Agreement for Solar and/or Wind Electric Generating Facilities Greater than 30 kW or up to 1000 kW	26169-E	
142-02768	02-09	Photovoltaic Generation Allocation Request Form	21148-E	
142-02769	07-14	NEM Aggregation Form	25293-E	
142-02770	12-12	Generation Credit Allocation Request Form	23288-E	
142-02771	08-16	Rule 21 Generator Interconnection Agreement (GIA)	28051-E	
142-02772	06-14	Rule 21 Detailed Study Agreement	25065-E	
142-02773	08-16	Interconnection App for Solar and/or Wind ONLY >30 Kw	29492-E	
142-02774	08-16	Interconnection App for Solar and/or Wind ONLY <30 Kw	29493-E	
142-3201		Residential Hotel Application for Residential Rates	5380-E	
142-3242		Agreement for Exemption from Income Tax Component on Contributions and Refundable Advances	6041-E	
142-4032	05-19	Application for California Alternate Rates for Energy (CARE) Program for Qualified Agricultural Employee Housing Facilities	31801-E	T
142-4035	06-05	Application for California Alternate Rates for Energy (CARE) Program for Migrant Farm Worker Housing Centers	18415-E	
142-05200	08-16	Generator Interconnection Agreement for Fast Track Process	28054-E	
142-05201	08-16	Exporting Generating Facility Interconnection Request	28055-E	
142-05202	01-01	Generating Facility Interconnection Application Agreement	14152-E	
142-05203	06-18	Generating Facility Interconnection Application	30754-E	
142-05204	07-16	Rule 21 Pre-Application Report Request	27744-E	
142-05205	07-02	Optional Binding Mandatory Curtailment Plan Contract	17729-E	
142-05207	07-18	Base Interruptible Program Contract	30797-E	
142-05209	04-01	No Insurance Declaration	15476-E	
142-05210	06-04	Rolling Blackout Reduction Program Contract	18273-E	
142-05211	06-04	Bill Protection Application	18273-E	
142-05213	07-03	Technical Incentive Program Application	30079-E	
142-05215	07-18	Third Party Marketer Agreement for BIP	30798-E	
142-05216	07-18	Notice to Add, Change or Terminate Third Party Marketer for BIP	30799-E	
142-05219	01-18	Technical Incentive Program Agreement	30080-E	
142-05219/1	01-18	Customer Generation Agreement	15384-E	
142-05220	07-18	Armed Forces Pilot Contract	30800-E	
142-05300	07-18	Capacity Bidding Program Customer Contract	30801-E	
142-05301	07-18	Aggregator Agreement for Capacity Bidding Program (CBP)	30802-E	
142-05302	02-18	Notice to Add, Change, or Terminate Aggregator for Capacity Bidding	30210-E	

(Continued)

13C6	Issued by	Submitted	May 1, 2019
Advice Ltr. No. 3372-E	Dan Skopec	Effective	Jun 1, 2019
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Decision No.	Regulatory Affairs	Resolution No.	



Cal. P.U.C. Sheet No. Revised

31174-E

Canceling Revised

Cal. P.U.C. Sheet No.

26298-E Sheet 14

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SAMPLE FORMS

FORM NO.	DATE	APPLICATIONS, AGREEMENTS AND CONTRACTS	CAL C.P.U.C. SHEET NO.
142-05303	07-18	Technical Assistance Incentive Application	16568-E
142-0541	06-02	Generating Facility Interconnection Agreement	29058-E
142-0542	06-17	(3 rd Party Inadvertent Export)	29059-E
		Generating Facility Interconnection Agreement	
142-0543	06-17	(3 rd Party Non-Exporting)	29060-E
		Generating Facility Interconnection Agreement	
142-0544	06-17	(Inadvertent Export)	19323-E
		Generating Facility Interconnection Agreement (Continuous Export)	0.40=0=
142-0545	06-06	Generation Bill Credit Transfer Allocation Request Form	21852-E
142-0600	06-13	SDG&E's Final Standard Form Re-Mat PPA	23604-E
143-359		Service Agreement between the Customer and SDG&E for Optional UDC Meter Services	
143-00212		Resident's Agreement for Water Heater Switch Credit	
143-459		Resident's Agreement for Air Conditioner or Water Heater Switch	3543-E
143-559		Owner's Agreement for Air Conditioner or Water Heater Switch	3545-E
143-659		Owner's Agreement for Air Conditioner Switch Payment	3699-E
143-759	12-97	Occupant's Agreement for Air Conditioner Switch Payment	3700-E
143-01212	1-99	Letter of Understanding between the Customer's Authorized Meter Supplier and SDG&E for Optional UDC Meter Services	11855-E
143-1459B	12-97	Thermal Energy Storage Agreement	5505-E
143-01759	12-97	Meter Data and Communications Request	11004-E
143-01859	2-99	Energy Service Provider Service Agreement	10572-E
143-01959	8-98	Request for the Hourly PX Rate Option Service Agreement	11005-E
143-01959/1	2-99	Request for the Hourly PX Rate Option (Spanish)	11888-E
143-02059	12-99	Direct Access Service Request (DASR)	13196-E
143-02159	12-97	Termination of Direct Access (English)	11889-E
143-02159/1	12-97	Termination of Direct Access (Spanish)	11890-E
143-2259	12-97	Departing Load Competition Transition Charge Agreement	10629-E
143-02359	12-97	Customer Request for SDG&E to Perform	11007-E
143-02459	12-97	ESP Request for SDG&E to Perform ESP Meter Services	11008-E
143-02659	3-98	ESP Request to Receive Meter Installation/Maintenance Charges	11175-E
143-02759	12-17	Direct Access Customer Relocation Declaration	29838-E
143-02760	12-12	Six Month Notice to Return to Direct Access Service	23319-E
143-02761	01-12	Six Month Notice to Return to Bundled Portfolio Service	22730-E
143-02762	02-13	Direct Access Customer Assignment Affidavit	23432-E
143-02763	04-10	Notice of Intent to Transfer to DA During OEW	21709-E

