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

Application of Pacific Gas and Electric  
Company for Approval of Energy Savings  
Assistance and California Alternate Rates for  
Energy Programs and Budgets for 2021-2026  
Program Years.

Application No. 19-11-\_\_\_\_

U 39 M

**APPLICATION OF PACIFIC GAS AND ELECTRIC COMPANY (U 39 M)  
FOR APPROVAL OF ENERGY SAVINGS ASSISTANCE AND CALIFORNIA  
ALTERNATE RATES FOR ENERGY PROGRAMS AND BUDGET FOR THE  
2021-2026 PROGRAM YEARS**

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**BEFORE THE PUBLIC UTILITIES COMMISSION  
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Application of Pacific Gas and Electric Company for Approval of Energy Savings Assistance and California Alternate Rates for Energy Programs and Budgets for 2021-2026 Program Years.

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ALTERNATE RATES FOR ENERGY PROGRAMS AND BUDGET FOR THE  
2021-2026 PROGRAM YEARS**

**I. INTRODUCTION**

Pacific Gas and Electric Company (PG&E) respectfully submits this application in compliance with Articles 2 and 3 of the California Public Utilities Commission’s (Commission or CPUC) Rules of Practice and Procedure (Rule) and the Commission’s Decision Issuing Guidance to Investor-Owned Utilities for California Alternate Rates for Energy [CARE]/Energy Savings Assistance Program [ESA] Applications for 2021-2026 and Denying Petition for Modification.<sup>1</sup> Attachment A (Guidance Document) to this Decision contains the guidelines for submitting this application.

PG&E requests the Commission approve programs and authorize budgets proposed for PG&E’s three primary low-income programs<sup>2</sup> for Program Years 2021-2026. These programs are: Energy Savings Assistance (ESA), California Alternate Rates for Energy (CARE), and Family Electric Rate Assistance (FERA).<sup>3</sup> For a PG&E typical residential electric and gas customer, PG&E’s proposed revenue requirements for these programs translates to a bill impact of less than one percent for gas and electric rates.

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<sup>1</sup> Decision (D.) 19-06-022, Ordering Paragraph (OP) 1, Attachment A.

<sup>2</sup> Also referred to as “Income Qualified Programs.”

<sup>3</sup> The Guidance Document includes FERA within the CARE outline. PG&E’s Prepared Testimony, Ch. II includes FERA pursuant to the Guidance Document. For purposes of this application, PG&E generally discusses FERA separately from CARE.

## **II. OVERVIEW OF PG&E'S LOW-INCOME APPLICATION**

PG&E's three primary income qualified programs that are the subject of this application are ESA, CARE, and FERA. PG&E's proposed budget for these programs includes costs for 2021-2026 that (1) aim to target eligible customers with particular “need states” for ESA, (2) keep costs affordable for eligible customers, and (3) increase participation in FERA. To address unforeseen costs that may arise during the next program cycle, PG&E requests to describe the changes in monthly or annual ESA/CARE reports, and if required, prepare and file advice letters. The tables required pursuant to Guidance Document Attachment B<sup>4</sup> are in Attachment 1 to this application and Chapter IV of the accompanying testimony.

### **A. ESA**

PG&E's ESA Program provides energy efficiency measures and education at no-cost to eligible customers. ESA is available to customers living in all housing types whether they are homeowners or renters.

PG&E's proposed annual budget request for ESA is approximately: \$174 million in 2021, \$167 million in 2022, \$190 million in 2023, \$189 million in 2024, \$189 million in 2025, and \$189 million in 2026. Details of the program and budget proposals for ESA are in Chapter I of the accompanying testimony.

#### **1. New ESA Plus Program**

A major component of PG&E's proposed 2021-2026 ESA program budget is the cost associated with delivery of energy efficiency and health, comfort, and safety measures.

In response to D.19-06-022, PG&E proposes to refresh its current ESA Program to (1) embrace an alternative program design, and (2) reach the neediest of PG&E's eligible customers. This refreshed ESA Program is called “ESA Plus.”

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<sup>4</sup> Guidance Document, p. 2.

As part of ESA Plus, PG&E proposes to offer its eligible customers three levels of ESA participation options: Basic, Comprehensive, and Comprehensive Plus.<sup>5</sup> These levels are summarized below:

- Basic: Free home assessment, energy education, and installation of simple energy saving measures (e.g., smart power strips and LED lightbulbs) with self-certification of income.
- Comprehensive: Basic level plus other measures (e.g., weatherization and appliance upgrades) related to increasing energy savings and improving the health, comfort and safety (HCS) of eligible customers who verify their income.
- Comprehensive Plus: Comprehensive level plus additional measures (e.g. air purifiers) specific to the “need states” of eligible customers who verify their income.

## **2. ESA Multifamily**

A second major component of PG&E’s proposed ESA budget is PG&E’s ESA Multifamily Whole Building (MFWB) program.<sup>6</sup> PG&E plans to outsource its ESA MFWB (common area and in-unit) program to a third-party administrator, using a solicitation process that includes the use of a procurement review group (PRG) and an independent evaluator.<sup>7</sup>

## **3. Overall ESA Program Administration**

A third major component of PG&E’s proposed ESA budget is overall Program Administration. This includes costs for general administration, inspections, marketing and outreach,<sup>8</sup> studies and pilots,<sup>9</sup> and workforce education and training.<sup>10</sup>

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<sup>5</sup> See PG&E’s Prepared Testimony (Prepared Testimony), Ch. I, pp. I-18 – I-21, I-52 – I-53, I-68 – I-70.

<sup>6</sup> For purposes of this application, PG&E considers a multi-family building as having five or more attached units.

<sup>7</sup> PG&E’s current Energy Efficiency third-party solicitation process is pursuant to D.18-01-004. See also Prepared Testimony, Ch. I, pp. I-153 - I-171.

<sup>8</sup> See Prepared Testimony, Ch. I, pp. I-73 – I-86.

<sup>9</sup> See Prepared Testimony, Ch. I, pp. I-171 – I-180.

<sup>10</sup> See Prepared Testimony, Ch. I, pp. I-68 – I-73.

## **B. CARE**

PG&E's CARE program provides monthly discounts to income-qualified customers. This customer segment consists of residential single-family households, tenants of sub-metered residential facilities, non-profit group living facilities, agricultural employee housing facilities, and migrant farm worker housing centers. CARE income eligibility is household income that is at, or, below 200 percent of the Federal Poverty Level.<sup>11</sup>

PG&E's requested CARE budget will allow PG&E to offer its eligible customers a discount on their electric and gas bills. PG&E's total annual budget request for CARE is: \$698 million in 2021, \$701 million in 2022, \$706 million in 2023, \$710 million in 2024, \$715 million in 2025, and \$720 million in 2026. The program and budget proposals for the CARE program are detailed in Chapter II of the accompanying testimony.

### **1. CARE Discount**

The largest budget component for PG&E's CARE Program is the CARE discount. Of the total annual CARE budget, PG&E requests a CARE discount budget of \$4.2 billion for the 2021-2026 program cycle: \$684 million in 2021, \$688 million in 2022, \$692 million in 2023, \$696 million in 2024, \$701 million in 2025, and \$706 million in 2026. CARE households currently receive a 20 percent discount for gas, and an average 35 percent discount for electricity. As of September 2019, over 1.4 million households were enrolled in CARE, or 95 percent of those estimated eligible for the CARE Program.<sup>12</sup> PG&E's proposed budget reflects continuing to provide this discount to its eligible low-income population.

### **2. CARE Program Administration**

PG&E's proposed annual forecast for CARE Program Administration for 2021-2026 is relatively flat. PG&E requests a total administrative budget of \$85 million for the 2021-2026 program cycle: \$14 million annually in 2021-2025, and \$15 million in 2026. PG&E processes approximately 960,000 CARE applications annually. Within PG&E's CARE Program

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<sup>11</sup> Prepared Testimony, Ch. II, pp. II-5 – II-6.

<sup>12</sup> Prepared Testimony, Ch. 0, pp. 0-1 – 0-2.

Administration budget, the largest component is related to Marketing and Outreach.<sup>13</sup> PG&E conducts marketing and outreach efforts to (a) retain existing qualified customers and (b) attract remaining unenrolled eligible customers. Other budget components for CARE Program Administration include: program management, application processing, Post-Enrollment Verification and High Usage Verification of income,<sup>14</sup> and Information Technology (IT) Programming.<sup>15</sup>

### **C. FERA**

The FERA program provides electric rate assistance to qualifying customers. The FERA program is designed to assist customers who are ineligible for the CARE rate because their income level falls slightly above the CARE program income eligibility limit.<sup>16</sup> FERA is available for households of three or more individuals with a total household income over 200 percent and up to 250 percent of the federal poverty guideline level. The income threshold increases with each additional individual.

PG&E's proposed FERA budget will allow PG&E to continue offering the electric discount to qualifying customers. PG&E's annual budget request for FERA is: \$13 million in 2021, \$16 million in 2022, \$19 million in 2023, \$21 million in 2024, \$24 million in 2025, and \$26 million in 2026.<sup>17</sup> Further detail of the budget proposal is in Chapter II of the accompanying testimony.<sup>18</sup>

#### **1. FERA Discount**

The largest budget component for PG&E's FERA Program is the FERA discount. Of the total proposed annual FERA budget, PG&E requests a proposed FERA discount budget of \$101 million for the 2021-2026 program cycle: \$10 million in 2021, \$13 million in 2022, \$16 million

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<sup>13</sup> Prepared Testimony, Ch. II, pp. II-20, II-28 – II-53.

<sup>14</sup> See Prepared Testimony, Ch. II, pp. II-21 – II-27.

<sup>15</sup> See Prepared Testimony, Ch. II, pp. II-21.

<sup>16</sup> The FERA program was authorized by D.04-02-057 as the Large Household Program.

<sup>17</sup> The proposal for the FERA program follows directive in the Guidance Document, p. 35, and D.18-08-013, OP 16.

<sup>18</sup> See Prepared Testimony, Ch. II, pp. II-58 – II-87.



in 2023, \$18 million in 2024, \$21 million in 2025, and \$23 million in 2026. Currently, FERA participants receive an 18 percent electric discount, effective January 1, 2019.<sup>19</sup> PG&E's current participation rate is 13 percent (approximately 21,493 customers) of the eligible population (estimated to be 165,333 customers.)<sup>20</sup> D.18-08-013 directed PG&E to increase its FERA participation, with the aim of reaching a 50 percent total participation rate by the end of 2023, and propose new FERA-specific outreach in its low-income application.<sup>21</sup> Therefore, PG&E requests funding to pursue this ambitious goal, acknowledging that it will be difficult to achieve this goal in the stated time.

## **2. FERA Program Administration**

PG&E requests a total FERA administrative budget of \$17 million for 2021-2026 (approximately \$3 million per program year). Within PG&E's FERA Program Administration budget, the largest component is related to Marketing and Outreach as PG&E plans to increase its FERA participation level discussed above.<sup>22</sup> As described in its testimony, PG&E's proposed FERA Marketing and Outreach plan includes costs for (1) co-promoting CARE and FERA via multiple marketing channels, (2) targeting FERA-eligible customers through developing a new Propensity Model, and (3) increasing FERA retention efforts.

## **III. SUMMARY OF PG&E'S REQUEST AND RELIEF SOUGHT**

For Program Years 2021-2026, PG&E requests a total of approximately \$5.5 billion to continue to deliver its three primary low-income programs: ESA, CARE, and FERA. This figure is broken down by program and year in Table 1 below.

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<sup>19</sup> Section 739.12.

<sup>20</sup> See Prepared Testimony, Ch. II, p. II-59.

<sup>21</sup> D.18-08-013, OP 15 and 16.

<sup>22</sup> See Prepared Testimony, Ch. II, pp. II-66 – II-82.

**TABLE 1**  
**PROPOSED PROGRAM YEAR BUDGET**  
**(THOUSANDS OF NOMINAL DOLLARS)<sup>(a)</sup>**

Line No.	Program	2021	2022	2023	2023	2025	2026	2021-2026 Total Proposed Budget
1	<i>ESA Plus</i>	\$126,529	\$120,641	\$130,918	\$121,337	\$118,698	\$116,656	\$734,780
2	– <i>MFWB</i>	30,135	30,111	42,442	51,768	53,321	54,920	262,696
3	<i>Program Administration<sup>(b)</sup></i>	16,902	16,656	16,683	16,383	16,762	16,964	100,350
4	<b>ESA Subtotal</b>	<b>173,566</b>	<b>167,408</b>	<b>190,043</b>	<b>189,488</b>	<b>188,781</b>	<b>188,540</b>	<b>1,097,826</b>
5	<i>CARE Discount</i>	683,539	687,689	691,973	696,394	700,957	705,667	4,166,219
6	<i>Program Administration<sup>(b)</sup></i>	\$14,151	\$13,760	\$13,962	\$14,071	\$14,444	\$14,788	\$85,175
7	<b>CARE Subtotal</b>	<b>697,690</b>	<b>701,449</b>	<b>705,935</b>	<b>710,465</b>	<b>715,401</b>	<b>720,455</b>	<b>4,251,394</b>
8	<i>FERA Discount</i>	10,353	12,898	15,727	18,273	20,819	23,364	101,434
9	<i>Program Administration<sup>(b)</sup></i>	\$2,504	\$2,802	\$2,867	\$2,937	\$3,006	\$3,077	\$17,193
10	<b>FERA Subtotal</b>	<b>12,857</b>	<b>15,700</b>	<b>18,594</b>	<b>21,210</b>	<b>23,825</b>	<b>26,441</b>	<b>118,627</b>
11	<b>Total (ESA, CARE, FERA)<sup>(c)</sup></b>	<b>\$884,113</b>	<b>\$884,557</b>	<b>\$914,572</b>	<b>\$921,163</b>	<b>\$928,007</b>	<b>\$935,436</b>	<b>\$5,467,847</b>

(a) Differences to testimony tables and attachments due to rounding.

(b) Includes estimated benefit burden determined in 2017 GRC for illustration purposes and shall be adjusted accordingly when the benefit burden is approved in future GRCs applicable to the year.

(c) Does not include \$46,549 of Revenue Fees & Uncollectibles. See Table 2, line 3.

### **A. Reasons for Required Relief**

Detailed rationale for PG&E's 2021-2026 Low Income Application proposals is in accompanying testimony and supporting documentation. Most proposed spending increases relate to the ESA program refresh, continuation of the CARE and FERA discounts, and related marketing and outreach costs.

PG&E requests the Commission approve the proposed revenue requirement for the ESA, CARE, and FERA programs, and approve cost recovery accounts and rate design appropriate to recover the revenue requirement in rates. Further detail of these proposals is in Chapters I, II, and IV of PG&E's Prepared Testimony.

### **B. Total Revenue Requirement**

Pursuant to Section 739.1, PG&E is authorized to record all reasonable administrative costs associated with the implementation of the CARE Program. The total amount collected through CARE rates is equal to the sum of forecasted CARE discounts,<sup>23</sup> forecasted CARE administrative costs, and end-of-year forecasted balances in the CARE balancing accounts. CARE rates are equal to the CARE electric revenues and gas surcharges allocated to each applicable customer class divided by each customer class's adopted sales forecast.

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<sup>23</sup> The electric and gas CARE discount is updated annually through PG&E's Annual Electric True-up and Gas PPP Surcharge advice filings, respectively. The illustrative CARE discount is provided in this filing for completeness. The FERA discount is updated annually through PG&E's Annual Electric True-up. The illustrative CARE and FERA discounts are provided in this filing for completeness. The total revenue requirement without the CARE or FERA discount is approximately \$1.2 billion.

Table 2  
PACIFIC GAS AND ELECTRIC COMPANY GAS AND ELECTRIC REVENUE REQUIREMENTS FOR 2021-2026  
( \$ THOUSANDS)

Line No.	Description	2021	2022	2023	2024	2025	2026	Total
1	Electric Program Revenue Requirement	\$661,286	\$663,874	\$682,353	\$688,298	\$694,487	\$701,019	\$4,091,316
2	Electric Benefits Revenue Requirement (a)	1,712	1,712	1,712	1,712	1,712	1,712	10,274
3	Revenue Fees and Uncollectibles (RF&U) (b)	7,524	7,554	7,763	7,831	7,901	7,975	46,549
4	Electric Revenue Requirement	\$670,522	\$673,140	\$691,829	\$697,841	\$704,101	\$710,706	\$4,148,139
5	Gas Revenue Requirement	\$220,063	\$217,921	\$229,457	\$230,102	\$230,756	\$231,654	\$1,359,952
6	Gas Benefits Revenue Requirement (a)	1,051	1,051	1,051	1,051	1,051	1,051	6,305
7	Gas Revenue Requirement	\$221,114	\$218,972	\$230,507	\$231,152	\$231,807	\$232,705	\$1,366,257
8	Total Program Revenue Requirement (c)	\$891,636	\$892,111	\$922,336	\$928,994	\$935,908	\$943,411	\$5,514,396

(a) Uses the 2019 benefit burdens pursuant to the 2017 General Rate Case (GRC) Decision (D.17-05-013) allocated between electric and gas for 2021-2026 for illustration purposes. The revenue requirement shall be adjusted accordingly with the benefit burden approved in future GRCs applicable to the year.

(b) Uses the 2019 electric expense RF&U factor of 0.011349 pursuant to the 2017 GRC Decision (D.17-05-013) and approved approved via Advice Letter 4020-G/5389-E for 2021-2026 for illustration purposes. The revenue requirement shall be adjusted accordingly with the RF&U factor approved in future GRCs applicable to the year.

(c) The electric and gas CARE discount is updated annually through PG&E's Annual Electric True-up and Gas PPP Surcharge advice filings, respectively. The FERA discount is updated annually through PG&E's Annual Electric True-up. The illustrative CARE and FERA discounts are provided in this filing for completeness. The total revenue requirement without the CARE or FERA discount is approximately \$1.2 billion.

PG&E will incorporate the annual electric revenue requirement authorized in this proceeding into electric rates in the Annual Electric True-up with other rate changes effective January 1 of each year in the program forecast period, or as soon thereafter as possible. Any required electric rate change resulting from this proceeding will be implemented in accordance with the then-current adopted revenue allocation and rate design methods adopted for the ESA Program revenue component of electric public purpose program (PPP) rates.

PG&E will incorporate the gas funding requirement authorized in this proceeding into gas rates in its annual gas PPP surcharge advice letter and Annual Gas True-Up (AGT) filings with other rate changes effective January 1 of each year in the program forecast period. Similarly, any gas revenue change will be allocated among customer classes consistent with then-current adopted practices. If a decision is not issued in time to incorporate the proposed revenue requirement in PPP surcharge rates by January 1, 2021, PG&E will incorporate changes adopted in this proceeding in the following years PPP surcharge advice letter<sup>24</sup>.

### **C. Electric and Gas Split**

For 2021-2026, PG&E proposes to assign 53 percent of the ESA Program expenses to electric customers and 47 percent to gas customers.

PG&E proposes to continue the currently adopted method for allocating CARE Program expenses between gas and electric customers. Consistent with D.89-07-062, PG&E currently allocates the CARE Program costs between electric and gas in proportion to the discounts received by CARE customers.<sup>25</sup> For 2021-2026, PG&E proposes to assign 80 percent of the CARE Program expenses to electric customers and 20 percent to gas customers.

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<sup>24</sup> D.04-08-010 permits utilities to request a change in gas PPP surcharge rates during the year only if failure to make the rate change would result in a forecasted total rate increase of 10% or more on January 1 of the next year.

<sup>25</sup> D.89-07-062, p. 38.

#### **IV. EXHIBITS, PREPARED TESTIMONY, TABLES**

The testimony exhibits supporting this application consist of chapters setting forth the testimony of witnesses knowledgeable about the subject matter of their testimony. The witnesses present PG&E's principles and policies for managing PG&E's primary three low-income programs. These witnesses also provide factual support for the budget costs in their areas of responsibility. Each testimony chapter responds to the Guidance Document as written, unless stated otherwise.

PG&E's Exhibit for Prepared Testimony addresses these topics:

Chapter 0 – Introduction<sup>26</sup>

Chapter I – ESA Program Plan and Budget

Chapter II – CARE Program Plan and Budget<sup>27</sup>

Chapter III- Conclusion

Chapter IV- Required Excel attachments

#### **V. OTHER MATTERS RELATED TO PG&E'S LOW-INCOME APPLICATION**

These matters are discussed in PG&E's Prepared Testimony, attachments, and appendices.

##### **A. Advice Letters and Regulatory Reports**

PG&E requests flexibility to make program adjustments (including fund shifting and measure modifications) during the 2021-2026 program cycle via advice letters and regulatory reports.<sup>28</sup> This will permit a process for addressing revisions that may be warranted to PG&E's low-income programs prior to the next program cycle.

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<sup>26</sup> The Introduction is labelled Chapter "0" in order to have the following chapters correspond to the numbering in the Guidance Document.

<sup>27</sup> Includes FERA Program Plan and Budget.

<sup>28</sup> See Prepared Testimony, Chapter I, pp. I-212 – I-213.