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14C17 Issued by Submitted Nov 1, 2018 **Dan Skopec** Advice Ltr. No. 3292-E Effective Vice President Regulatory Affairs Decision No. Resolution No.



Revised Cal. P.U.C. Sheet No.

32199-E

Canceling Original Cal. P.U.C. Sheet No.

31175-E

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SAMPE FORMS

<u>DATE</u>	APPLICATIONS, AGREEMENTS AND CONTRACTS	CAL C.P.U.C. SHEET NO.
02-13	Direct Access Customer Replacement Declaration	23701-E
03-08		20594-E
03-09		21133-E
08-13	Event Notification Form	23703-E
08-13	Future Communications Contact Information Form	23704-E
04-18	CISR-DRP	30366-E
01-16	DRP Service Agreement	27107-E
07-09	Customer Energy Network – Terms and Conditions	21298-E
11-13		23970-E
07-14	PEV Submetering Pilot (Phase I) Customer Enrollment Agreement	26187-E
07-14	Submeter MDMA Registration Agreement	26188-E
02-14	Customer Information Service Request Form	24202-E
12-15	Energy Efficiency Financing Pilot Programs Authorization or	26941-E
	Rule 33 Standard Non-Disclosure Agreement (NDA)	26294-E
	Rule 33 Terms of Service Acceptance Form	26295-E
	Mobilehome Park Utility Upgrade Agreement	25558-E
	Mobilehome Park Utility Upgrade Application	25559-E
10-15	Bioenergy Market Adjusting Tariff Power Purchase Agreement	26846-E
10-15	Green Tariff Shared Renewables (GTSR) Enhanced Community Renewables (ECR) Program Project Development Tariff Rider and Amendment	26874-E
05-17	Station Power -Agreement for Energy Storage Devices	28966-E
09/17	Declaration of Eligibility for Foodbank Discount	32193-E
	02-13 03-08 03-09 08-13 08-13 04-18 01-16 07-09 11-13 07-14 07-14 02-14 12-15 04-15 04-15 11-14 11-14 10-15 10-15	02-13 Direct Access Customer Replacement Declaration

(Continued)

15C6 Issued by Submitted Jun 21, 2019 Lee Schavrien Advice Ltr. No. 3378-E Effective Jul 22, 2019 Senior Vice President Decision No. Resolution No.



Original	Cal.	P.U.C.	Sheet	No
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P.U.C. Sheet No. 31176-E

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FORM NO.	DATE	DEPOSITS, RECEIPTS AND GUANRANTEES	CAL C.P.U.C. SHEET NO.
144-0812	03-09	Critical Peak Pricing - Event Notification Information Form	21134-E
144-0813	03-09	Critical Peak Pricing - Future Communications Contact Information Form	21135-E
155-100	03-06	Application and Contract for Unmetered Service	30273-E
160-2000	10-12	Customer Renewable Energy Agreement	23241-E
101-00197	09-08	Payment Receipt for Meter Deposit	11197-E
101-363	04-98	Guarantor's Statement	20604-E
101-1652B	04-08	Receipt of Payment	2501-E
103-1750-E	03-68	Return of Customer Deposit	2500-E
		BILLS AND STATEMENTS	
108-01214	03-14	Residential Meter Re-Read Verification	24576-E
110-00432	11-16	Form of Bill - General, Domestic, Power, and Lighting Service - Opening, Closing, and Regular Monthly Statements	28256-E
110-00432/2	07-16	Form of Bill - Past Due Format	27837-E
	144-0812 144-0813 155-100 160-2000 101-00197 101-363 101-1652B 103-1750-E	144-0812 03-09 144-0813 03-09 155-100 03-06 160-2000 10-12 101-00197 09-08 101-363 04-98 101-1652B 04-08 103-1750-E 03-68	144-0812 03-09 Critical Peak Pricing - Event Notification Information Form 144-0813 03-09 Critical Peak Pricing - Future Communications Contact Information Form 155-100 03-06 Application and Contract for Unmetered Service 160-2000 10-12 Customer Renewable Energy Agreement 101-00197 09-08 Payment Receipt for Meter Deposit 101-363 04-98 Guarantor's Statement 101-1652B 04-08 Receipt of Payment 103-1750-E 03-68 Return of Customer Deposit BILLS AND STATEMENTS 108-01214 03-14 Residential Meter Re-Read Verification 110-00432 11-16 Form of Bill - General, Domestic, Power, and Lighting Service - Opening, Closing, and Regular Monthly Statements

(Continued)

16C15 Issued by Submitted Nov 1, 2018

Advice Ltr. No. 3292-E Dan Skopec Effective

Vice President

Decision No. Regulatory Affairs Resolution No.



Original	Cal. P.U.C. Sheet No
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Canceling ____ Cal. P.U.C. Sheet No.

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COLLECTION NOTICES

		<u> </u>	CAL C.P.U.C.
FORM NO.	<u>DATE</u>		SHEET NO.
101-00751	08-14	Final Notice Before Disconnect (MDTs)	25419-E
101-00752	04-11	Final Notice Before Disconnect (delivered)	22324-E
101-00753	03-14	Back of Urgent Notice Applicable to Forms 101-00753/1 through 101-00753/11	24579-E
101-00753/1	04-11	Urgent Notice Payment Request Security Deposit to Establish Credit	22325-E
101-00753/2	03-05	Urgent Notice Payment Request Security Deposit to Re-Establish Credit.	18084-E
101-00753/3	04-11	Urgent Notice Payment Request for Past Due Security Deposit	22326-E
101-00753/4	04-11	Urgent Notice Payment Request for Past Due Bill	22327-E
101-00753/5	02-04	Urgent Notice Payment Request for Returned Payment	16948-E
101-00753/6	02-04	Urgent Notice Payment Request for Final Bill.	16949-E
101-00753/7	02-04	Urgent - Sign Up Notice for Service	16950-E
101-00753/8	02-04	Reminder Notice – Payment Request for Past Due Bill	16951-E
101-00753/9	02-04	Closing Bill Transfer Notification	16952-E
101-00753/10	03-14	Payment Agreement Confirmation	24580-E
101-00753/11	02-04	ESP Reminder Notice – Payment Request for Past Due Bill	16954-E
101-00754	03-14	Final Notice Before Disconnection (mailed), Notice of Past Due Closing	24581-E
101-01071	04-11	Bill, and Notice of Past Due Closing Bill Final Notice	22330-E
101-01072	08-14	Notice of Disconnect (delivered)	25420-E
101-01073	05-14	Notice of Shut-off (Mailed)	24851-E
101-02171	05-10	Notice to Landlord - Termination of Tenant's Gas/Electric Service (two or more units)	21885-E
101-02172	03-14	Notice of Disconnect (MDTs)	24582-E
101-2452G	02-04	Notice to Tenants - Request for Termination of Gas and Electric Service Customer Payment Notification	16959-E
		OPERATIONS NOTICES	
101-2371	11-95	No Access Notice	8826-E
101-3052B	3-69	Temporary "After Hour" Turn On Notice	2512-E
101-15152B	3-69	Door Knob Meter Reading Card	2515-E
107-04212	4-99	Notice of Temporary Electric Service Interruption (English & Spanish)	12055-E
115-00363/2	9-00	Sorry We Missed You	13905-E
115-002363	9-00	Electric Meter Test	13906-E
115-7152A	0 00	Access Problem Notice	3694-E
124-70A		No Service Tag	2514-E

17C9		Issued by	Submitted	Nov 1, 2018
Advice Ltr. No.	3292-E	Dan Skopec	Effective	
		Vice President		
Decision No.		Regulatory Affairs	Resolution No.	

APPENDIX D STATEMENT OF PROPOSED ELECTRIC RATE CHANGES

STATEMENT OF PROPOSED RATE CHANGES PROGRAM YEARS 2021-2026

The tables below present the illustrative class average electric and gas rate impacts (i.e., rate increases) associated with the proposals and related revenue requirements proposed in this Application for the period 2021 through 2026. Further details regarding the revenue requirements can be found in the Prepared Direct Testimony of Sara Nordin (ESA, CARE & FERA) and Appendix A.