## **B. ESA Fund Shifting**

PG&E requests the Commission approve modifications to ESA fund shifting rules to align with CARE fund shifting rules authorized in D.06-12-038 and to allow for greater program flexibility.<sup>29</sup> In CARE, investor-owned utilities are allowed flexibility to shift funds between categories. Any ESA fund shifts between categories could be reported in the Low Income monthly and annual reports.

## **C. FERA Program Compliance Target**

PG&E proposes to include the FERA Program compliance target in its Income Qualified programs cycle application and remove it from its General Rate Case (GRC).<sup>30</sup> To create administrative efficiencies moving forward and prevent issues regarding one program being litigated in multiple proceedings, PG&E requests justification for FERA program funding be included in the Low-Income program cycle applications for 2021 – 2026 and beyond.

## **D. FERA Balancing Account**

FERA, Electric Preliminary Statement Part DX, records the revenue shortfalls and program administrative costs for FERA. Disposition of the balance in this account for implementation into distribution rates is determined through the AET advice letter process or as otherwise determined by the Commission. See Attachment 2 for a redline copy of the Preliminary Statement.<sup>31</sup>

## **E. Proposals for Implementing Proposed Revenue Changes at the Beginning of the Test Year.**

Proposals for implementing electric and gas revenue changes on January 1, 2021, are set forth in Prepared Testimony Chapter I, Section F (ESA)<sup>32</sup> and Chapter II, Sections H and I (FERA/CARE),<sup>33</sup> and the tables/attachments/appendices supporting those chapters.

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<sup>29</sup> See Prepared Testimony, Chapter I, pp. I-124, I-126 – I-131.

<sup>30</sup> See Prepared Testimony, Ch. II, pp-II-64 – II-65.

<sup>31</sup> See Prepared Testimony, Ch. II, p. II-66.

<sup>32</sup> See Prepared Testimony, Ch. I, pp. I-213 – I-222.

<sup>33</sup> See Prepared Testimony, Ch. II, pp. II-83 – II-95.

## **VI. COMPLIANCE WITH THE COMMISSION'S RULES OF PRACTICE AND PROCEDURE**

### **A. Statutory Authority (Rule 2.1).**

PG&E files this Application pursuant to Public Utilities Code Sections 451, 454, 728, 729, 740.4, and 795, the Commission's Rules of Practice and Procedure (Rules), prior decisions, orders, and resolutions of the Commission.

### **B. Legal Name of Applicant and Related Information (Rule 2.1(a))**

The legal name of the Applicant is Pacific Gas and Electric Company is and has been since October 10, 1905. It is organized under the laws of the state of California, and its principal place of business is San Francisco, California. Its post office address is Post Office Box 7442, San Francisco, California 94120.

### **C. Correspondence and Communications (Rule 2.1(b))**

All correspondence and communications regarding this application should be addressed to, Jennifer C. Reyes Lagunero and Chris McRoberts at the address listed below:

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### **D. Categorization - Rule 2.1(c).**

PG&E proposes this Application be categorized as a "ratesetting" proceeding within the meaning of Rule 1.3(f) of the Commission's Rules of Practice and Procedure.



**E. Need for Hearing - Rule 2.1(c).**

PG&E believes that no hearings will be required on the issues presented. However, in the event hearings will be required, PG&E's proposed schedule in subsection H incorporates hearing/workshop dates.

**F. Issues to be Considered - Rule 2.1(c).**

The principal issues to be considered are whether:

1. PG&E's proposed budget for its ESA program for 2021 through 2026 is just and reasonable and the Commission should authorize PG&E to reflect the adopted gas and electric revenue requirements in rates.
2. PG&E's proposed budget for its CARE program for 2021 through 2026 is just and reasonable and the Commission should authorize PG&E to reflect the adopted gas and electric revenue requirements in rates.
3. PG&E's proposed budget for its FERA program for 2021 through 2026 is just and reasonable and the Commission should authorize PG&E to reflect the adopted electric revenue requirements in rates.
4. PG&E should be granted flexibility to make program adjustments (including fund shifting and measure modifications) during the 2021-2026 program cycle via advice letters and regulatory reports.
5. An ESA-CARE Study Working Group should be established to scope and approve specific ESA and CARE studies.
6. The term for the investor-owned utilities' Low-Income Oversight Board member should increase to two years from one year.
7. Regarding the ESA program described in PG&E's Prepared Testimony, Ch. I:
  - a. PG&E's ESA Plus program design for 2021-2026 is just and reasonable and should be established;
  - b. Requirement that low-income customers be enrolled in CARE to qualify for ESA should be established;

- c.** Automatic eligibility of CARE self-certification customers to receive installation of simple measures through PG&E's proposed Basic level of ESA program delivery should be established;
- d.** The prioritization of CARE enrolled customers who have not participated in ESA previously and customers in the five identified need states: 1) high energy users, 2) previously disconnected for non-payment of services, 3) medical baseline, 4) rural, tribal and disadvantaged communities, and 5) wildfire threat zones is warranted;
- e.** An ESA Working Group should be established to, among other things, update the Statewide ESA Practice & Procedure Manual, discuss a process for mid-cycle measure adjustments.
- f.** The Annual Report Public Meeting should be replaced with an ESA Working Group Public Meeting every two years to discuss lessons learned and potential program adjustments;
- g.** PG&E's ESA Multi-family Whole Building (MFWB) program solicitation to select a third party to design and implement the program using an approach based on Energy Efficiency's third-party solicitation process is just and reasonable;
- h.** ESA fund shifting between categories should be aligned and established to CARE fund shifting rules in D.06-12-038. These ESA fund shifts should be reported in the low-income monthly and annual reports;
- i.** A 25 percent ESA Program uncommitted unspent funds cap for carry-over is just and reasonable;
- j.** Electric and gas expenditure tracking at the portfolio level rather than the individual measure should be established;
- k.** Use of the Resource Test should be removed;

- l.** The requirement that a household have six occupants to qualify for a second refrigerator should be removed;
  - m.** The age criteria for a refrigerator to qualify for replacement should be changed from pre-2001 to a rolling date of 14 years;
  - n.** Measure caps for LED A-lamps should be established;
  - o.** Additional measures based on customer needs states are just and reasonable;
  - p.** The Virtual Energy Coach Pilot, to evaluate the impact of personalized communications on customer behavior, and the Long-Term CARE Customer Pilot to encourage ESA participation for customers on CARE for more than 10 years continuously should be established;
  - q.** PG&E's proposed Marketing and Outreach Plans and corresponding budget request for PG&E's new ESA program is just and reasonable and should be authorized.
- 8.** Regarding the CARE program described in PG&E's Prepared Testimony, Ch. II:
- a.** The annual CARE eligibility filing should be changed from December 31 to February 12 each year;
  - b.** Funding for CHANGES should continue from the CARE balancing account at the same funding level of \$1.75 million annually or from another funding source;
  - c.** The CARE expansion program certification should be extended to four years;
  - d.** The CARE capitation fee should be increased to \$30;
  - e.** CARE Marketing and Outreach strategies should be continued;
  - f.** New CARE Marketing and Outreach strategies to target CARE-eligible customers is just and reasonable and should be established.
- 9.** Regarding the FERA program described in PG&E's Prepared Testimony,

Ch. II, Section H:

- a. For efficiency, the FERA program should be moved entirely into the low-income proceeding for efficiency;
- b. Community-Based Organization compensation for FERA enrollments is just and reasonable and should be reimbursed;
- c. The FERA Annual Report should be combined with the ESA and CARE Annual Report to increase efficiencies;
- d. FERA Marketing and Outreach strategies to continue co-promotion of CARE and FERA should continue;
- e. PG&E's new marketing and outreach strategies for FERA-specific outreach to increase program awareness and enrollment is just and reasonable and should be established;
- f. The FERA balancing account should include costs for marketing and outreach.

**G. Relevant Safety Considerations – Rule 2.1 (c).**

In D.16-01-017, the Commission adopted an amendment to Rule 2.1(c) requiring utilities' applications to clearly state the relevant safety considerations.<sup>34</sup> For the ESA program, PG&E has considered safety in connection with this application. PG&E addresses the health, safety, and comfort of its income-qualified customers and workforce education and training of its ESA contractors and employees in Chapter I of its testimony. Because the CARE and FERA programs are primarily for the administration and delivery of a discount, PG&E believes that safety considerations are not directed implicated by this application.

**H. Proposed Schedule- Rule 2.1(c)**

PG&E does not believe hearings are required in this application. However, if hearings are required, PG&E proposes the following schedule:

---

<sup>34</sup> D.16-01-017, OP 1.

<b>Date</b>	<b>Activity</b>
November 4, 2019	Application filed
December 6, 2019	Protests to Application
December 16, 2019	Replies to Protests
January 2020	Prehearing Conference (PHC), PHC Statements, and Scoping Memo
March 6, 2020	Intervenor Testimony/Deadline to file motion for evidentiary hearings
April 3, 2020	Rebuttal Testimony
April 27, 2020	Hearings and/or Workshops (if needed) & Discovery Cutoff
May 22, 2020	Opening Briefs
June 15, 2020	Reply Briefs
July 27, 2020	Proposed Decision (PD)
August 17, 2020	Comments on PD
August 24, 2020	Reply to PD Comments
September 2020	Final Decision

#### **I. Articles of Incorporation (Rule 2.2)**

PG&E is, and since October 10, 1905, has been, an operating public utility corporation organized under California law. It is engaged principally in the business of furnishing electric and gas services in California. A certified copy of PG&E's Restated Articles of Incorporation, effective April 12, 2004, was filed with the Commission on May 3, 2004 with PG&E's Application 04-05-005. These articles are incorporated herein by reference.

#### **J. Balance Sheet and Income Statement (Rule 3.2(a)(1))**

PG&E's most recent balance sheet and income statement were filed on September 13, 2019 in Application 19-09-012 and are incorporated by reference herein.

**K. Statement of Presently Effective Rates (Rule 3.2(a)(2)) and Proposed Rates (Rule 3.2(a)(3))**

PG&E's presently effective electric rates were filed on September 13, 2019 in Application 19-09-012 and are incorporated by reference herein. PG&E's presently effective rates and charges for gas service are contained in Attachment 3. The revenue changes proposed in this application from present revenues is less than one percent. Therefore, pursuant to Rule 3.2(a)(3), changes by rate classification are not required. The percentage of increase in revenue is less than one percent.

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

A summary of recorded year 2018 revenues, expenses, rate bases and rate of return for PG&E's Electric and Gas Departments was filed with the Commission on April 22, 2019, as Exhibit 4 of Application 19-04-015, and is incorporated by reference herein.

**M. Type of Rate Change Requested- Rule 3.2(a)(10)**

This proposed rate change reflects changes in PG&E's base revenues to reflect the costs PG&E incurs to operate and maintain its primary income-qualified programs to enable PG&E to provide service to its customers.

**N. Notice and Service of Application (Rules 3.2(b)-(d))**

Within 20 days after filing this application, PG&E will serve notices, which generally state the proposed revenues, rate changes, and ratemaking mechanisms requested in this application, to the parties in Attachment 4 including the State of California and cities and counties served by PG&E. In addition, PG&E will include notices with the regular bills mailed to customers affected by the proposed increases.

PG&E will also publish in newspapers notice of the proposed increase in rates in compliance with Rule 3.2(c) of the Commission's Rules of Practice and Procedure. PG&E will serve a copy of this application and all attachments via e-mail on all parties of record in PG&E's 2015 Low Income Application (A.14-11-007).

**O. Exhibit List and State of Readiness**

PG&E is ready to proceed with this case based on the testimony of witnesses regarding the facts and data contained in the accompanying exhibits in support of the revenue request set forth in this application.

**VII. REQUEST FOR COMMISSION ORDERS**

PG&E requests that the Commission issue appropriate orders regarding the proposals contained in the testimony, attachments, and appendices, of PG&E's Low-Income Application:

1. Finding that PG&E's proposed budget for ESA program for 2021 through 2026 is just and reasonable and the Commission should authorize PG&E to reflect the adopted gas and electric revenue requirements in rates.
2. Finding that PG&E's proposed budget for CARE program for 2021 through 2026 is just and reasonable and the Commission should authorize PG&E to reflect the adopted gas and electric revenue requirements in rates.
3. Finding that PG&E's proposed budget for FERA program for 2021 through 2026 is just and reasonable and the Commission should authorize PG&E to reflect the adopted electric revenue requirements in rates.
4. Finding that PG&E should be granted flexibility to make program adjustments (including fund shifting and measure modifications) during the 2021-2026 program cycle via advice letters and regulatory reports.
5. Finding that an ESA-CARE Study Working Group should be established to scope and approve specific ESA and CARE studies.
6. Finding that the term for the investor-owned utilities' Low-Income Oversight Board member should increase to two years from one year.
7. Regarding the ESA program described in PG&E's Prepared Testimony, Ch. I, finding that:
  - a. PG&E's ESA Plus program design for 2021-2026 is just and reasonable should be established;

- b. Requirement that low-income customers be enrolled in CARE to qualify for ESA should be established;
- c. Automatic eligibility of CARE self-certification customers to receive installation of simple measures only through PG&E's proposed Basic level of ESA program delivery should be established;
- d. The prioritization of CARE enrolled customers who have not participated in ESA previously and customers in the five identified need states: 1) high energy users, 2) previously disconnected for non-payment of services, 3) medical baseline, 4) rural, tribal and disadvantaged communities, and 5) wildfire threat zones is warranted;
- e. An ESA Working Group should be established to, among other things, update the Statewide ESA Practice & Procedure Manual, discuss a process for mid-cycle measure adjustments.
- f. The Annual Report Public Meeting should be replaced with an ESA Working Group Public Meeting every two years to discuss lessons learned and potential program adjustments;
- g. PG&E's ESA Multi-family Whole Building (MFWB) program solicitation to select a third party to design and implement the program using an approach based on Energy Efficiency's third-party solicitation process is just and reasonable;
- h. ESA fund shifting between categories should be aligned and established to CARE fund shifting rules in D.06-12-038. These ESA fund shifts should be reported in the low-income monthly and annual reports;
- i. A 25 percent ESA Program uncommitted unspent funds cap for carry-over is just and reasonable;
- j. Electric and gas expenditure tracking at the portfolio level rather than the individual measure should be established;



- k. Use of the Resource Test should be removed;
  - l. The requirement that a household have six occupants to qualify for a second refrigerator should be removed;
  - m. The age criteria for a refrigerator to qualify for replacement should be changed from pre-2001 to a rolling date of 14 years;
  - n. Measure caps for LED A-lamps should be established;
  - o. Additional measures based on customer needs states are just and reasonable;
  - p. The Virtual Energy Coach Pilot, to evaluate the impact of personalized communications on customer behavior, and the Long-Term CARE Customer Pilot to encourage ESA participation for customers on CARE for more than 10 years continuously should be established;
  - q. PG&E's proposed Marketing and Outreach Plans and corresponding budget request for PG&E's new ESA program is just and reasonable and should be authorized.
8. Regarding the CARE program described in PG&E's Prepared Testimony, Ch. II, finding that:
- a. The annual CARE eligibility filing should be changed from December 31 to February 12 each year;
  - b. Funding for CHANGES should continue from the CARE balancing account at the same funding level of \$1.75 million annually or from another funding source;
  - c. The CARE expansion program certification should be extended to four years;
  - d. The CARE capitation fee should be increased to \$30;
  - e. PG&E's new marketing and outreach strategies for FERA-specific

outreach to increase program awareness and enrollment is just and reasonable and should be established;

- f. The FERA balancing account should include costs for marketing and outreach.

9. Regarding the FERA program described in PG&E's Prepared Testimony, Ch. II, Section H, finding that:

- a. For efficiency, the FERA program should be moved entirely into the low-income proceeding;
- b. Community-Based Organization compensation for FERA enrollments is just and reasonable and should be reimbursed;
- c. The FERA Annual Report should be combined with the ESA and CARE Annual Report to increase efficiencies;
- d. FERA Marketing and Outreach strategies to continue co-promotion of CARE and FERA should continue;
- e. PG&E's new marketing and outreach strategies for FERA-specific outreach to increase program awareness and enrollment is just and reasonable and should be established;
- f. The FERA balancing account should include costs for marketing and outreach.

10. Establishing a schedule for the remainder of this proceeding and issuing other orders that will authorize requested relief to become effective no later than December 31, 2020.

11. Granting such additional relief as the Commission may deem just and proper.

Respectfully Submitted,

JENNIFER C. REYES LAGUNERO

By: /s/ Jennifer Reyes Lagunero  
JENNIFER C. REYES LAGUNERO

Pacific Gas and Electric Company  
77 Beale Street  
San Francisco, CA 94105  
Telephone: (415) 973-2361  
Facsimile: (415) 973-0516  
E-Mail: Jennifer.ReyesLagunero@pge.com

Attorney for  
PACIFIC GAS AND ELECTRIC COMPANY

Dated: November 4, 2019

**VERIFICATION**

I, the undersigned, state:

I am an officer of PACIFIC GAS AND ELECTRIC COMPANY, a California corporation, and am authorized to make this verification for and on behalf of said corporation, and I make this verification for that reason. I have read the foregoing pleading and I am informed and believe the matters therein are true and on that ground I allege that the matters stated therein are true.

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

Executed at San Francisco, California this 1<sup>st</sup> day of  
November 2019.

/s/ Laurie M. Giammona

LAURIE M. GIAMMONA

PACIFIC GAS AND ELECTRIC  
COMPANY

# ATTACHMENT 1

	A	B	C	D	E	F	G	H
1	<b>PY 2021-2026 Energy Savings Assistance Program Table A-1, Proposed Electric &amp; Gas Budget<sup>1</sup></b>							
2	<b>Pacific Gas &amp; Electric</b>							
3								
4		<b>PY2020 Authorized</b>	<b>PY 2021 Proposed</b>	<b>PY 2022 Proposed</b>	<b>PY 2023 Proposed</b>	<b>PY 2024 Proposed</b>	<b>PY 2025 Proposed</b>	<b>PY 2026 Proposed</b>
5								
6	<b>Energy Savings Assistance Program</b>							
7	Energy Efficiency							
8	Appliances	\$10,075,310	\$12,345,870	\$11,868,970	\$12,848,940	\$11,780,250	\$11,465,640	\$11,157,320
9	Domestic Hot Water	\$8,727,343	\$8,600,720	\$8,035,740	\$9,159,530	\$8,473,600	\$8,322,210	\$8,172,900
10	Enclosure	\$37,599,321	\$26,491,870	\$27,475,740	\$30,354,230	\$28,307,740	\$27,922,710	\$27,555,110
11	HVAC	\$46,719,532	\$22,505,650	\$20,702,440	\$23,929,860	\$22,073,570	\$21,622,850	\$21,166,240
12	Maintenance	\$0	\$0	\$0	\$0	\$0	\$0	\$0
13	Lighting	\$34,380,071	\$24,304,110	\$6,448,700	\$6,687,540	\$6,212,650	\$6,124,750	\$6,040,310
14	Miscellaneous	\$2,362,009	\$855,110	\$14,526,890	\$15,036,190	\$13,814,330	\$13,465,950	\$13,131,220
15	Customer Enrollment	\$20,967,922	\$20,234,150	\$19,627,500	\$20,432,310	\$19,077,910	\$18,931,690	\$18,787,020
16	In Home Education	\$4,833,608	\$6,310,890	\$5,834,010	\$6,161,500	\$5,717,450	\$5,670,020	\$5,654,570
17	Pilot	\$100,000	\$325,000	\$325,000	\$405,000	\$520,000	\$0	\$0
18	Implementation	\$6,774,365	\$4,555,850	\$5,796,000	\$5,903,180	\$5,359,960	\$5,172,220	\$4,991,030
19	<b>Energy Efficiency Total</b>	<b>\$172,539,482</b>	<b>\$126,529,220</b>	<b>\$120,640,990</b>	<b>\$130,918,280</b>	<b>\$121,337,460</b>	<b>\$118,698,040</b>	<b>\$116,655,720</b>
20	Multifamily							
21	In-unit		N/A [1]		\$21,460,300	\$23,505,520	\$24,210,680	\$24,937,000
22	SPOC		\$306,770	\$245,420	\$400,000	\$412,000	\$424,360	\$437,090
23	CAM		\$24,350,000	\$24,350,000	\$15,400,000	\$23,100,000	\$23,793,000	\$24,506,790
24	CSD LIMP		\$1,247,740	\$1,285,180	\$1,323,730	\$1,363,440	\$1,404,350	\$1,446,480
25	Administrator fee		\$4,230,000	\$4,230,000	\$3,858,400	\$3,386,670	\$3,488,270	\$3,592,920
26	<b>Multifamily Total</b>	<b>\$0</b>	<b>\$30,134,510</b>	<b>\$30,110,600</b>	<b>\$42,442,430</b>	<b>\$51,767,630</b>	<b>\$53,320,660</b>	<b>\$54,920,280</b>
27	Training Center [2]							
28	Workforce Education and Training	\$1,105,878	\$881,250	\$661,250	\$496,250	\$496,250	\$496,250	\$496,250
29	Inspections [2]	\$0	\$0	\$0	\$0	\$0	\$0	\$0
30	Marketing and Outreach [2] [3]	\$4,253,055	\$3,642,110	\$3,376,970	\$4,557,100	\$4,470,600	\$4,485,190	\$4,500,930
31	Statewide Marketing and Outreach	\$2,285,306	\$2,797,960	\$2,650,700	\$2,268,260	\$2,019,330	\$2,150,970	\$2,083,590
32	Studies	\$95,000	\$0	\$0	\$0	\$0	\$0	\$0
33	Regulatory Compliance [2]	\$527,095	\$147,500	\$225,000	\$292,500	\$315,000	\$117,500	\$125,000
34	General Administration [2]	\$6,109,539	\$8,709,110	\$8,996,930	\$8,300,780	\$714,590	\$944,740	\$973,080
35	CPUC Energy Division	\$58,322	\$69,870	\$71,970	\$74,130	\$8,291,170	\$8,488,510	\$8,704,210
36	<b>Subtotal (row 21-29)</b>	<b>\$14,434,195</b>	<b>\$16,901,750</b>	<b>\$16,656,390</b>	<b>\$16,682,800</b>	<b>\$16,383,290</b>	<b>\$16,761,800</b>	<b>\$16,964,060</b>
37								
38								
39	<b>TOTAL PROGRAM COSTS</b>	<b>\$186,973,677</b>	<b>\$173,565,480</b>	<b>\$167,407,980</b>	<b>\$190,043,510</b>	<b>\$189,488,380</b>	<b>\$188,780,500</b>	<b>\$188,540,060</b>
40	Funded Outside of ESA Program Budget							
41	Indirect Costs							
42								
43	NGAT Costs	\$7,520,661	\$5,779,599	\$5,403,686	\$7,198,393	\$7,065,966	\$7,088,304	\$7,112,399
44								
45								
46	Notes:							
47	[1] Multi-family in-unit measure counts are included in the energy efficiency measure counts for 2021 and 2022.							
48	[2] 2020 authorized and 2021-2026 proposed program administrative budget include estimated annual employee benefit burden of approximately \$1.85 million.							
49	[3] 2021-2026 proposed Marketing and Outreach budget includes \$1.56 million in costs associated with the load disaggregation report.							

A		B	C	D	E	F	G	H
1	PY 2021-2026 Energy Savings Assistance Program Table A-1a, Proposed Electric & Gas Budget (Multifamily only) [1]							
2	Pacific Gas & Electric							
3								
4	[1] Intentionally left blank - Multi-family budgets for PY 2021-26 provided in Table A-1							
5								
6								
7								
8	Energy Savings Assistance Program							
9	Energy Efficiency							
10	Appliances							
11	Domestic Hot Water							
12	Enclosure							
13	HVAC							
14	Maintenance							
15	Lighting							
16	Miscellaneous							
17	Customer Enrollment							
18	In Home Education							
19	Pilot							
20	Energy Efficiency Total							
21								
22	Training Center							
23	Workforce Education and Training							
24	Inspections							
25	Marketing and Outreach							
26	Statewide Marketing and Outreach							
27	Studies							
28	Regulatory Compliance							
29	General Administration							
30	CPUC Energy Division							
31								
32	TOTAL PROGRAM COSTS							
33	Common Area Cost Allocation							
34	In Unit Cost Allocation							
35	Communal Area/Shared System Cost Allocation							
36	Funded Outside of ESA Program Budget							
37	Indirect Costs							
38								
39	NGAT Costs							

	A	B	C	D	E	F	G	H
1	<b>PY 2021-2026 Energy Savings Assistance Program Table A-2, Proposed Electric Budget</b>							
2	<b>Pacific Gas &amp; Electric</b>							
3								
4								
5								
6	<b>Energy Savings Assistance Program</b>							
7	Energy Efficiency							
8	Appliances	\$10,075,310	\$12,345,870	\$11,868,970	\$12,848,940	\$11,780,250	\$11,465,640	\$11,157,320
9	Domestic Hot Water	\$571,650	\$1,445,650	\$1,293,450	\$1,539,000	\$1,420,330	\$1,391,290	\$1,361,580
10	Enclosure	\$6,767,878	\$264,920	\$274,760	\$303,540	\$283,080	\$279,230	\$275,550
11	HVAC	\$43,048,274	\$14,582,320	\$13,140,790	\$14,700,050	\$13,546,660	\$13,254,580	\$12,958,550
12	Maintenance	\$0	\$0	\$0	\$0	\$0	\$0	\$0
13	Lighting	\$34,380,071	\$24,304,110	\$6,448,700	\$6,687,540	\$6,124,650	\$6,124,750	\$6,040,310
14	Miscellaneous	\$2,362,009	\$855,110	\$14,526,890	\$15,036,190	\$13,814,330	\$13,465,950	\$13,131,220
15	Customer Enrollment	\$14,572,706	\$10,724,100	\$10,402,580	\$10,829,120	\$10,111,290	\$10,033,790	\$9,957,120
16	In Home Education	\$3,359,358	\$3,344,770	\$3,092,020	\$3,265,600	\$3,030,250	\$3,005,110	\$2,996,920
17	Pilot	\$100,000	\$171,950	\$171,950	\$275,120	\$0	\$0	\$0
18	Implementation	\$4,708,184	\$2,410,400	\$3,066,540	\$3,123,250	\$2,835,840	\$2,736,510	\$2,640,650
19	<b>Energy Efficiency Total</b>	<b>\$119,945,440</b>	<b>\$70,449,200</b>	<b>\$64,286,650</b>	<b>\$68,547,510</b>	<b>\$63,309,800</b>	<b>\$61,756,850</b>	<b>\$60,519,220</b>
20	Multifamily							
21	In-unit		N/A [1]	N/A [1]	\$11,373,959	\$12,457,926	\$12,831,660	\$13,216,610
22	SPOC		\$162,588	\$130,073	\$212,000	\$218,360	\$224,911	\$231,658
23	CAM		\$12,905,500	\$12,905,500	\$8,162,000	\$12,243,000	\$12,610,290	\$12,988,599
24	CSD LIWP		\$661,302	\$681,145	\$701,577	\$722,623	\$744,306	\$766,634
25	Administrator fee		\$2,241,900	\$2,241,900	\$2,044,952	\$1,794,935	\$1,848,783	\$1,904,248
26	<b>Multifamily Total</b>	<b>\$0</b>	<b>\$15,971,290</b>	<b>\$15,958,618</b>	<b>\$22,494,488</b>	<b>\$27,436,844</b>	<b>\$28,259,950</b>	<b>\$29,107,748</b>
27								
28	Training Center [2]	\$758,687	\$467,063	\$350,463	\$263,013	\$263,013	\$263,013	\$263,013
29	Workforce Education and Training		\$0	\$0	\$0	\$0	\$0	\$0
30	Inspections [2]	\$2,792,519	\$1,930,318	\$1,789,794	\$2,415,263	\$2,369,418	\$2,377,151	\$2,385,493
31	Marketing and Outreach [2] [3]	\$1,570,119	\$1,482,919	\$1,404,871	\$1,202,178	\$1,070,245	\$1,140,014	\$1,104,303
32	Statewide Marketing and Outreach		\$0	\$0	\$0	\$0	\$0	\$0
33	Studies	\$66,025	\$78,175	\$119,250	\$155,025	\$166,950	\$62,275	\$66,250
34	Regulatory Compliance [2]	\$349,423	\$346,594	\$356,992	\$367,703	\$378,733	\$500,712	\$515,732
35	General Administration [2]	\$4,130,671	\$4,615,828	\$4,768,373	\$4,399,413	\$4,394,320	\$4,498,910	\$4,613,231
36	CPUC Energy Division	\$40,534	\$37,031	\$38,144	\$39,289	\$40,466	\$41,679	\$42,930
37	<b>Subtotal</b>	<b>\$9,707,979</b>	<b>\$8,957,928</b>	<b>\$8,827,887</b>	<b>\$8,841,884</b>	<b>\$8,683,144</b>	<b>\$8,883,754</b>	<b>\$8,990,952</b>
38								
39	<b>TOTAL PROGRAM COSTS</b>	<b>\$129,653,419</b>	<b>\$95,378,418</b>	<b>\$89,073,155</b>	<b>\$99,883,882</b>	<b>\$99,429,788</b>	<b>\$98,900,554</b>	<b>\$98,617,920</b>
40								
41	Indirect Costs							
42								
43	NGAT Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0
44								
45	Notes:							
46	[1] Multi-family in-unit measure counts are included in the energy efficiency measure counts for 2021 and 2022							
47	[2] 2020 authorized and 2021-2026 proposed program administrative budget include estimated annual employee benefit burden of approximately \$1.85 millior							
48	[3] 2021-2026 proposed Marketing and Outreach budget includes \$1.56 million in costs associated with the load disaggregation report							



A		B	C	D	E	F	G	H
1 PY 2021-2026 Energy Savings Assistance Program Table A-2a, Proposed Electric Budget (Multifamily only) [1]								
2 Pacific Gas & Electric								
3								
4 [1] Intentionally left blank - Multi-family electric budget for PY 2021-26 provided in Table A-2								
5								
6								
7								
8 Energy Savings Assistance Program								
9 Energy Efficiency								
10 Appliances								
11 Domestic Hot Water								
12 Enclosure								
13 HVAC								
14 Maintenance								
15 Lighting								
16 Miscellaneous								
17 Customer Enrollment								
18 In Home Education								
19 Pilot								
20 Energy Efficiency Total								
21								
22 Training Center								
23 Workforce Education and Training								
24 Inspections								
25 Marketing and Outreach								
26 Statewide Marketing Education and Outreach								
27 Studies								
28 Regulatory Compliance								
29 General Administration								
30 CPUC Energy Division								
31								
32 TOTAL PROGRAM COSTS								
33 Common Area Cost Allocation								
34 In Unit Cost Allocation								
35 Communal Area/Shared System Cost Allocation								
36								
37 Indirect Costs								
38								
39 NGAT Costs								

		A	B	C	D	E	F	G	H
1	<b>PY 2021-2026 Energy Savings Assistance Program Table A-3, Proposed Gas Budget</b>								
2	<b>Pacific Gas &amp; Electric</b>								
3									
4									
5									
6	<b>Energy Savings Assistance Program</b>								
7	Energy Efficiency								
8	Appliances	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9	Domestic Hot Water	\$8,155,693	\$7,155,060	\$6,742,290	\$7,620,530	\$7,053,260	\$6,930,920	\$6,811,320	\$6,811,320
10	Enclosure	\$30,831,443	\$26,228,950	\$27,200,980	\$30,050,680	\$28,024,660	\$27,643,480	\$27,279,550	\$27,279,550
11	HVAC	\$3,671,259	\$7,923,320	\$7,561,650	\$9,229,810	\$8,526,910	\$8,368,270	\$8,207,690	\$8,207,690
12	Maintenance	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
13	Lighting	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
14	Miscellaneous	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
15	Customer Enrollment	\$6,395,216	\$9,510,050	\$9,224,930	\$9,603,180	\$8,966,620	\$8,897,890	\$8,829,900	\$8,829,900
16	In Home Education	\$1,474,250	\$2,966,120	\$2,741,980	\$2,895,910	\$2,687,200	\$2,664,910	\$2,657,650	\$2,657,650
17	Pilot	\$0	\$153,050	\$153,050	\$190,720	\$244,880	\$0	\$0	\$0
18	Implementation	\$2,066,181	\$2,145,440	\$2,729,460	\$2,779,930	\$2,524,110	\$2,435,700	\$2,350,380	\$2,350,380
19	<b>Energy Efficiency Total</b>	<b>\$52,594,042</b>	<b>\$56,079,990</b>	<b>\$56,354,340</b>	<b>\$62,370,760</b>	<b>\$58,027,640</b>	<b>\$56,941,170</b>	<b>\$56,136,490</b>	<b>\$56,136,490</b>
20	Multifamily								
21	In-unit		N/A [1]	N/A [1]	\$10,086,341	\$11,047,594	\$11,379,020	\$11,720,390	\$11,720,390
22	SPOC		\$144,182	\$115,347	\$188,000	\$193,640	\$199,449	\$205,432	\$205,432
23	CAM		\$11,444,500	\$11,444,500	\$7,238,000	\$10,857,000	\$11,182,710	\$11,518,191	\$11,518,191
24	CSD LIWP		\$586,438	\$604,035	\$622,153	\$640,817	\$660,045	\$679,846	\$679,846
25	Administrator fee		\$1,988,100	\$1,988,100	\$1,813,448	\$1,591,735	\$1,639,487	\$1,688,672	\$1,688,672
26	<b>Multifamily Total</b>	<b>\$0</b>	<b>\$14,163,220</b>	<b>\$14,151,982</b>	<b>\$19,947,942</b>	<b>\$24,330,786</b>	<b>\$25,060,710</b>	<b>\$25,812,532</b>	<b>\$25,812,532</b>
27									
28	Training Center [2]	\$347,190	\$414,188	\$310,788	\$233,238	\$233,238	\$233,238	\$233,238	\$233,238
29	Workforce Education and Training		\$0	\$0	\$0	\$0	\$0	\$0	\$0
30	Inspections [2]	\$1,460,536	\$1,711,792	\$1,587,176	\$2,141,837	\$2,101,182	\$2,108,039	\$2,115,437	\$2,115,437
31	Marketing and Outreach [2] [3]	\$715,186	\$1,315,041	\$1,245,829	\$1,066,082	\$949,085	\$1,010,956	\$979,287	\$979,287
32	Statewide Marketing and Outreach		\$0	\$0	\$0	\$0	\$0	\$0	\$0
33	Studies	\$28,975	\$69,325	\$105,750	\$137,475	\$148,050	\$55,225	\$58,750	\$58,750
34	Regulatory Compliance [2]	\$177,671	\$307,357	\$316,578	\$326,077	\$335,857	\$444,028	\$457,348	\$457,348
35	General Administration [2]	\$1,978,868	\$4,093,282	\$4,228,557	\$3,901,367	\$3,896,850	\$3,989,600	\$4,090,979	\$4,090,979
36	CPUC Energy Division	\$17,788	\$32,839	\$33,826	\$34,841	\$35,885	\$36,961	\$38,070	\$38,070
37	<b>Subtotal</b>	<b>\$4,726,215</b>	<b>\$7,943,823</b>	<b>\$7,828,503</b>	<b>\$7,840,916</b>	<b>\$7,700,146</b>	<b>\$7,878,046</b>	<b>\$7,973,108</b>	<b>\$7,973,108</b>
38									
39	<b>TOTAL PROGRAM COSTS</b>	<b>\$57,320,257</b>	<b>\$78,187,032</b>	<b>\$78,334,825</b>	<b>\$90,159,618</b>	<b>\$90,058,572</b>	<b>\$89,879,926</b>	<b>\$89,922,130</b>	<b>\$89,922,130</b>
40									
41	Indirect Costs								
42									
43	NGAT Costs	\$7,520,661	\$5,779,599	\$5,403,686	\$7,198,393	\$7,065,966	\$7,088,304	\$7,112,399	\$7,112,399
44									
45									
46									
47	Notes:								
48	[1] Multi-family in-unit measure counts are included in the energy efficiency measure counts for 2021 and 2022.								
49	[2] 2020 authorized and 2021-2026 proposed program administrative budget include estimated annual employee benefit burden of approximately \$1.85 million.								
49	[3] 2021-2026 proposed Marketing and Outreach budget includes \$1.56 million in costs associated with the load disaggregation report.								

A		B	C	D	E	F	G	H
1	PY 2021-2026 Energy Savings Assistance Program Table A-3a, Proposed Gas Budget (Multifamily only) [1]							
2	Pacific Gas & Electric							
3								
4	[1] Intentionally left blank - Multi-family gas budget for PY 2021-26 provided in Table A-3							
5								
6								
7								
8	Energy Savings Assistance Program							
9	Energy Efficiency							
10	Appliances							
11	Domestic Hot Water							
12	Enclosure							
13	HVAC							
14	Maintenance							
15	Lighting							
16	Miscellaneous							
17	Customer Enrollment							
18	In Home Education							
19	Pilot							
20	Energy Efficiency Total							
21								
22	Training Center							
23	Workforce Education and Training							
24	Inspections							
25	Marketing and Outreach							
26	Statewide Marketing Education and Outreach							
27	Studies							
28	Regulatory Compliance							
29	General Administration							
30	CPUC Energy Division							
31								
32	TOTAL PROGRAM COSTS							
33	Common Area Cost Allocation							
34	In Unit Cost Allocation							
35	Communal Area/Shared System Cost Allocation							
36								
37	Indirect Costs							
38								
39	NGAT Costs							

57	[1] Proposed new measures for Program Years (PY) 2021-26 are labeled "NEW" in the first part of measure name.
58	[2] PY 2020-22 incorporates all housing types - Single Family, Mobile Home, and Multi-Family. PY 2023-26 includes only Single Family and Mobile Home.
59	[3] "Minor Home Repair" is included as part of the "Air Sealing/Envelope" measure.
60	[4] See Tables A-8 and A-9 for measure Resource and Non-Resource designations.
61	[5] Refer to ESA Chapter I Section D.6 for detailed measures and portfolio composition; measure additions, retirements, and modifications.
62	[6] Per 2015-17 Impact Evaluation, bundle includes: Low Flow Shower Head; Faucet Aerator; Thermostatic Shower Valves.
63	[7] Per 2015-17 Impact Evaluation, bundle includes: Water Heater Blanket; Water Heater Pipe Insulation.
64	[8] Total 2020 Projected Expenses includes 2009-2016 unspent funds of \$34,777,935.

ESA Table A-4  
(Continued)