Average Rates Impact By Class—Electric

	2019		2021			2022			2023	
	Current	Proposed	\$/kWh	%	Proposed	\$/kWh	%	Proposed	\$/kWh	%
	Rate*	Rate	Change	Change	Rate	Change	Change	Rate	Change	Change
Residential	27.368	27.371	0.003	0.0%	27.361	(0.007)	0.0%	27.350	(0.018)	-0.1%
Commercial	25.305	25.290	(0.015)	-0.1%	25.307	0.002	0.0%	25.317	0.012	0.0%
Industrial	23.045	23.143	0.098	0.4%	23.161	0.116	0.4%	23.173	0.128	0.5%
Agricultural	17.625	17.502	(0.123)	-0.7%	17.517	(0.108)	-0.4%	17.528	(0.097)	-0.4%
Lighting	22.239	22.257	0.018	0.1%	22.257	0.018	0.1%	22.257	0.018	0.1%
System Total	24.596	24.643	0.047	0.2%	24.652	0.056	0.2%	24.656	0.060	0.2%

^{*}Current rates are effective per AL 3377-E on June 1, 2019

	2019		2024			2025			2026	
	Current	Proposed	\$/kWh	%	Proposed	\$/kWh	%	Proposed	\$/kWh	%
	Rate*	Rate	Change	Change	Rate	Change	Change	Rate	Change	Change
Residential	27.368	27.343	(0.025)	-0.1%	27.335	(0.033)	-0.1%	27.322	(0.046)	-0.2%
Commercial	25.305	25.336	0.031	0.1%	25.353	0.048	0.2%	25.366	0.061	0.2%
Industrial	23.045	23.194	0.149	0.5%	23.212	0.167	0.6%	23.225	0.180	0.7%
Agricultural	17.625	17.546	(0.079)	-0.3%	17.561	(0.064)	-0.2%	17.574	(0.051)	-0.2%
Lighting	22.239	22.257	0.018	0.1%	22.257	0.018	0.1%	22.257	0.018	0.1%
System Total	24.596	24.667	0.071	0.3%	24.675	0.079	0.3%	24.680	0.084	0.3%

^{*}Current rates are effective per AL 3377-E on June 1, 2019

Average Rates Impact By Class—Gas

	2019		2021			2022			2023	
	Current	Proposed	\$	%	Proposed	\$	%	Proposed	\$	%
	Rate	Rate	Change	Change	Rate	Change	Change	Rate	Change	Change
Residential	0.055	0.072	0.017	31.6%	0.074	0.020	6.2%	0.075	0.020	33.2%
Commercial	0.066	0.069	0.003	5.0%	0.070	0.004	6.2%	0.071	0.004	6.8%
Industrial	0.063	0.064	0.001	0.8%	0.064	0.001	1.6%	0.064	0.001	2.0%
System Total	0.058	0.069	0.011	19.0%	0.071	0.013	21.7%	0.071	0.013	22.9%

	2019		2024			2025			2026	
	Current	Proposed	\$	%	Proposed	\$	%	Proposed	\$	%
	Rate	Rate	Change	Change	Rate	Change	Change	Rate	Change	Change
Residential	0.055	0.079	0.025	7.4%	0.083	0.028	37.3%	0.085	0.031	8.2%
Commercial	0.066	0.072	0.006	8.5%	0.073	0.007	10.0%	0.074	0.007	11.3%
Industrial	0.063	0.065	0.002	2.9%	0.066	0.002	3.8%	0.066	0.003	4.5%
System Total	0.058	0.074	0.016	27.7%	0.076	0.018	31.3%	0.078	0.020	34.7%

APPENDIX E STATEMENT OF ORIGINAL COST AND DEPRECIATION RESERVE

SAN DIEGO GAS & ELECTRIC COMPANY

COST OF PROPERTY AND DEPRECIATION RESERVE APPLICABLE THERETO AS OF JUNE 30, 2019

No.	<u>Account</u>	Original <u>Cost</u>	Reserve for Depreciation and Amortization
ELECT	RIC DEPARTMENT		
302	Franchises and Consents	222,841.36	202,900.30
303	Misc. Intangible Plant	177,867,002.34	135,310,076.13
	TOTAL INTANGIBLE PLANT	178,089,843.70	135,512,976.43
310.1	Land	14,526,518.29	46,518.29
310.2	Land Rights	0.00	0.00
311	Structures and Improvements	89,282,779.56	44,642,515.77
312	Boiler Plant Equipment	161,941,815.44	82,131,265.65
314	Turbogenerator Units	130,874,299.77	54,571,669.02
315	Accessory Electric Equipment	86,242,427.04	42,622,710.15
316	Miscellaneous Power Plant Equipment	53,528,902.07	16,185,452.45
	Steam Production Contra Accounts	(1,621,911.83)	(517,733.32)
	TOTAL STEAM PRODUCTION	534,774,830.34	239,682,398.01
	TOTAL OTEANT ROBOUTION	001,771,000.01	200,002,000.01
340.1	Land	224 269 04	0.00
340.1	Land Land Rights	224,368.91 2,427.96	2,427.96
341	Structures and Improvements	23,664,945.54	9,636,195.85
342	Fuel Holders, Producers & Accessories	21,651,593.69	8,741,206.12
343	Prime Movers	95,333,635.07	45,778,329.15
344	Generators	361,344,432.76	166,337,278.77
345	Accessory Electric Equipment	32,510,919.85	16,090,699.58
346	Miscellaneous Power Plant Equipment	30,821,693.60	16,529,326.23
	TOTAL OTHER PRODUCTION	565,554,017.38	263,115,463.66
		. ,	
	TOTAL ELECTRIC PRODUCTION	1,100,328,847.72	502,797,861.67