PY 2021-2026 Energy Savings Assistance Program Table A-4, Planning Assumptions																	
Pacific Gas & Electric																	
Line Item	Measure	PY 2024 Planned					PY 2025 Planned					PY 2026 Planned					Energy Efficiency Savings Claim Source (Worksheet Number or Impact Evaluation Report)
		Quantity Installed	kWh (Annual)	kW (Annual)	Therms (Annual)	Proposed Expenses	Quantity Installed	kWh (Annual)	kW (Annual)	Therms (Annual)	Proposed Expenses	Quantity Installed	kWh (Annual)	kW (Annual)	Therms (Annual)	Proposed Expenses	
5	High Efficiency Clothes Washers	1,809	10,156	832	33,850	\$ 11,588,168	1,809	10,156	832	33,850	\$ 11,588,168	1,809	10,156	832	33,850	\$ 11,588,168	
7	Refrigerators	10,284	5,930,736	830	220,896	\$ 7,944,798	10,284	5,930,736	830	220,896	\$ 7,944,798	10,284	5,930,736	830	220,896	\$ 7,944,798	
9	Domestic Hot Water:	46,462	369,502	50	220,896	\$ 3,715,724	46,462	369,502	50	220,896	\$ 3,715,724	46,462	369,502	50	220,896	\$ 3,715,724	
11	WHB Blanket WHB Pipe Insulation Bundle [7]	7,422	59,502	-	29,807	\$ 578,854	7,422	59,502	-	29,807	\$ 578,854	7,422	59,502	-	29,807	\$ 578,854	
12	Water Heater Repair/Replacement	822	1,127,100	146	618	\$ 2,043,131	822	1,127,100	146	618	\$ 2,043,131	822	1,127,100	146	618	\$ 2,043,131	
13	Water Heater Repair/Replacement	332	1,127,100	6	618	\$ 2,043,131	332	1,127,100	6	618	\$ 2,043,131	332	1,127,100	6	618	\$ 2,043,131	
14	TWC Ductless TWC	72,369	52,149	10	42,492	\$ 20,468,460	72,369	52,149	10	42,492	\$ 20,468,460	72,369	52,149	10	42,492	\$ 20,468,460	
16	Air Sealing/Envelope [3]	37,197	52,149	20	7,396	\$ 374,660	37,197	52,149	20	7,396	\$ 374,660	37,197	52,149	20	7,396	\$ 374,660	
17	NEW Diagnostic Driven Air Sealing	479	1,995	29	0	\$ -	479	1,995	29	0	\$ -	479	1,995	29	0	\$ -	
18	NEW Minor Home Repair Plus	1,995	17,750	3	88,882	\$ 3,715,724	1,995	17,750	3	88,882	\$ 3,715,724	1,995	17,750	3	88,882	\$ 3,715,724	
19	A/C Insulation	303	2,433	0	13,941	\$ 171,362	303	2,433	0	13,941	\$ 171,362	303	2,433	0	13,941	\$ 171,362	
20	NEW Floor Insulation	303	2,433	0	13,941	\$ 171,362	303	2,433	0	13,941	\$ 171,362	303	2,433	0	13,941	\$ 171,362	
21	HVAC:	3,856,155	1,135	32,597	\$ 20,942,469	\$ 3,856,155	3,856,155	1,135	32,597	\$ 20,942,469	\$ 3,856,155	3,856,155	1,135	32,597	\$ 20,942,469	\$ 3,856,155	
22	Furnace Repair/Replacement	692	1,085,491	11	16,896	\$ 2,098,880	692	1,085,491	11	16,896	\$ 2,098,880	692	1,085,491	11	16,896	\$ 2,098,880	
23	Room A/C Replacement	1,832	322,469	67	4,532,383	\$ 1,431,362	1,832	322,469	67	4,532,383	\$ 1,431,362	1,832	322,469	67	4,532,383	\$ 1,431,362	
24	Central A/C Replacement	1,832	322,469	67	4,532,383	\$ 1,431,362	1,832	322,469	67	4,532,383	\$ 1,431,362	1,832	322,469	67	4,532,383	\$ 1,431,362	
25	Central Heat Pump	179	241,868	44	6,932	\$ 2,098,880	179	241,868	44	6,932	\$ 2,098,880	179	241,868	44	6,932	\$ 2,098,880	
26	Blower Motor Retrofit	5,139	632,787	569	6,932	\$ 2,098,880	5,139	632,787	569	6,932	\$ 2,098,880	5,139	632,787	569	6,932	\$ 2,098,880	
27	Evaporative Cooler	1,989	739,988	118	1,803,167	\$ 1,803,167	1,989	739,988	118	1,803,167	\$ 1,803,167	1,989	739,988	118	1,803,167	\$ 1,803,167	
28	Duct, Test, and Seal	10,424	2,269,663	398	295,024	\$ 2,725,333	10,424	2,269,663	398	295,024	\$ 2,725,333	10,424	2,269,663	398	295,024	\$ 2,725,333	
29	Smart Thermostat	5,139	121,117	121	2,107	\$ 1,975,954	5,139	121,117	121	2,107	\$ 1,975,954	5,139	121,117	121	2,107	\$ 1,975,954	
30	Smart Thermostat	5,139	121,117	121	2,107	\$ 1,975,954	5,139	121,117	121	2,107	\$ 1,975,954	5,139	121,117	121	2,107	\$ 1,975,954	
31	High Efficiency Furnace	743	1,975,954	717	498,215	\$ 498,215	743	1,975,954	717	498,215	\$ 498,215	743	1,975,954	717	498,215	\$ 498,215	
32	NEW Portable AC	2,008	42,960	(9)	-	\$ -	2,008	42,960	(9)	-	\$ -	2,008	42,960	(9)	-	\$ -	
33	Central A/C Tune up	2,008	42,960	(9)	-	\$ -	2,008	42,960	(9)	-	\$ -	2,008	42,960	(9)	-	\$ -	
34	Maintenance:	2,008	42,960	(9)	-	\$ -	2,008	42,960	(9)	-	\$ -	2,008	42,960	(9)	-	\$ -	
35	Lighting:	913,310	129	129	(15,470)	\$ 6,006,402	913,310	129	129	(15,470)	\$ 6,006,402	913,310	129	129	(15,470)	\$ 6,006,402	
36	Interior Hardwired LED Fixtures	46,163	237,983	23	-	\$ -	46,163	237,983	23	-	\$ -	46,163	237,983	23	-	\$ -	
37	Exterior Hardwired LED Fixtures	46,163	237,983	23	-	\$ -	46,163	237,983	23	-	\$ -	46,163	237,983	23	-	\$ -	
38	LED Recessed LED	46,163	237,983	23	-	\$ -	46,163	237,983	23	-	\$ -	46,163	237,983	23	-	\$ -	
39	LED Recessed LED	46,163	237,983	23	-	\$ -	46,163	237,983	23	-	\$ -	46,163	237,983	23	-	\$ -	
40	LED Recessed LED	46,163	237,983	23	-	\$ -	46,163	237,983	23	-	\$ -	46,163	237,983	23	-	\$ -	
41	LED Recessed LED	46,163	237,983	23	-	\$ -	46,163	237,983	23	-	\$ -	46,163	237,983	23	-	\$ -	
42	LED Recessed LED	46,163	237,983	23	-	\$ -	46,163	237,983	23	-	\$ -	46,163	237,983	23	-	\$ -	
43	LED Recessed LED	46,163	237,983	23	-	\$ -	46,163	237,983	23	-	\$ -	46,163	237,983	23	-	\$ -	
44	LED Recessed LED	46,163	237,983	23	-	\$ -	46,163	237,983	23	-	\$ -	46,163	237,983	23	-	\$ -	
45	LED Recessed LED	46,163	237,983	23	-	\$ -	46,163	237,983	23	-	\$ -	46,163	237,983	23	-	\$ -	
46	LED Recessed LED	46,163	237,983	23	-	\$ -	46,163	237,983	23	-	\$ -	46,163	237,983	23	-	\$ -	
47	LED Recessed LED	46,163	237,983	23	-	\$ -	46,163	237,983	23	-	\$ -	46,163	237,983	23	-	\$ -	
48	LED Recessed LED	46,163	237,983	23	-	\$ -	46,163	237,983	23	-	\$ -	46,163	237,983	23	-	\$ -	
49	LED Recessed LED	46,163	237,983	23	-	\$ -	46,163	237,983	23	-	\$ -	46,163	237,983	23	-	\$ -	
50	LED Recessed LED	46,163	237,983	23	-	\$ -	46,163	237,983	23	-	\$ -	46,163	237,983	23	-	\$ -	
51	LED Recessed LED	46,163	237,983	23	-	\$ -	46,163	237,983	23	-	\$ -	46,163	237,983	23	-	\$ -	
52	Customer Enrollment:	63,809	-	-	-	\$ -	63,809	-	-	\$ -	63,809	-	-	-	\$ -	63,809	
53	Outreach & Assessment	63,809	-	-	-	\$ -	63,809	-	-	\$ -	63,809	-	-	-	\$ -	63,809	
54	In-Home Education	63,809	-	-	-	\$ -	63,809	-	-	\$ -	63,809	-	-	-	\$ -	63,809	
55	Total	17,457,868	3,420	70,276	\$ 112,447,686	\$ 112,447,686	17,457,868	3,420	70,276	\$ 112,447,686	\$ 112,447,686	17,457,868	3,420	70,276	\$ 112,447,686	\$ 112,447,686	

[illegible]

ESA Table A-4a  
(Continued)

A																	AM
Program Table A-4a, Planning																	
Pacific Gas & Electric																	
[1] Intentionally left blank - Multi-family (MF) in-unit f																	
		X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	
1	Program Table A-4a, Planning																Energy Efficiency Savings Claim Source (Worksheet Number or Impact Evaluation Report)
2	Pacific Gas & Electric																
3																	
4																	
5																	
6	Measures*	Quantity Installed	kWh (Annual)	PY 2024 Planned kW (Annual)	Therma (Annual)	Proposed Expenses	Quantity Installed	kWh (Annual)	PY 2025 Planned kW (Annual)	Therma (Annual)	Proposed Expenses	Quantity Installed	kWh (Annual)	PY 2026 Planned kW (Annual)	Therma (Annual)	Proposed Expenses	
7	Appliances:																
8	High Efficiency Clothes Washers																
9	High Efficiency Dishwashers																
10	Refrigerators																
11	Domestic Hot Water:																
12	Water Heater Blanket																
13	Low Flow Shower Head																
14	Water Heater Pipe Insulation																
15	Faucet Aerator																
16	Water Heater Repair/Replacement																
17	Thermostat-controlled Shower Valve																
18	Combined Showerhead/TSV																
19	Heat Pump Water Heater																
20	Tub Diverter/ Tub Spout																
21	Thermostat-controlled Shower Valve																
22	Enclosure:																
23	Air Sealing/ Envelope																
24	Attic Insulation																
25	HVAC:																
26	FAU Standing Pilot Conversion																
27	Furnace Repair/Replacement																
28	Room A/C Replacement																
29	Central A/C Replacement																
30	Heat Pump Replacement																
31	Evaporative Cooler (Replacement/Installation)																
32	Duct Testing and Sealing																
33	Energy Efficient Fan Control																
34	Prescriptive Duct Sealing																
35	High Efficiency Forced Air Unit (HE FAU)																
36	A/C Time Delay																
37	Maintenance:																
38	Furnace Clean and Tune																
39	Central A/C Tune up																
40	Lighting:																
41	Interior Hard wired CFL fixtures																
42	Interior Hard wired LED fixtures																
43	Exterior Hard wired LED fixtures																
44	Incandescent LED																
45	LED Night Lights																
46	LED Night Lights																
47	LED Diffuse Bulb (60W Replacement)																
48	LED Reflector Bulb																
49	LED Reflector Downlight Retrofit Kits																
50	LED A/Lamps																
51	Miscellaneous:																
52	Pool Pumps																
53	Smart Power Strips - Tier 1																
54	Smart Power Strip - Tier 2																
55	Plots:																
56	Plots:																
57	Customer Enrollment:																
58	Outreach & Assessment																
59	In-Home Education																
60	Total																
61	* Include all proposed new measures, where appropriate																
62																	

A PY 2021-2026 Energy Savings Assistance Program Table A-5, Portfolio Goals and Target Populations												
Pacific Gas & Electric												
3												
4												
5												
6												
7	Target Populations											
8	Housing Type											
9	Single Family											
10	Multifamily [1] [7]											
11	Mobile Homes											
12	Housing Total											
13												
14	Customer Type (Need States)											
15	Disadvantaged Communities [2] (Includes CARB Identified Communities), Rural and Tribal											
16	High Usage											
17	Medical Baseline											
18	Disconnections											
19	Wildfire Threat Zone											
20	All Others											
21	Customer Total											
22												
23	Other Category*											
24	[Enter Category Name]											
25	[Enter Category Name]											
26	[Enter Category Name]											
27	[Enter Category Name]											
28	[Enter Category Name]											
29	Customer Total											
30												
31												
32												
33												
34												
35												
36												
37												
38												
39												
40												

\*Optional categories to fill-in. 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 attached units.

[2] As designated by CalEPA using their CalEnviroScreen Tool.

[3] Includes both Resource and Non-Resource measures in calculation.

[4] Household Hardship Reduction indicator to be determined based on approval of proposed methodology, per ESA Chapter I - Section C.

[5] GHG CALCULATOR <https://www.epa.gov/energy/greenhouse-gas-equivalencies-calculator>

[6] Energy saving to BTU conversion:  $[(\text{kWh} \times 3412) + (\text{therms} \times 100,000)] / 1000 = \text{kBtu}$

[7] Multifamily in-unit will transition to MFWB program starting in FY2023.

[8] Potential savings for low-income population is currently unknown (UNK).

[9] Averages were distributed across customer types/need states based on their respective proportion of the total population size.



ESA Table A-5  
(Continued)

	A	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y
1	PY 2021-2026 Energy Savings Assistance Program Table A-5, Portfolio Goals and Target Populations														
2	Pacific Gas & Electric														
3															
4															
5															
6															
7	Target Populations														
8	Housing Type														
9	Single Family	UNK	3,950,127	353,593	11	0.23	TBD	UNK	97,595	353,593	0.28	UNK	721,150,301	353,593	2,039,000
10	MultiFamily [1] [7]	UNK	266,623	21,540	12	0.11	TBD	UNK	3,414	21,540	0.16	UNK	34,784,628	21,540	1,614,000
11	Mobile Homes	UNK	264,560	25,593	11	0.34	TBD	UNK	5,972	25,593	0.23	UNK	45,830,376	25,593	1,790,000
12	Housing Total		4,481,310	400,726					106,981	400,726			801,765,304	400,726	
13															
14	Customer Type (Need States)														
15	Disadvantaged Communities [2] (Includes CARB identified communities), Rural and Tribal	UNK	2,005,902	179,371	11	0.23	TBD	UNK	47,886	179,371	0.27	UNK	358,882,240	179,371	2,001
16	High Usage	UNK	157,255	14,062	11	0.23	TBD	UNK	3,754	14,062	0.27	UNK	28,134,994	14,062	2,001
17	Medical Baseline	UNK	257,466	23,023	11	0.23	TBD	UNK	6,147	23,023	0.27	UNK	46,064,000	23,023	2,001
18	Disconnections	UNK	142,572	12,749	11	0.23	TBD	UNK	3,403	12,749	0.27	UNK	25,507,968	12,749	2,001
19	Wildfire Threat Zone	UNK	217,140	19,417	11	0.23	TBD	UNK	5,184	19,417	0.27	UNK	38,849,181	19,417	2,001
20	All Others	UNK	1,700,976	152,104	11	0.23	TBD	UNK	40,607	152,104	0.27	UNK	304,326,921	152,104	2,001
21	Customer Total		4,481,310	400,726					106,981	400,726			801,765,304	400,726	
22															
23	Other Category*														
24	[Enter Category Name]														
25	[Enter Category Name]														
26	[Enter Category Name]														
27	[Enter Category Name]														
28	[Enter Category Name]														
29	Customer Total														
30															
31															
32															
33															
34															
35															
36															
37															
38															
39															
40															

\*Optional categories to fill-in. 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 attached units.

[2] As designated by CalEPA using their CalEnviroScreen Tool.

[3] Includes both Resource and Non-Resource measures in calculation.

[4] Household Hardship Reduction Indicator to be determined based on approval of proposed methodology, per ESA Chapter 1 - Section C.

[5] GHG CALCULATOR <https://www.epa.gov/energy/greenhouse-gas-equivalencies-calculator>

[6] Energy saving to BTU conversion: [ (kWh \* 3412) + (therms \* 100,000) ] / 1000 = kBtu

[7] Multi-family in-unit will transition to MFWB program starting in PY2023.

[8] Potential savings for low-income population is currently unknown (UNK).

[9] Averages were distributed across customer types/need states based on their respective proportion of the total population size.

\*Optional categories to fill-in. 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 attached units.

[2] As designated by CalEPA using their CalEnviroScreen Tool.

[3] Includes both Resource and Non-Resource measures in calculation.

[4] Household Hardship Reduction indicator to be determined based on approval of proposed methodology, per ESA Chapter I - Section C.

[5] GHG CALCULATOR <https://www.epa.gov/energy/greenhouse-gas-equivalencies-calculator>

[6] Energy saving to BTU conversion: [(kWh \* 3412) \* (therms \* 100,000)] / 1000 = kBTU

[7] Multi-family in-unit will transition to MPWB program starting in PY2023.

[8] Potential savings for low-income population is currently unknown (UNK).

[9] Averages were distributed across customer types/need states based on their respective proportion of the total population size.

A	B	C	D	E	F	G	H
1	<b>Energy Savings Assistance Program Table A-6, Detail by Housing Type</b>						
2	<b>Pacific Gas &amp; Electric</b>						
3							
4		PY 2021	PY 2022	PY 2023	PY 2024	PY 2025	PY 2026
5		Projected Customers Treated	Projected Customers Treated	Projected Customers Treated	Projected Customers Treated	Projected Customers Treated	Projected Customers Treated
6							
7	<b>Gas and Electric Customers</b>						
8	<b>Owners - Total</b>	<b>24,048</b>	<b>21,647</b>	<b>21,797</b>	<b>19,791</b>	<b>19,098</b>	<b>18,429</b>
9	Single Family	20,587	18,532	18,875	17,138	16,538	15,958
10	Multifamily * [1]	274	246	-	-	-	-
11	Mobile Homes	3,187	2,869	2,922	2,653	2,560	2,471
12	<b>Renters - Total</b>	<b>37,650</b>	<b>33,895</b>	<b>37,133</b>	<b>33,717</b>	<b>32,535</b>	<b>31,396</b>
13	Single Family	28,873	25,994	36,867	33,476	32,302	31,171
14	Multifamily * [1]	8,487	7,640	-	-	-	-
15	Mobile Homes	290	261	266	241	233	225
16	<b>Electric Customers (only)</b>						
17	<b>Owners - Total</b>	<b>5,401</b>	<b>4,861</b>	<b>4,868</b>	<b>4,420</b>	<b>4,266</b>	<b>4,116</b>
18	Single Family	4,577	4,120	4,196	3,810	3,677	3,548
19	Multifamily * [1]	91	81	-	-	-	-
20	Mobile Homes	733	660	672	610	589	568
21	<b>Renters - Total</b>	<b>4,747</b>	<b>4,272</b>	<b>2,730</b>	<b>2,479</b>	<b>2,392</b>	<b>2,308</b>
22	Single Family	2,696	2,427	2,471	2,244	2,165	2,089
23	Multifamily * [1]	1,768	1,591	-	-	-	-
24	Mobile Homes	283	254	259	235	227	219
25	<b>Gas Customers (only)</b>						
26	<b>Owners - Total</b>	<b>2,919</b>	<b>2,628</b>	<b>2,669</b>	<b>2,423</b>	<b>2,338</b>	<b>2,256</b>
27	Single Family	2,539	2,286	2,328	2,114	2,040	1,968
28	Multifamily * [1]	9	8	-	-	-	-
29	Mobile Homes	371	334	341	309	298	288
30	<b>Renters - Total</b>	<b>1,885</b>	<b>1,697</b>	<b>1,079</b>	<b>979</b>	<b>945</b>	<b>912</b>
31	Single Family	1,145	1,031	1,050	953	920	888
32	Multifamily * [1]	708	637	-	-	-	-
33	Mobile Homes	32	29	29	26	25	24
34							
35							
36	* Multifamily buildings are defined as 5 or more attached units						
37	[1] Multi-family in-unit removed starting in PY2023.						

	A	B	C	D	E	F	G	H	I
1	<b>Energy Savings Assistance Program Table A-6a, Detail by Housing Type (Multifamily only) [5]</b>								
2	<b>Pacific Gas &amp; Electric</b>								
3									
4	[5] Intentionally left blank - Multi-family (MF) in-unit for PY 2021-22 included in Table A-6. Details will be provided post Multi-family Whole Building Program solicitation.								
5									
6			PY 2021	PY 2022	PY 2023	PY 2024	PY 2025	PY 2026	
7			Projected Customers Treated	Projected Customers Treated	Projected Customers Treated	Projected Customers Treated	Projected Customers Treated	Projected Customers Treated	
8									
9	<b>Gas and Electric Customers</b>								
10	<b>Owners - Total</b>								
11	Properties								
12	Multifamily Tenant Units								
13	Units Treated								
14	<b>Electric Customers (only)</b>								
15	<b>Owners - Total</b>								
16	Properties								
17	Multifamily Tenant Units								
18	Units Treated								
19	<b>Gas Customers (only)</b>								
20	<b>Owners - Total</b>								
21	Properties								
22	Multifamily Tenant Units								
23	Units Treated								
24									
25	<b>NOTES</b>								
26	[1] Multifamily buildings are defined as 5 or more attached units								
27	[2] Property is a collection of one or more buildings that constitute a multifamily property								
28	[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								
29	[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								

	A	B	C	D	E	F	G
1	<b>Summary of Energy Savings Assistance Program Table A-7, Cost Effectiveness</b>						
2	<b>Pacific Gas &amp; Electric</b>						
3							
4							
5			<b>Ratio of Program Benefits over Program Costs</b>				
		<b>Energy Savings Assistance Cost Effectiveness Test (ESACET)</b>	<b>Resource Test [1]</b>	<b>TRC [2]</b>	<b>PAC [2]</b>	<b>RIM [2]</b>	
6		PY 2016	0.90	1.19	0.51	0.51	N/A
7		PY 2017	1.03	0.81	0.55	0.55	0.01
8		PY 2018	1.13	1.07	0.66	0.66	0.31
9		PY 2019 [3]	0.77	0.65	0.43	0.43	0.23
10		PY 2020 [3]	0.83	0.69	0.48	0.48	0.25
11		PY 2021	0.59	0.18	0.16	0.16	0.13
12		PY 2022	0.66	0.22	0.19	0.19	0.15
13		PY 2023	0.71	0.23	0.20	0.20	0.15
14		PY 2024	0.75	0.23	0.20	0.20	0.15
15		PY 2025	0.79	0.23	0.20	0.20	0.15
16		PY 2026	0.84	0.23	0.20	0.20	0.14
17		<b>Estimated</b>					
18	[1] Formerly known as the Resource Measure TRC, updated per June 2018 Recommendations of the Cost Effectiveness Working Group.						
19	[2] Included for information purposes only, per D.19-05-019.						
20	[3] PY 2019-20 are estimates.						

ESA Table A-8

D.19-06-022 Attachment B

A			B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
Energy Savings Assistance Program Table A-8, Cost-Effectiveness - Weather Sensitive Measures																			
Pacific Gas & Electric																			
Measure*	R=Resource NR=Non-Resource	Measure Group	Type of Home (SF, MH, MF)	Electric or Gas (E,G)	Climate Zone** (Number)	2021		2022		2023		2024		2025		2026			
						ESACET	Resource Test [1]	ESACET	Resource Test [1]	ESACET	Resource Test [1]	ESACET	Resource Test [1]	ESACET	Resource Test [1]				
7	Air Sealing / Envelope (Group Measure)-E-MF	Enclosure	MF	E	System	0.12	0.03	0.12	0.03	0	0	0	0	0	0	0	0	0	
8	Air Sealing / Envelope (Group Measure)-E-MH	Enclosure	MH	E	System	0.04	-0.21	0.08	-0.21	0.07	-0.19	0.10	-0.19	0.13	-0.19	0.16	-0.19	0	
9	Air Sealing / Envelope (Group Measure)-E-SF	Enclosure	SF	E	System	0.26	0.07	0.27	0.07	0.26	0.07	0.27	0.06	0.28	0.06	0.30	0.06	0	
10	Air Sealing / Envelope (Group Measure)-G-MF	Enclosure	MF	G	System	0.06	0.02	0.06	0.02	0.06	0.02	0	0	0	0	0	0	0	
11	Air Sealing / Envelope (Group Measure)-G-MH	Enclosure	MH	G	System	0.06	0.02	0.06	0.02	0.05	0.02	0.06	0.02	0.06	0.02	0.06	0.02	0	
12	Air Sealing / Envelope (Group Measure)-G-SF	Enclosure	SF	G	System	0.07	0.02	0.07	0.02	0.06	0.02	0.07	0.02	0.07	0.02	0.08	0.02	0	
13	Attic Insulation - Electric (Group)-MF	Enclosure	MF	E	System	0.51	0.15	0.53	0.16	0	0	0	0	0	0	0	0	0	
14	Attic Insulation - Electric (Group)-SF	Enclosure	SF	E	System	0.48	0.14	0.50	0.15	0.52	0.15	0.54	0.15	0.58	0.15	0.62	0.15	0	
15	Attic Insulation - Gas (Group)-MF	Enclosure	MF	E	System	0.48	0.24	0.49	0.26	0	0	0	0	0	0	0	0	0	
16	Attic Insulation - Gas (Group)-SF	Enclosure	SF	E	System	0.69	0.44	0.71	0.46	0.75	0.47	0.78	0.48	0.82	0.49	0.87	0.49	0	
17	Floor Insulation - Electric-MF	Enclosure	MF	E	System	0	0	0	0	0	0	0	0	0	0	0	0	0	
18	Floor Insulation - Electric-SF	Enclosure	SF	E	System	0	0	1.07	0.46	1.16	0.49	1.22	0.50	1.27	0.49	1.35	0.49	0	
19	Floor Insulation - Gas-MF	Enclosure	MF	E	System	0	0	0.94	0.71	0	0	0	0	0	0	0	0	0	
20	Floor Insulation - Gas-SF	Enclosure	SF	E	System	0	0	1.16	1.28	1.28	1.37	1.32	1.42	1.37	1.41	1.44	1.43	0	
21	Minor Home Repairs Plus - Electric-MF	Enclosure	MF	E	System	0	0	0.24	0	0	0	0	0	0	0	0	0	0	
22	Minor Home Repairs Plus - Electric-MH	Enclosure	MH	E	System	0	0	0.24	0	0.11	0	0.12	0	0.13	0	0.14	0	0	
23	Minor Home Repairs Plus - Electric-SF	Enclosure	SF	E	System	0	0	0.24	0	0.11	0	0.12	0	0.13	0	0.14	0	0	
24	Minor Home Repairs Plus - Gas-MF	Enclosure	MF	G	System	0	0	0.24	0	0	0	0	0	0	0	0	0	0	
25	Minor Home Repairs Plus - Gas-MH	Enclosure	MH	G	System	0	0.24	0	0.13	0.11	0	0.12	0	0.13	0	0.14	0	0	
26	Minor Home Repairs Plus - Gas-SF	Enclosure	SF	G	System	0	0.24	0	0.13	0.11	0	0.12	0	0.13	0	0.15	0	0	
27	AC - Portable-MF	HVAC	MF	E	System	0	0.24	0	0	0	0	0	0	0	0	0	0	0	
28	AC - Portable-MH	HVAC	MH	E	System	0	0	0.26	0	0.26	0	0.29	0	0.31	0	0.34	0	0	
29	AC - Portable-SF	HVAC	SF	E	System	0	0.24	0.24	0	0.26	0	0.29	0	0.31	0	0.34	0	0	
30	Blower Motor Retrofit-MF	HVAC	MF	E	System	0.28	0.23	0.29	0.22	0	0	0	0	0	0	0	0	0	
31	Blower Motor Retrofit-MH	HVAC	MH	E	System	0.32	0.37	0.32	0.34	0.34	0.33	0.35	0.32	0.37	0.32	0.39	0.31	0	
32	Blower Motor Retrofit-SF	HVAC	SF	E	System	0.28	0.23	0.23	0.29	0.29	0.20	0.32	0.20	0.34	0.19	0.36	0.19	0	
33	Central AC - Smart Fan Delay / Efficient Fan Controller-MF	HVAC	MF	E	System	-0.21	-0.46	0	0	0	0	0	0	0	0	0	0	0	
34	Central AC - Smart Fan Delay / Efficient Fan Controller-MH	HVAC	MH	E	System	-0.21	-0.46	0	0	0	0	0	0	0	0	0	0	0	
35	Central AC - Smart Fan Delay / Efficient Fan Controller-SF	HVAC	SF	E	System	-0.24	-0.49	0	0	0	0	0	0	0	0	0	0	0	
36	Central AC Replacement-MF	HVAC	MF	E	System	0.23	0.29	0.67	0.28	0	0	0	0	0	0	0	0	0	
37	Central AC Replacement-MH	HVAC	MH	E	System	0.24	0.31	0.70	0.30	0.82	0.30	0.93	0.30	1.02	0.30	1.12	0.30	0	
38	Central AC Replacement-SF	HVAC	SF	E	System	0.15	0.15	0.42	0.14	0.49	0.14	0.56	0.15	0.61	0.15	0.67	0.15	0	
39	Central AC Tune-Up (Group Measure)-MF	HVAC	MF	E	System	0.25	0	0.24	0	0	0	0	0	0	0	0	0	0	
40	Central AC Tune-Up (Group Measure)-MH	HVAC	MH	E	System	-0.82	-1.07	-0.86	-1.11	-0.84	-1.11	-0.84	-1.10	-0.77	-1.09	-0.75	-1.10	0	
41	Central AC Tune-Up (Group Measure)-SF	HVAC	SF	E	System	0.25	0	0.24	0	0.27	0	0.29	0	0.32	0	0.35	0	0	
42	Central Heat Pump Replacement-MF	HVAC	MF	E	System	0.65	0.32	0.64	0.30	0	0	0	0	0	0	0	0	0	
43	Central Heat Pump Replacement-MH	HVAC	MH	E	System	0.59	0.70	0.60	0.66	0.64	0.67	0.66	0.69	0.68	0.69	0.72	0.71	0	
44	Central Heat Pump Replacement-SF	HVAC	SF	E	System	0.67	0.22	0.64	0.21	0.68	0.21	0.72	0.21	0.77	0.22	0.82	0.22	0	
45	DD Air Sealing, 15% Reduction - Electric-MF	HVAC	MF	E	System	0	0	0	0	0	0	0	0	0	0	0	0	0	
46	DD Air Sealing, 15% Reduction - Electric-MH	HVAC	MH	E	System	0	0	0	0	0	0	0	0	0	0	0	0	0	
47	DD Air Sealing, 15% Reduction - Electric-SF	HVAC	SF	E	System	0	0	0.04	0.01	0.04	0.01	0.04	0.01	0.04	0.01	0.04	0.01	0	
48	DD Air Sealing, 15% Reduction - Gas-MF	HVAC	MF	G	System	0	0	0.41	0.18	0	0	0	0	0	0	0	0	0	
49	DD Air Sealing, 15% Reduction - Gas-MH	HVAC	MH	G	System	0	0	0.41	0.18	0.43	0.18	0.46	0.19	0.49	0.19	0.52	0.20	0	
50	DD Air Sealing, 15% Reduction - Gas-SF	HVAC	SF	G	System	0	0	0.41	0.18	0.43	0.18	0.46	0.19	0.49	0.19	0.52	0.20	0	
51	DD Air Sealing, 30% Reduction - Electric-MF	HVAC	MF	E	System	0	0	0	0	0	0	0	0	0	0	0	0	0	
52	DD Air Sealing, 30% Reduction - Electric-MH	HVAC	MH	E	System	0	0	0	0	0	0	0	0	0	0	0	0	0	
53	DD Air Sealing, 30% Reduction - Electric-SF	HVAC	SF	E	System	0	0	0	0	0	0	0	0	0	0	0	0	0	
54	DD Air Sealing, 30% Reduction - Gas-MF	HVAC	MF	G	System	0	0	0.60	0.30	0	0	0	0	0	0	0	0	0	
55	DD Air Sealing, 30% Reduction - Gas-MH	HVAC	MH	G	System	0	0	0.60	0.30	0.64	0.31	0.67	0.32	0.71	0.33	0.76	0.34	0	
56	DD Air Sealing, 30% Reduction - Gas-SF	HVAC	SF	G	System	0	0	0.60	0.30	0.64	0.31	0.67	0.32	0.71	0.33	0.76	0.34	0	
57	Duct Testing and Sealing - Electric (Group Measure)-MH	HVAC	MH	E	System	47.86	-48.04	-0.57	-0.81	-1.80	-2.06	-1.78	-2.06	-1.54	-1.86	0.34	0	0	
58	Duct Testing and Sealing - Electric (Group Measure)-SF	HVAC	SF	E	System	-47.80	-48.04	-0.57	-0.81	-1.80	-2.06	-1.78	-2.06	-1.54	-1.86	0.34	0	0	
59	Duct Testing and Sealing - Gas (Group Measure)-MH	HVAC	MH	G	System	0.04	0.01	0.82	0.62	0.89	0.66	0.92	0.67	0.97	0.68	1.02	0.68	0	
60	Duct Testing and Sealing - Gas (Group Measure)-MH	HVAC	SF	G	System	0.04	0.01	0.79	0.57	0.86	0.61	0.89	0.61	0.93	0.62	0.98	0.62	0	
61	Evaporative Cooler-MF	HVAC	MF	E	System	2.03	1.07	2.24	1.00	2.35	0.85	2.47	0.85	2.62	0.86	2.81	0.87	0	
62	Evaporative Cooler-SF	HVAC	SF	E	System	1.99	1.01	2.19	0.94	2.29	0.80	2.41	0.81	2.56	0.81	2.74	0.82	0	
63	Furnace Repair or Rpl (Group Measure) -G-MF	HVAC	MF	G	System	0	0	0	0	0	0	0	0	0	0	0	0	0	
64	Furnace Repair or Rpl (Group Measure) -G-MH	HVAC	MH	G	System	1.91	-0.07	1.34	-0.07	1.47	-0.08	1.62	-0.08	1.77	-0.08	1.94	-0.08	0	
65	Furnace Repair or Rpl (Group Measure) -G-SF	HVAC	SF	G	System	1.90	-0.07	1.34	-0.07	1.47	-0.08	1.62	-0.08	1.77	-0.08	1.93	-0.08	0	
66	Furnace Repair(Rpl) - Renter-MF	HVAC	MF	G	System	0	0	0	0	0	0	0	0	0	0	0	0	0	
67	Furnace Repair(Rpl) - Renter-MH	HVAC	MH	G	System	0	0	1.22	-0.19	1.35	-0.20	1.50	-0.20	1.65	-0.21	1.86	-0.21	0	
68	Furnace Repair(Rpl) - Renter-SF	HVAC	SF	G	System	0	0	1.22	-0.19	1.35	-0.20	1.49	-0.21	1.64	-0.21	1.80	-0.21	0	
69	HE Furnace Replacement-MF	HVAC	MF	G	System	0	0	0	0	0	0	0	0	0	0	0	0	0	

ESA Table A-8  
(Continued)

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
1	Energy Savings Assistance Program Table A-8, Cost-Effectiveness - Weather Sensitive Measures																	
2	Pacific Gas & Electric																	
3																		
4																		
5	Measure*	R=Resource NR=Non-Resource [2]	Measure Group	Type of Home (SF, MH, MF)	Electric or Gas (E,G)	Climate Zone** (Number)	2021 ESACET	2021 Resource Test [1]	2022 ESACET	2022 Resource Test [1]	2023 ESACET	2023 Resource Test [1]	2024 ESACET	2024 Resource Test [1]	2025 ESACET	2025 Resource Test [1]	2026 ESACET	2026 Resource Test [1]
6																		
70	HE Furnace Replacement-MH	R	HVAC	MH	G	System	0.50	0.08	0.51	0.08	0.54	0.08	0.58	0.08	0.63	0.08	0.68	0.09
71	HE Furnace Replacement-SF	R	HVAC	SF	G	System	0.97	0.18	1.00	0.18	1.07	0.18	1.14	0.19	1.22	0.19	1.32	0.20
72	Room AC Replacement- (Group Measure)-SF	NR	HVAC	SF	E	System	1.47	-0.45	0.93	-0.42	1.06	-0.42	1.20	-0.42	1.30	-0.26	1.49	-0.43
73	Smart Thermostat-MF	R	HVAC	MF	E	System	0.86	2.19	0.93	2.12	0	0	0	0	0	0	0	0
74	Smart Thermostat-MH	R	HVAC	MH	E	System	0.84	2.28	0.92	2.20	0.99	2.20	1.01	2.20	1.05	2.21	1.09	2.24
75	Smart Thermostat-SF	R	HVAC	SF	E	System	0.83	2.38	0.91	2.30	0.98	2.32	0.99	2.34	1.02	2.37	1.07	2.40
76																		
77																		
78																		
79	* Include chart pertaining to each proposed measure, with information included on type of home (i.e., Single Family, Multi Family, Mobile Home) and electric or gas (if applicable).																	
80	** Charts to include information on each climate zone in utility service area.																	
81	[1] Formerly known as the Resource Measure TRC, updated per June 2018 Recommendations of the Cost Effectiveness Working Group.																	
82	[2] Resource measures are defined as having energy savings greater than zero.																	
83	[3] Multi-family in-unit will transition to MFWB program starting in PY2023.																	

## A-9 Non Weather

(Continued)

Energy Savings Assistance Program Table A-9, Cost-Effectiveness - Non Weather Sensitive Measures																					
A				B		C		D	E	F	G	H	I	J	K	L	M	N	O	P	Q
1	Measure*	R=Resource NR=Non-Resource [2]	Measure Group	Type of Home (SF,MH,MF)	Electric or Gas (E,G)	2021		2022		2023		2024		2025		2026					
2	Pacific Gas & Electric					ESACET	Resource Test [1]	ESACET	Resource Test [1]	ESACET	Resource Test [1]	ESACET	Resource Test [1]	ESACET	Resource Test [1]	ESACET	Resource Test [1]				
3																					
4																					
5																					
6																					
68	LED A-Lamp - Low-MH	R	Lighting	MH	E	0.35	0.15	0.36	0.14	0.37	0.14	0.38	0.14	0.40	0.14	0.42	0.14				
69	LED A-Lamp - Low-SF	R	Lighting	SF	E	0.32	0.12	0.34	0.12	0.34	0.11	0.35	0.11	0.37	0.11	0.39	0.11				
70	LED A-Lamp - Medium-MF	R	Lighting	MF	E	0.36	0.15	0.38	0.15	0	0	0	0	0	0	0	0				
71	LED A-Lamp - Medium-MH	R	Lighting	MH	E	0.39	0.17	0.41	0.17	0.42	0.17	0.44	0.17	0.46	0.17	0.48	0.17				
72	LED A-Lamp - Medium-SF	R	Lighting	SF	E	0.36	0.14	0.39	0.14	0.39	0.14	0.40	0.14	0.42	0.14	0.45	0.14				
73	LED Down Lamp- BR30-MF	R	Lighting	MF	E	0.52	0.27	0.55	0.26	0	0	0	0	0	0	0	0				
74	LED Down Lamp- BR30-MH	R	Lighting	MH	E	0.55	0.31	0.59	0.30	0.61	0.30	0.63	0.30	0.66	0.30	0.69	0.31				
75	LED Down Lamp- BR30-SF	R	Lighting	SF	E	0.51	0.26	0.55	0.25	0.57	0.25	0.59	0.25	0.61	0.25	0.65	0.25				
76	LED Hardwired Fixture - Exterior - High-MF	R	Lighting	MF	E	0.19	0.08	0.20	0.08	0	0	0	0	0	0	0	0				
77	LED Hardwired Fixture - Exterior - High-MH	R	Lighting	MH	E	0.19	0.08	0.20	0.08	0.20	0.08	0.21	0.08	0.22	0.08	0.23	0.08				
78	LED Hardwired Fixture - Exterior - High-SF	R	Lighting	SF	E	0.19	0.08	0.20	0.08	0.20	0.08	0.21	0.08	0.22	0.08	0.23	0.08				
79	LED Hardwired Fixture - Interior - Low - Sconce-MF	NR	Lighting	MF	E	0.08	0.03	0	0	0	0	0	0	0	0	0	0				
80	LED Hardwired Fixture - Interior - Low - Sconce-MH	NR	Lighting	MH	E	0.09	0.03	0	0	0	0	0	0	0	0	0	0				
81	LED Hardwired Fixture - Interior - Low - Sconce-SF	NR	Lighting	SF	E	0.08	0.02	0	0	0	0	0	0	0	0	0	0				
82	LED Hardwired Fixture - Interior - Low - Vanity-MF	NR	Lighting	MF	E	0.16	0.05	0	0	0	0	0	0	0	0	0	0				
83	LED Hardwired Fixture - Interior - Low - Vanity-MH	NR	Lighting	MH	E	0.17	0.06	0	0	0	0	0	0	0	0	0	0				
84	LED Hardwired Fixture - Interior - Low - Vanity-SF	NR	Lighting	SF	E	0.16	0.05	0	0	0	0	0	0	0	0	0	0				
85	LED Hardwired Fixture - Interior - Medium - Ceiling-MF	NR	Lighting	MF	E	0.16	0.05	0	0	0	0	0	0	0	0	0	0				
86	LED Hardwired Fixture - Interior - Medium - Ceiling-MH	NR	Lighting	MH	E	0.17	0.06	0	0	0	0	0	0	0	0	0	0				
87	LED Hardwired Fixture - Interior - Medium - Ceiling-SF	NR	Lighting	SF	E	0.16	0.05	0	0	0	0	0	0	0	0	0	0				
88	LED Torchiere Lamp - Medium-MF	NR	Lighting	MF	E	0.14	0.05	0	0	0	0	0	0	0	0	0	0				
89	LED Torchiere Lamp - Medium-MH	NR	Lighting	MH	E	0.16	0.06	0	0	0.00	0	0	0	0	0	0	0				
90	LED Torchiere Lamp - Medium-SF	NR	Lighting	SF	E	0.15	0.05	0	0	0	0	0	0	0	0	0	0				
91	Vacancy Sensor Switch-MF	R	Lighting	MF	E	0.64	0.68	0.69	0.65	0	0	0	0	0	0	0	0				
92	Vacancy Sensor Switch-MH	R	Lighting	MH	E	0.80	1.28	0.87	1.22	0.92	1.21	0.95	1.21	0.98	1.21	1.02	1.23				
93	Vacancy Sensor Switch-SF	R	Lighting	SF	E	0.45	0.34	0.47	0.32	0.49	0.32	0.50	0.32	0.52	0.32	0.55	0.33				
94	Air Purifier-MF	NR	Miscellaneous	MF	E	0	0	0.24	0	0	0	0.29	0	0.31	0	0.34	0				
95	Air Purifier-MH	NR	Miscellaneous	MH	E	0	0	0.24	0	0.26	0	0.29	0	0.31	0	0.34	0				
96	Air Purifier-SF	NR	Miscellaneous	SF	E	0	0	0.24	0	0.26	0	0.29	0	0.31	0	0.34	0				
97	Cold Storage-MF	NR	Miscellaneous	MF	N/A	0	0	0.10	0	0	0	0.12	0	0.13	0	0.14	0				
98	Cold Storage-MH	NR	Miscellaneous	MH	N/A	0	0	0.10	0	0.11	0	0.12	0	0.13	0	0.14	0				
99	Cold Storage-SF	NR	Miscellaneous	SF	N/A	0	0	0.10	0	0.11	0	0.12	0	0.13	0	0.14	0				
100	Pool Pumps-SF	R	Miscellaneous	SF	E	0	0	0.55	0.59	0.57	0.58	0.58	0.58	0.60	0.58	0.63	0.58				
101	Power Strip - Advanced - Tier 2-MF	R	Miscellaneous	MF	E	0.62	0.56	0.66	0.52	0	0	0	0	0	0	0	0				
102	Power Strip - Advanced - Tier 2-MH	R	Miscellaneous	MH	E	0.62	0.56	0.66	0.52	0.69	0.52	0.71	0.51	0.74	0.50	0.78	0.50				
103	Power Strip - Advanced - Tier 2-SF	R	Miscellaneous	SF	E	0.62	0.56	0.66	0.52	0.69	0.52	0.71	0.51	0.74	0.50	0.78	0.50				
104	Power Strip - Smart - Tier 1-MF	NR	Miscellaneous	MF	E	0	0	0	0	0	0	0	0	0	0	0	0				
105	Power Strip - Smart - Tier 1-MH	NR	Miscellaneous	MH	E	0	0	0.00	0	0	0	0	0	0	0	0	0				
106	Power Strip - Smart - Tier 1-SF	NR	Miscellaneous	SF	E	0	0	0	0	0	0	0	0	0	0	0	0				
107																					
108																					

110 \* Include chart pertaining to each proposed measure, with information included on type of home (i.e., Single Family, Multi Family, Mobile Home) and electric or gas (if applicable).