No.	<u>Account</u>	Original <u>Cost</u>	Reserve for Depreciation and <u>Amortization</u>
350.1 350.2 352 353 354 355 356 357 358 359	Land Land Rights Structures and Improvements Station Equipment Towers and Fixtures Poles and Fixtures Overhead Conductors and Devices Underground Conduit Underground Conductors and Devices Roads and Trails	78,615,129.53 161,983,142.62 610,206,835.79 1,829,093,355.20 905,731,530.80 676,083,192.06 689,423,108.08 470,219,798.64 525,338,927.17 327,265,061.36	0.00 25,239,499.23 86,815,855.33 386,976,906.29 196,024,286.14 135,313,033.92 252,879,735.54 75,258,483.02 73,863,159.72 40,890,598.38
	TOTAL TRANSMISSION	6,273,960,081.25	1,273,261,557.57
360.1 360.2 361 362 363 364 365 366 367 368.1 368.2 369.1 369.2 370.1 370.2 371 373.1 373.1	Land Land Rights Structures and Improvements Station Equipment Storage Battery Equipment Poles, Towers and Fixtures Overhead Conductors and Devices Underground Conduit Underground Conductors and Devices Line Transformers Protective Devices and Capacitors Services Overhead Services Underground Meters Meter Installations Installations on Customers' Premises St. Lighting & Signal SysTransformers Street Lighting & Signal Systems TOTAL DISTRIBUTION PLANT	16,490,990.26 90,088,908.66 10,086,044.98 574,598,422.78 127,513,025.39 819,626,987.24 805,474,964.68 1,360,590,938.51 1,671,814,222.50 668,206,539.52 34,632,140.81 190,038,442.11 371,871,039.09 200,068,683.19 62,138,760.83 9,566,175.02 0.00 32,299,637.78	0.00 45,530,371.90 1,743,296.88 220,277,155.61 35,629,169.44 295,059,463.63 236,473,158.63 529,978,331.39 966,636,222.09 201,504,818.68 12,788,664.26 116,141,226.52 260,455,724.31 109,166,743.25 28,769,191.37 10,621,376.93 0.00 20,967,777.25 3,091,742,692.14
389.1 389.2 390 392.1 392.2 393 394.1 394.2 395 396 397 398	Land Land Rights Structures and Improvements Transportation Equipment - Autos Transportation Equipment - Trailers Stores Equipment Portable Tools Shop Equipment Laboratory Equipment Power Operated Equipment Communication Equipment Miscellaneous Equipment TOTAL GENERAL PLANT	7,312,142.54 0.00 45,608,818.57 0.00 58,145.67 46,521.59 34,365,479.14 278,147.42 5,333,953.73 60,528.93 324,177,176.45 61,974,394.40 479,215,308.44	0.00 0.00 26,780,615.05 49,884.21 19,972.21 1,734.19 10,058,679.93 213,854.52 1,078,024.13 117,501.67 130,271,431.12 3,241,998.15
101	TOTAL ELECTRIC PLANT	15,076,700,004.46	5,175,148,782.99

<u>No.</u>	<u>Account</u>	Original <u>Cost</u>	Reserve for Depreciation and <u>Amortization</u>
GAS PL	ANT		
302 303	Franchises and Consents Miscellaneous Intangible Plant	86,104.20 0.00	86,104.20 0.00
	TOTAL INTANGIBLE PLANT	86,104.20	86,104.20
360.1 361 362.1 362.2 363 363.1 363.2 363.3 363.4 363.5 363.6	Land Structures and Improvements Gas Holders Liquefied Natural Gas Holders Purification Equipment Liquefaction Equipment Vaporizing Equipment Compressor Equipment Measuring and Regulating Equipment Other Equipment LNG Distribution Storage Equipment TOTAL STORAGE PLANT	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 2,168,803.11 2,168,803.11	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 1,254,997.93
365.1 365.2 366 367 368 369 371	Land Land Rights Structures and Improvements Mains Compressor Station Equipment Measuring and Regulating Equipment Other Equipment TOTAL TRANSMISSION PLANT	4,649,143.75 3,515,541.91 19,306,097.54 246,096,743.09 92,393,328.87 27,902,867.39 1,994,264.34 395,857,986.89	0.00 1,528,883.35 11,055,464.01 88,714,929.09 72,862,537.27 17,816,772.30 157,091.79
374.1 374.2 375 376 378 380 381 382 385 386 387	Land Land Rights Structures and Improvements Mains Measuring & Regulating Station Equipment Distribution Services Meters and Regulators Meter and Regulator Installations Ind. Measuring & Regulating Station Equipment Other Property On Customers' Premises Other Equipment TOTAL DISTRIBUTION PLANT	1,083,616.95 8,395,720.77 43,446.91 1,269,768,422.91 19,033,328.64 338,407,659.61 166,243,631.10 106,870,867.40 1,516,810.70 0.00 11,402,034.82 1,922,765,539.81	0.00 7,300,959.56 61,253.10 415,796,467.94 9,077,230.45 297,559,185.80 70,596,678.45 47,386,855.27 1,277,007.95 0.00 5,924,054.47

No.	<u>Account</u>	Original <u>Cost</u>	Reserve for Depreciation and <u>Amortization</u>
392.1 392.2 394.1 394.2 395 396 397 398	Transportation Equipment - Autos Transportation Equipment - Trailers Portable Tools Shop Equipment Laboratory Equipment Power Operated Equipment Communication Equipment Miscellaneous Equipment	0.00 0.00 11,672,344.53 71,501.71 0.00 16,162.40 2,377,110.36 465,784.09	25,503.00 0.13 4,025,905.17 33,987.34 (7,344.15) 14,560.53 850,329.68 129,717.62
	TOTAL GENERAL PLANT	14,602,903.09	5,072,659.32
101	TOTAL GAS PLANT	2,335,481,337.10	1,053,529,132.25
СОММО	ON PLANT		
303 350.1 360.1 389.1 389.2 390 391.1 391.2 392.3 392.3 393 394.1 394.2 394.3 395 396 397 398 Topside	Miscellaneous Intangible Plant Land Land Land Land Rights Structures and Improvements Office Furniture and Equipment - Other Office Furniture and Equipment - Computer E Transportation Equipment - Autos Transportation Equipment - Trailers Transportation Equipment - Aviation Stores Equipment Portable Tools Shop Equipment Garage Equipment Laboratory Equipment Power Operated Equipment Communication Equipment Miscellaneous Equipment	590,896,815.94 0.00 0.00 7,494,792.37 27,776.34 448,179,095.04 40,545,416.35 67,339,335.40 677,909.38 107,977.72 11,580,557.15 333,835.97 1,520,822.86 142,759.33 1,854,148.83 1,731,116.64 0.00 240,860,116.54 5,136,413.68 0.00	380,422,568.47 0.00 0.00 0.00 27,776.34 167,701,181.42 15,481,875.52 17,709,767.11 277,109.82 4,960.83 1,731,768.19 30,057.23 516,940.69 92,400.43 395,469.88 826,300.03 (192,979.10) 86,462,690.04 469,080.39
118.1	TOTAL COMMON PLANT	1,418,428,889.54	671,956,967.29
101 & 118.1	TOTAL ELECTRIC PLANT TOTAL GAS PLANT TOTAL COMMON PLANT TOTAL	15,076,700,004.46 2,335,481,337.10 1,418,428,889.54 18,830,610,231.10	5,175,148,782.99 1,053,529,132.25 671,956,967.29 6,900,634,882.53
101	PLANT IN SERV-SONGS FULLY RECOVER	0.00	0.00
101	PLANT IN SERV-ELECTRIC NON-RECON Electric Gas Common	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00

<u>No.</u>	<u>Account</u>	Original <u>Cost</u>	Reserve for Depreciation and <u>Amortization</u>
101	PLANT IN SERV-CONTRA-ELECTRIC Electric	0.00	0.00
	Common	0.00	0.00
		0.00	0.00
101	PLANT IN SERV-PP TO SAP OUT OF BAL Electic	0.00	0.00
118	PLANT IN SERV-COMMON NON-RECON Common - Transferred Asset Adjustment	(1,540,513.52)	(1,540,513.52)
101	Accrual for Retirements		
101	Electric	(8,673,977.14)	(8,673,977.14)
	Gas	(1,821,385.86)	(1,821,385.86)
	TOTAL PLANT IN SERV-ACCRUAL FOR RE_	(10,495,363.00)	(10,495,363.00)
102	Electric	279,421.69	0.00
	Gas	0.00	0.00
	TOTAL PLANT PURCHASED OR SOLD	279,421.69	0.00
104	Electric	85,194,000.02	21,353,444.91
	Gas	0.00	0.00
	TOTAL PLANT LEASED TO OTHERS	85,194,000.02	21,353,444.91
105	Plant Held for Future Use		
	Electric	0.00	0.00
	Gas	0.00	0.00
	TOTAL PLANT HELD FOR		
	FUTURE USE _	0.00	0.00
107	Construction Work in Drawnson		
107	Construction Work in Progress Electric	1,035,834,631.26	
	Gas	113,700,623.59	
	Common	182,276,518.47	
	TOTAL CONSTRUCTION WORK		
	IN PROGRESS	1,331,811,773.32	0.00