111 [1] Formerly known as the Resource Measure TRC, updated per June 2018 Recommendations of the Cost Effectiveness Working Group.

112 [2] Resource measures are defined as having energy savings greater than zero.

113 [3] Multi-family in-unit will transition to MFWE program starting in PY2023.



A	B	C	D	E	F	G	H	I
1	Energy Savings Assistance Program Table A-10, 2017-2020 Authorized Budget Compared to Proposed 2021-2026 Budget [3]							
2	Pacific Gas and Electric							
3								
4								
5								
6								
7	Energy Efficiency							
8	Appliances [1]	\$41,004,824	\$10,251,206	\$71,466,990	\$11,911,165	\$1,659,959	16%	Removal of minimum household occupants for 2nd Refrigerator.
9	Domestic Hot Water [1]	\$33,409,323	\$8,352,331	\$50,764,700	\$8,460,783	\$108,453	1%	Addition of Water Heater repair and replacement for renters.
10	Enclosure [1]	\$137,842,558	\$34,460,639	\$168,107,400	\$28,017,900	(\$6,442,739)	-19%	Budget adjusted by historical installation rates.
11	HVAC [1]	\$113,356,940	\$28,339,235	\$132,000,610	\$22,000,102	(\$6,339,133)	-22%	Budget adjusted by historical installation rates; Replace DTS with Prescriptive Duct Sealing; Retire Efficient Fan Controller.
12	Maintenance	\$0	\$0	\$0	\$0	\$0	0%	
13	Lighting [1]	\$125,195,583	\$31,298,696	\$55,818,060	\$9,303,010	(\$21,995,886)	-70%	Retire LED Interior Hardwired Fixtures and Torchlamps; Introduce measure cap for LED A-lamps.
14	Miscellaneous [1]	\$8,648,142	\$2,162,036	\$70,829,690	\$11,804,948	\$9,642,913	44%	Increased level of effort and additional time required per enrollment.
15	Customer Enrollment [1]	\$73,516,542	\$18,379,135	\$117,090,580	\$19,515,097	\$1,135,961	6%	Budget adjusted to meet historical spend; education fully transitioned to Enhanced Energy Education.
16	In Home Education [1]	\$19,181,877	\$4,795,469	\$35,348,440	\$5,891,407	\$1,095,938	23%	New Pilots.
17	Pilot	\$730,000	\$182,500	\$1,575,000	\$262,500	\$80,000	44%	Reduction in homes treated.
18	Implementation	\$25,223,055	\$6,305,764	\$31,778,240	\$5,296,373	(\$1,009,390)	-16%	
19	Energy Efficiency Total (row 8-18)	\$578,108,844	\$144,527,211	\$734,779,710	\$122,463,285	(\$22,063,926)	-15%	
20	Multifamily			\$34,113,500	\$15,685,583	\$570,940		
21	in-unit			\$2,225,640	\$370,940			
22	SFOC			\$135,499,790	\$22,583,298			
23	CAM			\$8,070,920	\$1,345,153			
24	CSD LMP			\$22,786,260	\$3,797,710			
25	Administrator fee			\$262,696,110	\$43,782,685			
26	Multifamily Total (row 21-25)	\$0	\$0	\$262,696,110	\$43,782,685			
27	ATL Subtotal (row 19 + 26)	\$578,108,844	\$144,527,211.01	\$997,475,820	\$166,245,970	\$21,718,759	15%	
28								
29	Training Center [2]	\$3,797,291	\$949,323	\$3,527,500	\$587,917	(\$361,406)	-38%	Budget adjusted to meet historical spend.
30	Workforce Education and Training	\$0	\$0	\$0	\$0	\$0	0%	
31	Inspections [2]	\$16,596,148	\$4,149,037	\$25,032,900	\$4,172,150	\$23,113	1%	Introduction of new programs.
32	Marketing and Outreach [2]	\$8,305,839	\$2,076,460	\$13,970,810	\$2,328,468	\$252,009	12%	
33	Statewide Marketing and Outreach	\$0	\$0	\$0	\$0	\$0	0%	
34	Studies	\$560,000	\$140,000	\$1,222,500	\$203,750	\$63,750	46%	Increased number of studies.
35	Regulatory Compliance [2]	\$2,574,351	\$643,588	\$4,653,710	\$775,618	\$132,031	21%	Increased headcount based on increase of regulatory related activities; additional working groups, updating regulatory reporting needs.
36	General Administration [2]	\$27,172,065	\$6,793,016	\$51,490,710	\$8,581,785	\$1,788,769	26%	Increased headcount and contract budget based on increase of program related activities; new programs, engineering support for workshops, solicitation PMO support, Independent Evaluator for solicitations, water agency leveraging expansion, increased E&M support for increased studies, IT updates and software licenses.
37	CPUC Energy Division	\$226,644	\$56,661	\$451,960	\$75,327	\$18,666	33%	
38	BTL Subtotal (row 29-37)	\$59,232,338	\$14,806,085	\$100,350,090	\$16,725,015.02	\$1,916,930	13%	Increase requested by CPUC Energy Division
39								
40	TOTAL PROGRAM COSTS (row 27 + 38)	\$637,341,182	\$159,335,295.60	\$1,097,825,910	\$182,970,985.02	\$23,635,689	15%	
41								
42	ATL%	91%	91%	91%	91%			
43	BTL%	9%	9%	9%	9%			
44	Total%	100%	100%	100%	100%			
45								
46								
47								
48								
49								

[1] Consumer Price Index (CPI) applied annually for ESA Contractor labor.

[2] 2020 authorized BTL budget and 2021-2026 proposed BTL budget include estimated employee benefit burden of approximately \$1.85 million.

[3] PG&amp;E created this table in support of ESA Chapter 1 - Section C.5.c.

	A	B	C	D	E	F	G	H	I
1	<b>PY 2021 - 2026 CARE Table B-1, Proposed Program Budget</b>								
2	<b>Pacific Gas and Electric</b>								
3									
4									
5	<b>CARE Budget Categories</b>	<b>2020 Authorized</b>	<b>2021 Proposed</b>	<b>2022 Proposed</b>	<b>2023 Proposed</b>	<b>2024 Proposed</b>	<b>2025 Proposed</b>	<b>2026 Proposed</b>	
6	Outreach	\$ 9,628,265	\$ 7,866,600	\$ 7,780,300	\$ 7,987,200	\$ 7,947,200	\$ 8,167,300	\$ 8,302,600	
7	Processing, Certification, Recertification	\$ 1,940,102	\$ 819,500	\$ 844,100	\$ 869,400	\$ 895,500	\$ 922,300	\$ 950,000	
8	Post Enrollment Verification	\$ 1,648,407	\$ 1,439,900	\$ 1,475,900	\$ 1,512,900	\$ 1,551,100	\$ 1,590,500	\$ 1,631,000	
9	IT Programming	\$ 1,837,500	\$ 1,656,300	\$ 1,090,600	\$ 1,123,300	\$ 1,157,000	\$ 1,191,700	\$ 1,227,500	
10	Cool Centers [2]	\$ -							
11	CHANGES Program	\$ 525,000	\$ 535,000	\$ 535,000	\$ 535,000	\$ 535,000	\$ 535,000	\$ 535,000	
12	Studies and Pilots	\$ -	\$ 22,500	\$ -	\$ 25,000	\$ 25,000	\$ 25,000	\$ 75,000	
13	Measurement and Evaluation	\$ 159,676	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	
14	Regulatory Compliance	\$ 1,062,517	\$ 358,600	\$ 369,400	\$ 380,500	\$ 391,900	\$ 403,600	\$ 415,700	
15	General Administration	\$ 1,025,775	\$ 1,089,200	\$ 1,296,800	\$ 1,155,300	\$ 1,189,800	\$ 1,225,300	\$ 1,261,900	
16	CPUC Energy Division Staff	\$ 128,000	\$ 163,000	\$ 167,900	\$ 173,000	\$ 178,100	\$ 183,500	\$ 189,000	
17	<b>SUBTOTAL PROGRAM MANAGEMENT</b>								
18	<b>COSTS [1]</b>	<b>\$ 17,955,243</b>	<b>\$ 14,150,600</b>	<b>\$ 13,760,000</b>	<b>\$ 13,961,600</b>	<b>\$ 14,070,600</b>	<b>\$ 14,444,200</b>	<b>\$ 14,787,700</b>	
19	Subsidies and Benefits	\$ 599,117,991	\$ 683,539,000	\$ 687,689,000	\$ 691,973,000	\$ 696,394,000	\$ 700,957,000	\$ 705,667,000	
20									
21	<b>TOTAL PROGRAM COSTS &amp; CUSTOMER DISCOUNTS</b>	<b>\$ 617,073,234</b>	<b>\$ 697,689,600</b>	<b>\$ 701,449,000</b>	<b>\$ 705,934,600</b>	<b>\$ 710,464,600</b>	<b>\$ 715,401,200</b>	<b>\$ 720,454,700</b>	
22									
23	[1] 2021-2026 proposed program management budget include estimated annual employee benefit burden of approximately \$906,314.								
24	[2] Funding for Cooling Centers has been requested in PG&E's 2020 GRC.								

	A	B	C	D	E	F
1	<b>PY 2021 - 2026 CARE and ESA Table B-2, Rate Impacts - Gas</b>					
2	<b>Pacific Gas &amp; Electric</b>					
3						
4	<b>PY 2021</b>	<b>Average Rate (dollar/Therms)</b>	<b>Portion for CARE surcharge and administration (dollar/Therms)</b>	<b>Portion for CARE rate exemptions (dollar/Therms)*</b>	<b>Portion for ESA (dollar/Therms)**</b>	<b>Average Rate (dollar/Therms) including surcharge</b>
5						
6						
7	<b>Customer Type</b>					
8	Residential - CARE	1.2578	0.0000	0.0000	0.0451	1.3030
9	Residential -Non CARE	1.5592	0.0308	0.0018	0.0451	1.6370
10	Small Commercial	1.0853	0.0308	0.0018	0.0000	1.1179
11	Large Commercial	0.7761	0.0308	0.0018	0.0000	0.8087
12	NGV	0.6554	0.0308	0.0018	0.0000	0.6880
13	Industrial - Distribution	0.3244	0.0308	0.0018	0.0000	0.3570
14	Industrial - Backbone/Transmission	0.1652	0.0308	0.0018	0.0000	0.1978
15						
16	<b>PY 2022</b>	<b>Average Rate (dollar/Therms)</b>	<b>Portion for CARE surcharge and administration (dollar/Therms)</b>	<b>Portion for CARE rate exemptions (dollar/Therms)*</b>	<b>Portion for ESA (dollar/Therms)**</b>	<b>Average Rate (dollar/Therms) including surcharge</b>
17						
18						
19	<b>Customer Type</b>					
20	Residential - CARE	1.2578	0.00000	0.00000	0.04353	1.3014
21	Residential -Non CARE	1.5592	0.03079	0.00178	0.04353	1.6353
22	Small Commercial	1.0853	0.03079	0.00178	0.00000	1.1179
23	Large Commercial	0.7761	0.03079	0.00178	0.00000	0.8087
24	NGV	0.6554	0.03079	0.00178	0.00000	0.6880
25	Industrial - Distribution	0.3244	0.03079	0.00178	0.00000	0.3570
26	Industrial - Backbone/Transmission	0.1652	0.03079	0.00178	0.00000	0.1978
27						
28	<b>PY 2023</b>	<b>Average Rate (dollar/Therms)</b>	<b>Portion for CARE surcharge and administration (dollar/Therms)</b>	<b>Portion for CARE rate exemptions (dollar/Therms)*</b>	<b>Portion for ESA (dollar/Therms)**</b>	<b>Average Rate (dollar/Therms) including surcharge</b>
29						
30						
31	<b>Customer Type</b>					
32	Residential - CARE	1.2578	0.00000	0.00000	0.04942	1.3073
33	Residential -Non CARE	1.5592	0.03080	0.00178	0.04942	1.6412
34	Small Commercial	1.0853	0.03080	0.00178	0.00000	1.1179
35	Large Commercial	0.7761	0.03080	0.00178	0.00000	0.8087
36	NGV	0.6554	0.03080	0.00178	0.00000	0.6880
37	Industrial - Distribution	0.3244	0.03080	0.00178	0.00000	0.3570
38	Industrial - Backbone/Transmission	0.1652	0.03080	0.00178	0.00000	0.1978
39						
40	<b>PY 2024</b>	<b>Average Rate (dollar/Therms)</b>	<b>Portion for CARE surcharge and administration (dollar/Therms)</b>	<b>Portion for CARE rate exemptions (dollar/Therms)*</b>	<b>Portion for ESA (dollar/Therms)**</b>	<b>Average Rate (dollar/Therms) including surcharge</b>
41						
42						
43	<b>Customer Type</b>					
44	Residential - CARE	1.2578	0.00000	0.00000	0.04927	1.3071
45	Residential -Non CARE	1.5592	0.03080	0.00178	0.04927	1.6411
46	Small Commercial	1.0853	0.03080	0.00178	0.00000	1.1179
47	Large Commercial	0.7761	0.03080	0.00178	0.00000	0.8087
48	NGV	0.6554	0.03080	0.00178	0.00000	0.6880
49	Industrial - Distribution	0.3244	0.03080	0.00178	0.00000	0.3570
50	Industrial - Backbone/Transmission	0.1652	0.03080	0.00178	0.00000	0.1978
51						
52	<b>PY 2025</b>	<b>Average Rate (dollar/Therms)</b>	<b>Portion for CARE surcharge and administration (dollar/Therms)</b>	<b>Portion for CARE rate exemptions (dollar/Therms)*</b>	<b>Portion for ESA (dollar/Therms)**</b>	<b>Average Rate (dollar/Therms) including surcharge</b>
53						
54						
55	<b>Customer Type</b>					
56	Residential - CARE	1.2578	0.00000	0.00000	0.04909	1.3069
57	Residential -Non CARE	1.5592	0.03082	0.00178	0.04909	1.6409
58	Small Commercial	1.0853	0.03082	0.00178	0.00000	1.1179
59	Large Commercial	0.7761	0.03082	0.00178	0.00000	0.8087
60	NGV	0.6554	0.03082	0.00178	0.00000	0.6881
61	Industrial - Distribution	0.3244	0.03082	0.00178	0.00000	0.3570
62	Industrial - Backbone/Transmission	0.1652	0.03082	0.00178	0.00000	0.1978
63						
64						

	A	B	C	D	E	F
65	<b>PY 2026</b>	<b>Average Rate (dollar/Therms)</b>	<b>Portion for CARE surcharge and administration (dollar/Therms)</b>	<b>Portion for CARE rate exemptions (dollar/Therms)*</b>	<b>Portion for ESA (dollar/Therms)**</b>	<b>Average Rate (dollar/Therms) including surcharge</b>
66						
67						
68	<b>Customer Type</b>					
69	<b>Residential - CARE</b>					
70	<b>Residential - Non CARE</b>	1.2578	0.00000	0.00000	0.04902	1.3069
71	<b>Small Commercial</b>	1.5592	0.03084	0.00178	0.04902	1.6409
72	<b>Large Commercial</b>	1.0853	0.03084	0.00178	0.00000	1.1179
73	<b>NGV</b>	0.7761	0.03084	0.00178	0.00000	0.8087
74	<b>Industrial - Distribution</b>	0.6554	0.03084	0.00178	0.00000	0.6881
75	<b>Industrial - Backbone/Transmission</b>	0.3244	0.03084	0.00178	0.00000	0.3570
76		0.1652	0.03084	0.00178	0.00000	0.1978
77	<b>*CARE customers are exempt from paying CSI Thermal</b>					
78	<b>**ESA Programs are allocated based on the Direct Allocation Method adopted in D.95-12-053 and updated in PG&amp;E's 2018 GCAP (D.19-10-036).</b>					

	A	B	C	D	E	F
1	<b>PY 2021 - 2026 CARE and ESA Table B-3, Rate Impacts - Electric</b>					
2	<b>Pacific Gas &amp; Electric</b>					
3						
4	<b>PY 2021</b>	<b>Average Rate (cents/kWh)</b>	<b>Portion for CARE surcharge and administration (cents/kWh)</b>	<b>Portion for CARE rate exemptions (cents/kWh)</b>	<b>Portion for ESA (cents/kWh)</b>	<b>Average Rate (cents/kWh) including surcharge</b>
5						
6						
7	<b>Customer Type</b>					
8	<b>Residential - CARE</b>	14.05	0.00	0.50	0.13	14.68
9	<b>Residential -Non CARE</b>	24.20	0.64	0.02	0.13	24.99
10	<b>Commercial</b>	21.73	0.64	0.00	0.14	22.51
11	<b>Industrial</b>	15.22	0.65	0.00	0.09	15.96
12	<b>Agricultural</b>	20.83	0.64	0.00	0.10	21.58
13	<b>Lighting</b>	25.30	0.64	0.00	0.14	26.08
14	<b>System</b>	20.30	0.57	0.06	0.11	21.05
15						
16	<b>PY 2022</b>	<b>Average Rate (cents/kWh)</b>	<b>Portion for CARE surcharge and administration (cents/kWh)</b>	<b>Portion for CARE rate exemptions (cents/kWh)</b>	<b>Portion for ESA (cents/kWh)</b>	<b>Average Rate (cents/kWh) including surcharge</b>
17						
18						
19	<b>Customer Type</b>					
20	<b>Residential - CARE</b>	14.05	0.00	0.50	0.13	14.68
21	<b>Residential -Non CARE</b>	24.20	0.64	0.02	0.13	24.99
22	<b>Commercial</b>	21.73	0.64	0.00	0.14	22.51
23	<b>Industrial</b>	15.22	0.65	0.00	0.09	15.95
24	<b>Agricultural</b>	20.83	0.64	0.00	0.10	21.57
25	<b>Lighting</b>	25.30	0.64	0.00	0.13	26.08
26	<b>System</b>	20.30	0.57	0.06	0.11	21.04
27						
28	<b>PY 2023</b>	<b>Average Rate (cents/kWh)</b>	<b>Portion for CARE surcharge and administration (cents/kWh)</b>	<b>Portion for CARE rate exemptions (cents/kWh)</b>	<b>Portion for ESA (cents/kWh)</b>	<b>Average Rate (cents/kWh) including surcharge</b>
29						
30						
31	<b>Customer Type</b>					
32	<b>Residential - CARE</b>	14.05	0.00	0.50	0.14	14.69
33	<b>Residential -Non CARE</b>	24.20	0.64	0.02	0.14	25.01
34	<b>Commercial</b>	21.73	0.64	0.00	0.16	22.53
35	<b>Industrial</b>	15.22	0.65	0.00	0.10	15.97
36	<b>Agricultural</b>	20.83	0.64	0.00	0.11	21.59
37	<b>Lighting</b>	25.30	0.64	0.00	0.15	26.10
38	<b>System</b>	20.30	0.57	0.06	0.12	21.06
39						
40	<b>PY 2024</b>	<b>Average Rate (cents/kWh)</b>	<b>Portion for CARE surcharge and administration (cents/kWh)</b>	<b>Portion for CARE rate exemptions (cents/kWh)</b>	<b>Portion for ESA (cents/kWh)</b>	<b>Average Rate (cents/kWh) including surcharge</b>
41						
42						
43	<b>Customer Type</b>					
44	<b>Residential - CARE</b>	14.05	0.00	0.50	0.14	14.69
45	<b>Residential -Non CARE</b>	24.20	0.64	0.02	0.14	25.01
46	<b>Commercial</b>	21.73	0.64	0.00	0.16	22.53
47	<b>Industrial</b>	15.22	0.65	0.00	0.10	15.97
48	<b>Agricultural</b>	20.83	0.64	0.00	0.11	21.59
49	<b>Lighting</b>	25.30	0.64	0.00	0.15	26.10
50	<b>System</b>	20.30	0.57	0.06	0.12	21.06
51						

	A	B	C	D	E	F
52	<b>PY 2025</b>	<b>Average Rate (cents/kWh)</b>	<b>Portion for CARE surcharge and administration (cents/kWh)</b>	<b>Portion for CARE rate exemptions (cents/kWh)</b>	<b>Portion for ESA (cents/kWh)</b>	<b>Average Rate (cents/kWh) including surcharge</b>
53						
54						
55	<b>Customer Type</b>					
56	<b>Residential - CARE</b>	14.05	0.00	0.50	0.14	14.69
57	<b>Residential -Non CARE</b>	24.20	0.64	0.02	0.14	25.01
58	<b>Commercial</b>	21.73	0.64	0.00	0.16	22.53
59	<b>Industrial</b>	15.22	0.65	0.00	0.10	15.97
60	<b>Agricultural</b>	20.83	0.64	0.00	0.11	21.59
61	<b>Lighting</b>	25.30	0.64	0.00	0.15	26.10
62	<b>System</b>	20.30	0.57	0.06	0.12	21.06
63						
64						
65	<b>PY 2026</b>	<b>Average Rate (cents/kWh)</b>	<b>Portion for CARE surcharge and administration (cents/kWh)</b>	<b>Portion for CARE rate exemptions (cents/kWh)</b>	<b>Portion for ESA (cents/kWh)</b>	<b>Average Rate (cents/kWh) including surcharge</b>
66						
67						
68	<b>Customer Type</b>					
69	<b>Residential - CARE</b>	14.05	0.00	0.50	0.14	14.69
70	<b>Residential -Non CARE</b>	24.20	0.64	0.02	0.14	25.01
71	<b>Commercial</b>	21.73	0.64	0.00	0.16	22.53
72	<b>Industrial</b>	15.22	0.65	0.00	0.10	15.97
73	<b>Agricultural</b>	20.83	0.64	0.00	0.11	21.59
74	<b>Lighting</b>	25.30	0.64	0.00	0.15	26.10
75	<b>System</b>	20.30	0.57	0.06	0.12	21.06