No.	<u>Account</u>	Original <u>Cost</u>	Reserve for Depreciation and <u>Amortization</u>
108.5	Accumulated Nuclear Decommissioning Electric	0.00	1,042,605,025
	TOTAL ACCUMULATED NUCLEAR DECOMMISSIONING	0.00	1,042,605,025.49
101.1 118.1	ELECTRIC CAPITAL LEASES COMMON CAPITAL LEASE	1,902,822,019.46 19,451,676.98 1,922,273,696.44	348,972,049.51 12,020,229.45 360,992,278.96
143 143	FAS 143 ASSETS - Legal Obligation SONGS Plant Closure - FAS 143 contra FIN 47 ASSETS - Non-Legal Obligation FAS 143 ASSETS - Legal Obligation	17,125,479.67 0.00 109,841,313.16 0.00	(1,039,081,655) 0 43,570,120 (1,717,597,919)
	TOTAL FAS 143	126,966,792.83	(2,713,109,453.55)
	UTILITY PLANT TOTAL	22,285,100,038.88	5,600,440,301.82

APPENDIX F SUMMARY OF EARNINGS

SAN DIEGO GAS & ELECTRIC COMPANY SUMMARY OF EARNINGS June 2019 (\$ IN MILLIONS)

Line No. Item	Amount
1 Operating Revenue	\$ 2,425
2 Operating Expenses	 2,025
3 Net Operating Income	\$ 400
4 Weighted Average Rate Base	\$ 10,116
5 Rate of Return*	7.96%

^{*}Authorized Cost of Capital

APPENDIX G STATE, COUNTIES, AND CITIES SERVICE LIST

State of California Attorney General's Office P.O. Box 944255 Sacramento, CA 94244-2550

Naval Facilities Engineering Command Navy Rate Intervention 1314 Harwood Street SE Washing Navy Yard, DC 20374

City of Carlsbad Attn. City Attorney 1200 Carlsbad Village Drive Carlsbad, CA 92008-19589

City of Chula Vista Attn. City Attorney 276 Fourth Ave Chula Vista, Ca 91910-2631

City of Dana Point Attn. City Attorney 33282 Golden Lantern Dana Point, CA 92629

City of Del Mar Attn. City Clerk 1050 Camino Del Mar Del Mar, CA 92014

City of Encinitas Attn. City Attorney 505 S. Vulcan Ave. Encinitas, CA 92024

City of Escondido Attn. City Attorney 201 N. Broadway Escondido, CA 92025

City of Imperial Beach Attn. City Clerk 825 Imperial Beach Blvd Imperial Beach, CA 92032

City of Laguna Beach Attn. City Clerk 505 Forest Ave Laguna Beach, CA 92651 State of California
Attn. Director Dept of General
Services
PO Box 989052
West Sacramento, CA 95798-9052

Alpine County Attn. County Clerk 99 Water Street, P.O. Box 158 Markleeville, CA 96120

City of Carlsbad Attn. Office of the County Clerk 1200 Carlsbad Village Drive Carlsbad, CA 92008-19589

City of Coronado Attn. Office of the City Clerk 1825 Strand Way Coronado, CA 92118

City of Dana Point Attn. City Clerk 33282 Golden Lantern Dana Point, CA 92629

City of El Cajon Attn. City Clerk 200 Civic Way El Cajon, CA 92020

City of Encinitas Attn. City Clerk 505 S. Vulcan Ave. Encinitas, CA 92024

City of Fallbrook Chamber of Commerce Attn. City Clerk 111 S. Main Avenue Fallbrook, CA 92028

City of Imperial Beach Attn. City Attorney 825 Imperial Beach Blvd Imperial Beach, CA 92032

City of Laguna Beach Attn. City Attorney 505 Forest Ave Laguna Beach, CA 92651 Department of U.S. Administration General Services Administration 300 N. Los Angeles St. #3108 Los Angeles, CA 90012

Borrego Springs Chamber of Commerce Attn. City Clerk 786 Palm Canyon Dr PO Box 420 Borrego Springs CA 92004-0420

City of Chula Vista Attn: Office of the City Clerk 276 Fourth Avenue Chula Vista, California 91910-2631

City of Coronado Attn. City Attorney 1825 Strand Way Coronado, CA 92118

City of Del Mar Attn. City Attorney 1050 Camino Del Mar Del Mar, CA 92014

City of El Cajon Attn. City Attorney 200 Civic Way El Cajon, CA 92020

City of Escondido Attn. City Clerk 201 N. Broadway Escondido, CA 92025

City of Fallbrook Chamber of Commerce Attn. City Attorney 111 S. Main Avenue Fallbrook, CA 92028

Julian Chamber of Commerce P.O. Box 1866 2129 Main Street Julian, CA

City of Laguna Niguel Attn. City Attorney 30111 Crown Valley Parkway Laguna Niguel, California 92677 City of Laguna Niguel Attn. City Clerk 30111 Crown Valley Parkway Laguna Niguel, California 92677

City of La Mesa Attn. City Clerk 8130 Allison Avenue La Mesa, CA 91941

City of Mission Viejo Attn: City Clerk 200 Civic Center Mission Viejo, CA 92691

City of National City Attn. City Attorney 1243 National City Blvd National City, CA 92050

County of Orange Attn. County Counsel P.O. Box 1379 Santa Ana, CA 92702

City of Poway Attn. City Attorney P.O. Box 789 Poway, CA 92064

City of San Diego Attn. Mayor 202 C Street, 11th Floor San Diego, CA 92101

County of San Diego Attn. County Counsel 1600 Pacific Hwy San Diego, CA 92101

City of San Diego Attn. City Clerk 202 C Street, 2nd Floor San Diego, CA 92101

City of Santee Attn. City Clerk 10601 Magnolia Avenue Santee, CA 92071 City of Lakeside Attn. City Clerk 9924 Vine Street Lakeside CA 92040

City of Lemon Grove Attn. City Clerk 3232 Main St. Lemon Grove, CA 92045

City of Mission Viejo Attn: City Attorney 200 Civic Center Mission Viejo, CA 92691

City of Oceanside Attn. City Clerk 300 N. Coast Highway Oceanside, CA 92054-2885

County of Orange Attn. County Clerk 12 Civic Center Plaza, Room 101 Santa Ana, CA 92701

City of Ramona Attn. City Clerk 960 Main Street Ramona, CA 92065

City of San Clemente Attn. City Clerk 100 Avenida Presidio San Clemente, CA 92672

County of San Diego Attn. County Clerk P.O. Box 121750 San Diego, CA 92101

City of San Marcos Attn. City Attorney 1 Civic Center Dr. San Marcos, CA 92069

City of Santee Attn. City Attorney 10601 Magnolia Avenue Santee, CA 92071 City of La Mesa Attn. City Attorney 8130 Allison Avenue La Mesa, CA 91941

City of Lemon Grove Attn. City Attorney 3232 Main St. Lemon Grove, CA 92045

City of National City Attn. City Clerk 1243 National City Blvd National City, CA 92050

City of Oceanside Attn. City Attorney 300 N. Coast Highway Oceanside, CA 92054-2885

City of Poway Attn. City Clerk P.O. Box 789 Poway, CA 92064

City of Ramona Attn. City Attorney 960 Main Street Ramona, CA 92065

City of San Clemente Attn. City Attorney 100 Avenida Presidio San Clemente, CA 92672

City of San Diego Attn. City Attorney 1200 Third Ave. Suite 1620 San Diego, CA 92101

City of San Marcos Attn. City Clerk 1 Civic Center Dr. San Marcos, CA 92069

City of Solana Beach Attn. City Attorney 635 S. Highway 101 Solana Beach, CA 92075 Spring Valley Chamber of Commerce Attn. City Clerk 3322 Sweetwater Springs Blvd, Ste. 202 Spring Valley, CA 91977-3142

City of Vista Attn. City Clerk 200 Civic Center Drive Vista, CA 92084 Valley Center Chamber of Commerce Attn. City Clerk P.O. Box 8 Valley Center, CA 92082

City of Aliso Viejo 12 Journey Aliso Viejo, CA 92656 City of Vista Attn. City Attorney 200 Civic Center Drive, Bldg. K Vista, CA 92084

APPENDIX H CERTIFICATE OF SERVICE

BEFORE THE PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA

Application of San Diego Gas & Electric Company (U 902 M) for Authority to Update Marginal Costs, Cost Allocation, and Electric Rate Design

Application 19-11-___(Filed November 4, 2019)

CERTIFICATE OF SERVICE

I hereby certify that pursuant to the California Public Utilities Commission's Rules of Practice and Procedure, I have this day served a true and correct copy of the attached APPLICATION OF SAN DIEGO GAS & ELECTRIC COMPANY (U 902 M) FOR APPROVAL OF LOW-INCOME ASSISTANCE PROGRAMS AND BUDGETS FOR PROGRAM YEARS 2021-2026 on all parties of record in A.14-11-007, A.14-11-009, A.14-11-010 and A.14-11-011 consolidated. Any parties without an email address will be served by placing copies in properly addressed and sealed envelopes and depositing such envelopes in the United States Mail with first-class postage prepaid.

Two hardcopies are being overnighted to Administrative Law Judge Katherine Kwan MacDonald.

Executed this 4th day of November 2019, at San Diego, California.

/s/ Darleen Evans
Darleen Evans