D.19-06-022 Attachment B

ESA Table B-4

		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB		
1		PY 2021 - 2026 CARE Table B-4, Estimated Penetration																													
2		Pacific Gas & Electric																													
3																															
4	Total Enrolled Through May 2019	Total Enrolled		PY 2019		Estimated Net PY 2019		Estimated PY 2019		Estimated Net PY 2019		Estimated PY 2020		Estimated PY 2021		Estimated PY 2022		Estimated PY 2023		Estimated PY 2024		Estimated PY 2025		Estimated PY 2026		Estimated PY 2027		Estimated PY 2028			
		Enrolled		Through May 2019		Estimated Net PY 2019		Estimated PY 2019		Estimated Net PY 2019		Estimated PY 2020		Estimated PY 2021		Estimated PY 2022		Estimated PY 2023		Estimated PY 2024		Estimated PY 2025		Estimated PY 2026		Estimated PY 2027		Estimated PY 2028			
5	[Source]	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)		
		1,376,033	1,375,445	-8,003	1,388,000	-18,000	1,350,000	93%	1,350,000	93%	1,350,000	93%	1,350,000	93%	1,350,000	93%	1,350,000	93%	1,350,000	93%	1,350,000	93%	1,350,000	93%	1,350,000	93%	1,350,000	93%	1,350,000	93%	
		6	1,376,033	1,375,445	-8,003	1,388,000	-18,000	1,350,000	93%	1,350,000	93%	1,350,000	93%	1,350,000	93%	1,350,000	93%	1,350,000	93%	1,350,000	93%	1,350,000	93%	1,350,000	93%	1,350,000	93%	1,350,000	93%	1,350,000	93%
		7	1,376,033	1,375,445	-8,003	1,388,000	-18,000	1,350,000	93%	1,350,000	93%	1,350,000	93%	1,350,000	93%	1,350,000	93%	1,350,000	93%	1,350,000	93%	1,350,000	93%	1,350,000	93%	1,350,000	93%	1,350,000	93%	1,350,000	93%
		8	1,376,033	1,375,445	-8,003	1,388,000	-18,000	1,350,000	93%	1,350,000	93%	1,350,000	93%	1,350,000	93%	1,350,000	93%	1,350,000	93%	1,350,000	93%	1,350,000	93%	1,350,000	93%	1,350,000	93%	1,350,000	93%	1,350,000	93%
		9	1,376,033	1,375,445	-8,003	1,388,000	-18,000	1,350,000	93%	1,350,000	93%	1,350,000	93%	1,350,000	93%	1,350,000	93%	1,350,000	93%	1,350,000	93%	1,350,000	93%	1,350,000	93%	1,350,000	93%	1,350,000	93%	1,350,000	93%
		10	1,376,033	1,375,445	-8,003	1,388,000	-18,000	1,350,000	93%	1,350,000	93%	1,350,000	93%	1,350,000	93%	1,350,000	93%	1,350,000	93%	1,350,000	93%	1,350,000	93%	1,350,000	93%	1,350,000	93%	1,350,000	93%	1,350,000	93%
		11	1,376,033	1,375,445	-8,003	1,388,000	-18,000	1,350,000	93%	1,350,000	93%	1,350,000	93%	1,350,000	93%	1,350,000	93%	1,350,000	93%	1,350,000	93%	1,350,000	93%	1,350,000	93%	1,350,000	93%	1,350,000	93%	1,350,000	93%
		12	1,376,033	1,375,445	-8,003	1,388,000	-18,000	1,350,000	93%	1,350,000	93%	1,350,000	93%	1,350,000	93%	1,350,000	93%	1,350,000	93%	1,350,000	93%	1,350,000	93%	1,350,000	93%	1,350,000	93%	1,350,000	93%	1,350,000	93%

8. (a) Estimated Goal Rate will fluctuate based on updated CARE Eligibility information.  
 9. (b) CARE Average Net Penetration based on 5/1/19.  
 10. (c) Each utility's estimate based on eligibility rates filed.  
 11. (d) Most recent estimates of net enrollments.  
 12. (e) Not in Guidance Document template, added to align with the rest of the table.

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
1	PY 2021 - 2026 CARE Table B-5, Low Income Customer Usage Levels																	
2	Pacific Gas & Electric																	
3																		
4																		
5																		
6																		
7	Electric	Total	1,149,000	94,721	1,134,000	101,844	1,134,000	69,811	1,134,000	62,844	1,134,000	64,006	1,134,000	58,116	1,134,000	56,080	1,134,000	54,116
8		Minimum Bill	618	24	610	26	610	18	610	16	610	16	610	15	610	14	610	14
9		Tier 1*	214,358	17,435	211,560	18,746	211,560	12,850	211,560	11,568	211,560	11,782	211,560	10,697	211,560	10,323	211,560	9,961
10		Tier 2*	846,048	68,886	835,002	74,067	835,002	50,771	835,002	45,704	835,002	46,549	835,002	42,265	835,002	40,785	835,002	39,356
11		High Usage Surcharge	40,968	4,424	40,434	4,756	40,434	3,260	40,434	2,935	40,434	2,989	40,434	2,714	40,434	2,619	40,434	2,527
12		TOU	47,008	3,951	46,394	4,248	46,394	2,912	46,394	2,622	46,394	2,670	46,394	2,424	46,394	2,339	46,394	2,257
13		Total	1,040,000	78,390	1,026,000	84,285	1,026,000	57,775	1,026,000	52,008	1,026,000	52,970	1,026,000	48,096	1,026,000	46,411	1,026,000	44,785
14	Gas	Minimum Bill	18,189	1,301	17,944	1,398	17,944	959	17,944	863	17,944	879	17,944	798	17,944	770	17,944	743
15		Below Baseline*	181,655	12,437	179,210	13,372	179,210	9,166	179,210	8,251	179,210	8,404	179,210	7,631	179,210	7,363	179,210	7,105
16		Above Baseline*	840,156	64,652	828,846	69,514	828,846	47,650	828,846	42,894	828,846	43,687	828,846	39,667	828,846	38,278	828,846	36,937
17																		
18																		
19	* Utility may include a more detailed breakdown of gas customers' usage level and an explanation of measurement breakdown employed.																	
20	The usage tier should be reported as the tier the customer was on, the maximum number of months, in the reported year.																	
21	[1] Projected usage data based on recorded 2018 usage levels.																	



	A	B	C	D	E	F	G	H	I	J
1	<b>PY 2021 - 2026 ESA &amp; CARE Table C-1, Pilots and Studies</b>									
2	<b>Pacific Gas &amp; Electric</b>									
3										
4										
5										
6										
7										
8										
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19										
20										
21										
22										
23										

Studies									
Line No.	Study	Statewide	Total Cost	Percent paid by PG&E	Total Cost paid by PG&E	ESA Cost [3]	CARE Cost [3]	Start Date [4]	End Date
1	Impact Evaluations (2-4 Studies)	Yes	\$ 1,500,000	30%	\$ 450,000	\$ 450,000		2022	2025
2	Process Evaluations (1-4 Studies)	Yes	\$ 500,000	30%	\$ 150,000	\$ 150,000		2023	2025
3	LINA 2022 [1]	Yes						2020	2022
4	LINA 2025	Yes	\$ 500,000	30%	\$ 150,000	\$ 75,000	\$ 75,000	2023	2025
5	LINA 2028 [2]	Yes	\$ 500,000	30%	\$ 150,000	\$ 75,000	\$ 75,000	2026	2028
6	Non Energy Benefits Study	Yes	\$ 500,000	30%	\$ 150,000	\$ 150,000		2021	2022
7	Statewide CARE-ESA Categorical Study	Yes	\$ 150,000	30%	\$ 45,000	\$ 22,500	\$ 22,500	2021	2021
8	IOU Discretionary	Yes	\$ 1,200,000	25%	\$ 300,000	\$ 300,000			
Total			\$ 4,850,000		\$ 1,395,000	\$ 1,222,500	\$ 172,500		
[1] LINA 2022 Study will be scoped and bid in 2020 in order to begin in 2021. Budget will be requested from 2017-2020 ESA budgets in an AL (Q3/4 2019). AL will request to carryover this committed funding to the next cycle. The Study will be completed in 2022.									
[2] LINA 2028 Study will be scoped and bid in 2026. Budget is requested in 2021-2026 cycle in order to bid the Study out in 2026. PG&E requests to carryover this committed funding into the succeeding cycle. The Study will be completed in 2028.									
[3] Budgets for jointly funded ESA-CARE Studies are split 50-50.									
[4] Start date indicates beginning of vendor contract spend and are estimates.									
Pilots									
Line No.	Pilot	Statewide	Total Cost	Percent paid by PG&E	Total Cost paid by PG&E	ESA Cost	CARE Cost	Start Date [4]	End Date
1	Virtual Energy Coach	No	\$1,300,000	100%	\$1,300,000	\$1,300,000		2021	2024
2	Long Term CARE Customer Pilot	No	\$275,000	100%	\$275,000	\$275,000		2023	2025
Total			\$1,575,000		\$ 1,575,000	\$ 1,575,000			

	A	B	C	D	E	F	G	H
1	<b>PY 2021 - 2026 FERA Table D-1, Proposed Program Budget [1]</b>							
2	<b>Pacific Gas and Electric</b>							
3								
4								
5	<b>FERA Budget Categories</b>	<b>2021 Proposed Budget</b>	<b>2022 Proposed Budget</b>	<b>2023 Proposed Budget</b>	<b>2024 Proposed Budget</b>	<b>2025 Proposed Budget</b>	<b>2026 Proposed Budget</b>	<b>2021-2026 Total Proposed Budget</b>
6	Outreach	\$ 2,290,800	\$ 2,583,100	\$ 2,641,500	\$ 2,704,400	\$ 2,766,300	\$ 2,830,000	\$ 15,816,100
7	Processing, Certification, Recertification	\$ 53,800	\$ 55,400	\$ 57,100	\$ 58,800	\$ 60,600	\$ 62,400	\$ 348,100
8	Verification	\$ 79,200	\$ 81,500	\$ 84,000	\$ 86,500	\$ 89,100	\$ 91,800	\$ 512,100
9	IT Programming	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
10	Regulatory Compliance	\$ 27,800	\$ 28,700	\$ 29,500	\$ 30,400	\$ 31,300	\$ 32,200	\$ 179,900
11	General Administration	\$ 52,100	\$ 53,700	\$ 55,300	\$ 56,900	\$ 58,600	\$ 60,400	\$ 337,000
12	CPUC Energy Division Staff	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
13	<b>SUBTOTAL PROGRAM COSTS [2]</b>	<b>\$ 2,503,700</b>	<b>\$ 2,802,400</b>	<b>\$ 2,867,400</b>	<b>\$ 2,937,000</b>	<b>\$ 3,005,900</b>	<b>\$ 3,076,800</b>	<b>\$ 17,193,200</b>
14	FERA Rate Discount	\$ 10,353,000	\$ 12,898,000	\$ 15,727,000	\$ 18,273,000	\$ 20,819,000	\$ 23,364,000	\$ 101,434,000
15	<b>TOTAL PROGRAM COST &amp; CUSTOMER DISCOUNTS</b>	<b>\$ 12,856,700</b>	<b>\$ 15,700,400</b>	<b>\$ 18,594,400</b>	<b>\$ 21,210,000</b>	<b>\$ 23,824,900</b>	<b>\$ 26,440,800</b>	<b>\$ 118,627,200</b>
16								
17	[1] PG&E created this table in support of FERA program testimony for PY 2021-26.							
18	[2] 2021-2026 proposed program management budget include estimated annual employee benefit burden of approximately \$6,632.							

# **ATTACHMENT 2**



**ELECTRIC PRELIMINARY STATEMENT PART DX**  
**FAMILY ELECTRIC RATE ASSISTANCE BALANCING ACCOUNT**

Sheet 1

**DX. FAMILY ELECTRIC RATE ASSISTANCE BALANCING ACCOUNT (FERABA)**

1. **PURPOSE:** The purpose of the electric FERABA is to record the revenue shortfalls, ~~and~~ program administrative costs, and marketing costs for the large household program (also called the Family Electric Rate Assistance (FERA) program) approved by Decisions 04-02-057 and 07-09-004. (T)
2. **APPLICABILITY:** The FERABA shall apply to all electric customers except for those specifically excluded by the Commission.
3. **REVISION DATE:** Disposition of the balance in this account shall be determined through the Annual Electric True-Up (AET) advice letter process.
4. **RATES:** This account does not currently have a rate component.
5. **ACCOUNTING PROCEDURE:** PG&E shall make entries to the following subaccounts at the end of each month as follows:
  - a) A debit entry equal to the FERA revenue shortfall in residential customer revenue resulting from the change in price from Tier 3 to Tier 2 for all enrolled FERA customers. The revenue shortfall is computed by subtracting the residential customers' monthly revenues from the revenues that would have been recovered from customers had the Tier 3 rate not been reduced.
  - b) A debit entry equal to the FERA discount for charges for the California Solar Initiative. (N)
  - c) A debit entry equal to the administrative costs and marketing costs associated with the FERA program. (T)
  - d) A credit entry to transfer the balance to other regulatory accounts as appropriate for rate recovery, upon approval by the CPUC. (T)
  - e) A debit entry equal to interest on the average balance in the account at the beginning of the month and the balance after the above entry, at a rate equal to one-twelfth of the rate on three-month Commercial Paper for the previous month, as reported in the Federal Reserve Statistical Release, H.15, or its successor. (T)

# ATTACHMENT 3

# PACIFIC GAS AND ELECTRIC COMPANY

## COMPARISON OF GAS TRANSPORTATION RATES

**NOTE: Page reformatted/lines added to include Greenhouse Gas Compliance Cost Component and California Natural Gas Climate Credit for Residen**

Rate Schedules	8/1/2019 <sup>(2)</sup>	Average Rate No PPP	10/1/2019 <sup>(1)</sup>	% Chg from Aug 1, 2019	Average Rate No PPP	% Chg from Aug 1, 2019
<b>Comparison of Gas Accord Tariffs - Current rates - effective Oct 1, 2019</b>						
<b>Gas Schedule G-AA</b>	<b>1/1/2018 (2)</b>		<b>10/1/2019 (1)</b>	<b>% Chg From 1/1/18</b>		<b>% Chg From 1/1/18</b>
Path	Usage Rate		Usage Rate			
Redwood to On-System (Per Dth)	\$0.5409		\$0.5886	8.81%		
Baja to On-System (Per Dth)	\$0.5889		\$0.7086	20.32%		
Silverado to On-System (Per Dth)	\$0.3395		\$0.4052	19.34%		
Mission to On-System (Per Dth)	\$0.0000		\$0.0000	0.00%		
<b>Gas Schedule G-AAOFF</b>						
Path	Usage Rate		Usage Rate			
Redwood to Off-System (Per Dth)	\$0.5409		\$0.5886	8.81%		
Baja to Off-System (Per Dth)	\$0.5889		\$0.7086	20.32%		
Silverado to Off-System (Per Dth)	\$0.5409		\$0.5886	8.81%		
Mission to Off-System (Per Dth)	\$0.5409		\$0.5886	8.81%		
Mission to Off-System Storage Withdrawls (Per Dth)	\$0.0000		\$0.0000	0.00%		
<b>Gas Schedule G-AFT</b>	<b>Reservation Rate</b>		<b>Reservation Rate</b>			
Path	MFV Rates	SFV Rates	MFV Rates	SFV Rates		
Redwood to On-System (Per Dth)	\$10.1813	\$13.6814	\$10.8592	6.66%	\$14.8458	8.51%
Redwood to On-System Core Procurement Groups Only (Per Dth)	\$9.1607	\$11.8245	\$10.3200	12.66%	\$13.7304	16.12%
Baja to On-System (Per Dth)	\$11.0848	\$14.8954	\$13.0732	17.94%	\$17.8727	19.99%
Baja to On-System Core Procurement Groups Only (Per Dth)	\$10.1008	\$13.0380	\$12.5942	24.69%	\$16.7562	28.52%
Silverado to On-System (Per Dth)	\$6.4307	\$8.5814	\$7.4504	15.86%	\$10.2169	19.06%
Mission to On-System (Per Dth)	\$6.4307	\$8.5814	\$7.4504	15.86%	\$10.2169	19.06%
Path	<b>Usage Rate</b>		<b>Usage Rate</b>			
Redwood to On-System (Per Dth)	MFV Rates	SFV Rates	MFV Rates	SFV Rates		
Redwood to On-System Core Procurement Groups Only (Per Dth)	\$0.1160	\$0.0010	\$0.1335	15.05%	\$0.0024	138.68%
Baja to On-System (Per Dth)	\$0.0886	\$0.0010	\$0.1145	29.23%	\$0.0024	137.18%
Baja to On-System Core Procurement Groups Only (Per Dth)	\$0.1263	\$0.0010	\$0.1607	27.21%	\$0.0029	187.34%
Silverado to On-System (Per Dth)	\$0.0977	\$0.0011	\$0.1397	43.01%	\$0.0029	163.13%
Mission to On-System (Per Dth)	\$0.0715	\$0.0008	\$0.0927	29.64%	\$0.0017	117.23%
Mission to On-System Storage Withdrawls (Conversion option from Firm ON-System Rewood or Baja Path only)	\$0.0715	\$0.0008	\$0.0927	29.64%	\$0.0017	117.23%
	\$0.0000	\$0.0000	\$0.0000	0.00%	\$0.0000	0.00%
<b>Gas Schedule G-AFTOFF</b>	<b>Reservation Rate</b>		<b>Reservation Rate</b>			
Path	MFV Rates	SFV Rates	MFV Rates	SFV Rates		
Redwood to Off-System (Per Dth)	\$10.1813	\$13.6814	\$10.8592	6.66%	\$14.8458	8.51%
Baja to Off-System (Per Dth)	\$11.0848	\$14.8954	\$13.0732	17.94%	\$17.8727	19.99%
Silverado to Off-System (Per Dth)	\$10.1813	\$13.6814	\$10.8592	6.66%	\$14.8458	8.51%
Mission to Off-System (Per Dth)	\$10.1813	\$13.6814	\$10.8592	6.66%	\$14.8458	8.51%
Path	<b>Usage Rate</b>		<b>Usage Rate</b>			
Redwood to Off-System (Per Dth)	MFV Rates	SFV Rates	MFV Rates	SFV Rates		
Baja to Off-System (Per Dth)	\$0.1160	\$0.0010	\$0.1335	15.05%	\$0.0024	138.68%
Silverado to Off-System (Per Dth)	\$0.1263	\$0.0010	\$0.1607	27.21%	\$0.0029	187.34%
Mission to Off-System (Per Dth)	\$0.1160	\$0.0010	\$0.1335	15.05%	\$0.0024	138.68%
	\$0.1160	\$0.0010	\$0.1335	15.05%	\$0.0024	138.68%
<b>Gas Schedule G-BAL</b>						
Self-Balancing Credit Paragraph Section	\$0.0200		\$0.0318	59.02%		
<b>Gas Schedule G-CFS</b>						
Reservation Charge per Dth per month	\$0.1913		\$0.3071	60.53%		
<b>Gas Schedule G-LEND</b>						
Minimum Rate (per transaction)	\$57.00		\$57.00	0.00%		
Maximum Rate (per Dth per day)	\$1.1650		\$1.1650	0.00%		
<b>Gas Schedule G-NAS</b>						
Injection Maximum Rates (Per Dth/Day)	\$5.7236		\$5.7236	0.00%		
Withdrawal Maximum Rates (Per Dth/Day)	\$26.1629		\$26.1629	0.00%		
<b>Gas Schedule G-NFS</b>						
Injection Maximum Rates (Per Dth/Day)	\$5.7236		\$5.7236	0.00%		
Inventory (Per Dth)	\$3.5541		\$3.5541	0.00%		
Withdrawal Maximum Rates (Per Dth/Day)	\$26.1629		\$26.1629	0.00%		
<b>Gas Schedule G-PARK</b>						
Minimum Rate (per transaction)	\$57.00		\$57.0000	0.00%		
Maximum Rate (per Dth per day)	\$1.1650		\$1.1650	0.00%		
<b>Gas Schedule G-SFS</b>						
Reservation Charge per Dth per month	\$0.2962		\$0.3698	24.83%		
<b>Gas Schedule G-SFT</b>	<b>Reservation Rate</b>		<b>Reservation Rate</b>			
Path	MFV Rates	SFV Rates	MFV Rates	SFV Rates		
Redwood to On-System (Per Dth)	\$12.21750	\$16.41760	\$13.0310	6.66%	\$17.8150	8.51%
Baja to On-System (Per Dth)	\$13.30170	\$17.87450	\$15.6879	17.94%	\$21.4472	19.99%
Baja to On-System Core Procurement Groups Only (Per Dth)	\$12.12090	\$15.64560	\$15.1131	24.69%	\$20.1074	28.52%
Silverado to On-System (Per Dth)	\$7.71680	\$10.29770	\$8.9405	15.86%	\$12.2602	19.06%
Mission to On-System (Per Dth)	\$7.71680	\$10.29770	\$8.9405	15.86%	\$12.2602	19.06%
Path	<b>Usage Rate</b>		<b>Usage Rate</b>			
Redwood to On-System (Per Dth)	MFV Rates	SFV Rates	MFV Rates	SFV Rates		
Baja to On-System (Per Dth)	\$0.1392	\$0.0012	\$0.1601	15.05%	\$0.0029	138.68%
Baja to On-System Core Procurement Groups Only (Per Dth)	\$0.1516	\$0.0013	\$0.1928	27.17%	\$0.0034	165.24%
Silverado to On-System (Per Dth)	\$0.1172	\$0.0013	\$0.1677	43.06%	\$0.0035	167.18%
Mission to On-System (Per Dth)	\$0.0858	\$0.0009	\$0.1112	29.64%	\$0.0021	131.71%
	\$0.0858	\$0.0009	\$0.1112	29.64%	\$0.0021	131.71%
<b>Gas Schedule G-XF</b>						
SFV Reservation Rates (Per Dth Per Month)	5.7955		\$5.1950	-10.36%		
SFV Usage Rates Rates (Per Dth)	0.0001		\$0.0002	74.24%		

Notes:

1) Rates are based on 10/1/2019 - GT&S Decision 19-09-025, AL 4149-G for noncore tariffs and AL 4148-G for core tariffs.

2) Rates are based on 1/1/2018 - Annual Gas True-Up implemented with AL 3919-G for noncore tariffs; AL 3918-G for core tariffs; and AL 3901-G for Public Purpose Program Surcharge.

# PACIFIC GAS AND ELECTRIC COMPANY

## COMPARISON OF GAS TRANSPORTATION RATES

**NOTE: Page reformatted/lines added to include Greenhouse Gas Compliance Cost Component and California Natural Gas Climate Credit for Residen**

Rate Schedules	8/1/2019 <sup>(2)</sup>	Average Rate No PPP	10/1/2019 <sup>(1)</sup>	% Chg from Aug 1, 2019	Average Rate No PPP	% Chg from Aug 1, 2019
<b>Comparison of Core Schedules:</b>						
<b>Residential (G-1, GM, GS, GT)</b>						
Transportation Charge (\$/Therm)						
Tier 1	\$0.96652	\$1.18628	\$0.98932	2.36%	\$1.21428	2.4% Avg. Summer (Apr-Oct)
Tier 2	\$1.54643	\$1.15672	\$1.58292	2.36%	\$1.18402	2.4% Avg. Winter (Jan-Mar, Nov-Dec)
Average Rate from RTP		\$1.16976			\$1.19729	2.4% Avg. Annual
California Natural Gas Climate Credit <sup>3</sup>	(\$25.45)		(\$25.45)			
Greenhouse Gas Compliance Cost <sup>4</sup>	\$0.04781		\$0.04781			
<b>Residential Natural Gas Vehicle (G1-NGV)</b>						
Customer Charge	\$0.41425		\$0.41425	0.00%		
Transportation Charge (\$/therm) implemented 2/1/06	\$0.68092		\$0.70821	4.01%		
California Natural Gas Climate Credit <sup>3</sup>	(\$25.45)		(\$25.45)			
Greenhouse Gas Compliance Cost <sup>4</sup>	\$0.04781		\$0.04781			
<b>Small Commercial (G-NR1)</b>						
Customer Charge 0 - 5.0 therms (\$/day)	\$0.27048		\$0.27048	0.00%		
Customer Charge 5.1 - 16.0 therms (\$/day)	\$0.52106		\$0.52106	0.00%		
Customer Charge 16.1 - 41.0 therms (\$/day)	\$0.95482		\$0.95482	0.00%		
Customer Charge 41.1 - 123.0 therms (\$/day)	\$1.66489		\$1.66489	0.00%		
Customer Charge >123.1 therms (\$/day)	\$2.14936		\$2.14936	0.00%		
Transportation Charge (\$/Therm)						
Summer (1st 4,000)	\$0.66771	\$0.70483	\$0.68974	3.30%	\$0.72627	3.0% Avg. Summer
Summer (Excess)	\$0.38435		\$0.40238	4.69%		
Winter (1st 4,000)	\$0.78078	\$0.73047	\$0.80519	3.13%	\$0.79422	3.1% Avg. Winter
Winter (Excess)	\$0.44943		\$0.46973	4.52%		
Greenhouse Gas Compliance Cost <sup>4</sup>	\$0.04781	\$0.74187	\$0.04781		\$0.76461	3.1% Avg. Annual
<b>Large Commercial (G-NR2)</b>						
Customer Charge (\$/Day)	\$4.95518		\$4.95518	0.00%		
Transportation Charge (\$/Therm)						
Summer (1st 4,000)	\$0.66771	\$0.41892	\$0.68974	3.30%	\$0.43738	4.4% Avg. Summer
Summer (Excess)	\$0.38435		\$0.40238	4.69%		
Winter (1st 4,000)	\$0.78078	\$0.48475	\$0.80519	3.13%	\$0.50544	4.3% Avg. Winter
Winter (Excess)	\$0.44943		\$0.46973	4.52%		
Greenhouse Gas Compliance Cost <sup>4</sup>	\$0.04781	\$0.44634	\$0.04781		\$0.46572	4.3% Avg. Annual
<b>Residential Transport-Only (G-CT)</b>						
Transportation Charge (\$/Therm)						
Tier 1	\$0.96652		\$0.98932	2.36%		
Tier 2	\$1.54643		\$1.58292	2.36%		
California Natural Gas Climate Credit <sup>3</sup>	(\$25.45)		(\$25.45)			
Greenhouse Gas Compliance Cost <sup>4</sup>	\$0.04781		\$0.04781			
<b>Small Commercial Transport-Only (G-CT)</b>						
Transportation Charge (\$/Therm)						
Summer (1st 4,000)	\$0.66771		\$0.68974	3.30%		
Summer (Excess)	\$0.38435		\$0.40238	4.69%		
Winter (1st 4,000)	\$0.78078		\$0.80519	3.13%		
Winter (Excess)	\$0.44943		\$0.46973	4.52%		
Greenhouse Gas Compliance Cost <sup>4</sup>	\$0.04781		\$0.04781			
<b>Large Commercial Transport-Only (G-CT)</b>						
Transportation Charge (\$/Therm)						
Summer (1st 4,000)	\$0.66771		\$0.68974	3.30%		
Summer (Excess)	\$0.38435		\$0.40238	4.69%		
Winter (1st 4,000)	\$0.78078		\$0.80519	3.13%		
Winter (Excess)	\$0.44943		\$0.46973	4.52%		
Greenhouse Gas Compliance Cost <sup>4</sup>	\$0.04781		\$0.04781			
<b>Natural Gas Vehicle - Uncompressed (G-NGV1)</b>						
Customer Charge (\$/Day)	\$0.44121		\$0.44121	0.00%		
Transportation Charge (\$/Therm)	\$0.35867	\$0.35986	\$0.37707	5.13%	\$0.37826	5.1%
Greenhouse Gas Compliance Cost <sup>4</sup>	\$0.04781		\$0.04781			
<b>Natural Gas Vehicle - Compressed (G-NGV2)</b>						
Customer Charge (\$/Day)	\$0.00		\$0.00	0.00%		
Transportation Charge (\$/Therm)	\$1.84368	\$1.84368	\$1.87896	1.91%	\$1.87896	1.9%
Greenhouse Gas Compliance Cost <sup>4</sup>	\$0.04781		\$0.04781			
<b>G-PPP CORE CUSTOMERS</b>						
Residential Non-Care	\$0.09047		\$0.09047	0.00%		
Residential CARE	\$0.06478		\$0.06478	0.00%		
Small Commercial	\$0.04319		\$0.04319	0.00%		
Large Commercial	\$0.09542		\$0.09542	0.00%		
Natural Gas Vehicle	\$0.02811		\$0.02811	0.00%		

**Notes:**

- 1) Rates are based on 10/1/2019 - GT&S Decision 19-09-025, AL 4149-G for noncore tariffs and AL 4148-G for core tariffs.
- 2) Rates are based on 8/1/2019 - Includes Removal of 2015 GT&S Undercollection and 2019 Pension RRG Increase with AL 4123-G for noncore tariffs and AL 4122-G for core tariffs.
- 3) Residential Annual Credit in April bill cycle.
- 4) Covered Entities (i.e., customers that currently have a direct obligation to pay for allowances directly to the Air Resources Board for their Greenhouse Gas (GHG) emissions) will see a line item credit on their bill equal to \$0.04781 per therm times their monthly billed volumes.

# PACIFIC GAS AND ELECTRIC COMPANY

## COMPARISON OF GAS TRANSPORTATION RATES

**NOTE: Page reformatted/lines added to include Greenhouse Gas Compliance Cost Component and California Natural Gas Climate Credit for Residen**

Rate Schedules	8/1/2019 <sup>(2)</sup>	Average Rate No PPP	10/1/2019 <sup>(1)</sup>	% Chg from Aug 1, 2019	Average Rate No PPP	% Chg from Aug 1, 2019
<b>Comparison of Noncore Schedules</b>						
<b>Industrial (G-NT)</b>						
<u>Customer Access Charge (\$/Day)</u>						
0 to 5,000 therms	\$1.10893		\$0.98466	-11.2%		
5,001 to 10,000 therms	\$3.30279		\$2.93359	-11.2%		
10,001 to 50,000 therms	\$6.14729		\$5.45984	-11.2%		
50,001 to 200,000 therms	\$8.06762		\$7.16548	-11.2%		
200,001 to 1,000,000 therms	\$11.70542		\$10.39660	-11.2%		
1,000,001 therms and above	\$99.29227		\$88.18915	-11.2%		
<u>Transportation Charge (\$/Therm)</u>						
Backbone	0.07024	\$0.07098	0.06694	-4.70%	\$0.06775	-4.6%
Transmission	\$0.16409	\$0.16502	\$0.16626	1.32%	\$0.16702	1.2%
Distribution (Summer) Tier 1	\$0.38141	\$0.31991	\$0.38426	0.75%	\$0.32208	0.7%
Distribution (Summer) Tier 2	\$0.29689		\$0.29949	0.88%		
Distribution (Summer) Tier 3	\$0.27962		\$0.28217	0.91%		
Distribution (Summer) Tier 4	\$0.26612		\$0.26863	0.94%		
Distribution (Summer) Tier 5	\$0.16409		\$0.16626	1.32%		
Distribution (Winter) Tier 1	\$0.46303		\$0.46611	0.67%		
Distribution (Winter) Tier 2	\$0.34892		\$0.35167	0.79%		
Distribution (Winter) Tier 3	\$0.32560		\$0.32829	0.83%		
Distribution (Winter) Tier 4	\$0.30738		\$0.31001	0.86%		
Distribution (Winter) Tier 5	\$0.16409		\$0.16626	1.32%		
Greenhouse Gas Compliance Cost <sup>3</sup>	0.04781		\$0.04781			
<b>G-PPP Noncore Customers</b>						
Backbone/Transmission	\$0.03439		\$0.03439	0.00%		
Distribution	\$0.04351		\$0.04351	0.00%		
<b>Electric Generation G-EG</b>						
<u>Transportation Charge:</u>						
Backbone Transportation Charge (\$/therm)	0.06918	\$0.06937	0.06588	-4.77%	\$0.06614	-4.7%
Distribution/Transmission Charge (\$/Therm)	\$0.15307	\$0.15370	\$0.15523	1.41%	\$0.15610	1.6%
Greenhouse Gas Compliance Cost <sup>3</sup>	0.04781		\$0.04781			
<b>Wholesale G-WSL</b>						
<u>Customer Access Charge (\$/Day)</u>						
Palo Alto	\$78.30247		\$75.82159	-3.17%		
Coalinga	\$23.48416		\$22.74016	-3.17%		
West Coast Gas-Mather	\$12.46685		\$12.07200	-3.17%		
West Coast Gas - Castle	\$13.64186		\$13.20953	-3.17%		
Island Energy	\$15.91167		\$15.40767	-3.17%		
Alpine Natural Gas	\$5.30992		\$5.14159	-3.17%		
<u>Transportation Charge (\$/Therm)</u>						
Palo Alto	\$0.14698	\$0.10010	\$0.14917	1.49%	\$0.10227	2.2%
Coalinga	\$0.14698	\$0.10267	\$0.14917	1.49%	\$0.10521	2.5%
West Coast Gas - Mather (Transmission)	\$0.14698	\$0.10371	\$0.14917	1.49%	\$0.10620	2.4%
West Coast Gas - Mather (Distribution)	\$0.41312	\$0.36985	\$0.41528	0.52%	\$0.37230	0.7%
West Coast Gas - Castle (Distribution)	\$0.34796	\$0.30802	\$0.35012	0.62%	\$0.30998	0.6%
Island Energy	\$0.14698	\$0.11382	\$0.14917	1.49%	\$0.11404	0.2%
Alpine Natural Gas	\$0.14698	\$0.10234	\$0.14917	1.49%	\$0.10488	2.5%
Greenhouse Gas Compliance Cost <sup>3</sup>	0.04781		\$0.04781			
<b>Natural Gas Vehicle - Uncompressed (G-NGV4)</b>						
<u>Customer Access Charge (\$/Day)</u>						
0 to 5,000 therms	\$1.10893		\$0.98466	-11.2%		
5,001 to 10,000 therms	\$3.30279		\$2.93359	-11.2%		
10,001 to 50,000 therms	\$6.14729		\$5.45984	-11.2%		
50,001 to 200,000 therms	\$8.06762		\$7.16548	-11.2%		
200,001 to 1,000,000 therms	\$11.70542		\$10.39660	-11.2%		
1,000,001 therms and above	\$99.29227		\$88.18915	-11.2%		
<u>Transportation Charge (\$/Therm)</u>						
Transmission	\$0.15413	\$0.15505	\$0.15629	1.40%	\$0.15706	1.3%
Distribution (Summer) Tier 1	\$0.38141	\$0.31991	\$0.38426	0.75%	\$0.32208	0.7%
Distribution (Summer) Tier 2	\$0.29689		\$0.29949	0.88%		
Distribution (Summer) Tier 3	\$0.27962		\$0.28217	0.91%		
Distribution (Summer) Tier 4	\$0.26612		\$0.26863	0.94%		
Distribution (Summer) Tier 5	\$0.15413		\$0.15629	1.40%		
Distribution (Winter) Tier 1	\$0.46303		\$0.46611	0.67%		
Distribution (Winter) Tier 2	\$0.34892		\$0.35167	0.79%		
Distribution (Winter) Tier 3	\$0.32560		\$0.32829	0.83%		
Distribution (Winter) Tier 4	\$0.30738		\$0.31001	0.86%		
Distribution (Winter) Tier 5	\$0.15413		\$0.15629	1.40%		
Greenhouse Gas Compliance Cost <sup>3</sup>	0.04781		\$0.04781			
<b>Liquefied Natural Gas (G-LNG)</b>	\$0.29149		\$0.29348	0.68%		
<b>G-PPP Natural Gas Vehicle/Liquid Natural Gas</b>	\$0.02811		\$0.02811	0.00%		

Notes:

1) Rates are based on 10/1/2019 - GT&S Decision 19-09-025, AL 4149-G for noncore tariffs and AL 4148-G for core tariffs.

2) Rates are based on 8/1/2019 - Includes Removal of 2015 GT&S Undercollection and 2019 Pension RRR Increase with AL 4123-G for noncore tariffs and AL 4122-G for core tariffs.



# ATTACHMENT 4

## SERVICE OF NOTICE OF APPLICATION

In accordance with Rule 3.2(b), Applicant will mail a notice to the following, stating in general terms its proposed change in rates.

### State of California

To the Attorney General and the Department of General Services.

State of California  
Office of Attorney General  
1300 I St Ste 1101  
Sacramento, CA 95814

and

Department of General Services  
Office of Buildings & Grounds  
505 Van Ness Avenue, Room 2012  
San Francisco, CA 94102

### Counties

To the County Counsel or District Attorney and the County Clerk in the following counties:

Alameda	Mariposa	Santa Clara
Alpine	Mendocino	Santa Cruz
Amador	Merced	Shasta
Butte	Modoc	Sierra
Calaveras	Monterey	Siskiyou
Colusa	Napa	Solano
Contra Costa	Nevada	Sonoma
El Dorado	Placer	Stanislaus
Fresno	Plumas	Sutter
Glenn	Sacramento	Tehama
Humboldt	San Benito	Trinity
Kern	San Bernardino	Tulare
Kings	San Francisco	Tuolumne
Lake	San Joaquin	Yolo
Lassen	San Luis Obispo	Yuba
Madera	San Mateo	
Marin	Santa Barbara	

Municipal Corporations

To the City Attorney and the City Clerk of the following municipal corporations:

Alameda	Colusa	Hanford
Albany	Concord	Hayward
Amador City	Corcoran	Healdsburg
American Canyon	Corning	Hercules
Anderson	Corte Madera	Hillsborough
Angels Camp	Cotati	Hollister
Antioch	Cupertino	Hughson
Arcata	Daly City	Huron
Arroyo Grande	Danville	Ione
Arvin	Davis	Isleton
Atascadero	Del Rey Oaks	Jackson
Atherton	Dinuba	Kerman
Atwater	Dixon	King City
Auburn	Dos Palos	Kingsburg
Avenal	Dublin	Lafayette
Bakersfield	East Palo Alto	Lakeport
Barstow	El Cerrito	Larkspur
Belmont	Elk Grove	Lathrop
Belvedere	Emeryville	Lemoore
Benicia	Escalon	Lincoln
Berkeley	Eureka	Live Oak
Biggs	Fairfax	Livermore
Blue Lake	Fairfield	Livingston
Brentwood	Ferndale	Lodi
Brisbane	Firebaugh	Lompoc
Buellton	Folsom	Loomis
Burlingame	Fort Bragg	Los Altos
Calistoga	Fortuna	Los Altos Hills
Campbell	Foster City	Los Banos
Capitola	Fowler	Los Gatos
Carmel	Fremont	Madera
Ceres	Fresno	Manteca
Chico	Galt	Maricopa
Chowchilla	Gilroy	Marina
Citrus Heights	Gonzales	Mariposa
Clayton	Grass Valley	Martinez
Clearlake	Greenfield	Marysville
Cloverdale	Gridley	McFarland
Clovis	Grover Beach	Mendota
Coalinga	Guadalupe	Menlo Park
Colfax	Gustine	Merced
Colma	Half Moon Bay	Mill Valley

Millbrae  
Milpitas  
Modesto  
Monte Sereno  
Monterey  
Moraga  
Morgan Hill  
Morro Bay  
Mountain View  
Napa  
Newark  
Nevada City  
Newman  
Novato  
Oakdale  
Oakland  
Oakley  
Orange Cove  
Orinda  
Orland  
Oroville  
Pacific Grove  
Pacifica  
Palo Alto  
Paradise  
Parlier  
Paso Robles  
Patterson  
Petaluma  
Piedmont  
Pinole  
Pismo Beach  
Pittsburg  
Placerville  
Pleasant Hill  
Pleasanton  
Plymouth  
Point Arena  
Portola  
Portola Valley  
Rancho Cordova  
Red Bluff  
Redding  
Redwood City  
Reedley  
Richmond

Ridgecrest  
Rio Dell  
Rio Vista  
Ripon  
Riverbank  
Rocklin  
Rohnert Park  
Roseville  
Ross  
Sacramento  
Saint Helena  
Salinas  
San Anselmo  
San Bruno  
San Carlos  
San Francisco  
San Joaquin  
San Jose  
San Juan Bautista  
San Leandro  
San Luis Obispo  
San Mateo  
San Pablo  
San Rafael  
San Ramon  
Sand City  
Sanger  
Santa Clara  
Santa Cruz  
Santa Maria  
Santa Rosa  
Saratoga  
Sausalito  
Scotts Valley  
Seaside  
Sebastopol  
Selma  
Shafter  
Shasta Lake  
Soledad  
Solvang  
Sonoma  
Sonora  
South San Francisco  
Stockton  
Suisun City

Sunnyvale  
Sutter Creek  
Taft  
Tehama  
Tiburon  
Tracy  
Trinidad  
Turlock  
Ukiah  
Union City  
Vacaville  
Vallejo  
Victorville  
Walnut Creek  
Wasco  
Waterford  
Watsonville  
West Sacramento  
Wheatland  
Williams  
Willits  
Willows  
Windsor  
Winters  
Woodland  
Woodside  
Yountville  
Yuba City