

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

Application of Pacific Gas and Electric Company
To Revise Its Electric Marginal Costs, Revenue
Allocation, and Rate Design.

Application No. 16-06-013
(Filed: June 30, 2016)

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**MOTION OF PACIFIC GAS AND ELECTRIC COMPANY FOR ADOPTION OF THE
STANDBY AND MEDIUM AND LARGE LIGHT AND POWER RATE DESIGN
SUPPLEMENTAL SETTLEMENT AGREEMENT**

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Dated: January 31, 2018

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I. INTRODUCTION

Pursuant to Rule 11.1 of the California Public Utilities Commission’s (Commission) Rules of Practice and Procedure, Pacific Gas and Electric Company (PG&E) submits this motion to respectfully request Commission approval of the attached Supplemental Settlement Agreement^{1/} that resolves standby and medium and large light and power rate design issues.^{2/}

For the reasons set forth below, the Standby and Medium and Large Light and Power Rate Design Settlement Agreement (the MLRD Settlement Agreement) is reasonable in light of the record as a whole, consistent with law, and in the public interest, and therefore should be adopted without modification.

^{1/} This filing, seeking approval of the Standby and Medium and Large Light and Power Rate Design Settlement Agreement, is supplemental to the Motion for adoption of the Marginal Cost and Revenue Allocation Settlement Agreement, filed with the CPUC on October 26, 2017, and should be consolidated with it for a combined decision resolving all remaining issues not yet resolved in PG&E’s 2017 General Rate Case (GRC) Phase II proceeding.

^{2/} The MLRD Settling Parties for purposes of this Motion are: the Solar Energy Industries Association (SEIA), the California Solar Energy Industries Association (CALSEIA), Energy Users Forum (EUF), the California Large Energy Consumers Association (CLECA), California Manufactures & Technology Association (CMTA), the Energy Producers and Users Coalition (EPUC), Federal Executive Agencies (FEA), the California Tomato Processors (CTP), and PG&E.

II. PROCEDURAL HISTORY

The procedural and settlement history of this proceeding was set forth in PG&E's Motion for Approval of Settlement on Marginal Cost and Revenue Allocation issues in this proceeding, filed on October 26, 2017 (MC/RA Settlement Agreement), and is incorporated herein by reference. PG&E served its prepared testimony on standby and medium and large light and power rate design issues on June 30, 2016 and updated that testimony on December 2, 2016, and November 2, 2017.^{3/} Responsive testimony on standby and medium and large light and power rate design issues was served on March 15, 2017 by EUF,^{4/} SBUA,^{5/} CLECA and CMTA,^{6/} EPUC,^{7/} FEA,^{8/} CTP,^{9/} California Independent Petroleum Association (CIPA),^{10/} SEIA,^{11/} and CALSEIA.^{12/}

III. SETTLEMENT TERMS^{13/}

A. General Terms

The MLRD Settlement Agreement accompanying this motion is supplemental to the MC/RA Settlement Agreement. This MLRD Settlement Agreement uses the revenue allocation agreed to in the MC/RA Settlement Agreement, and addresses rate design issues that were not resolved in the MC/RA Settlement Agreement. The MLRD Settling Parties request that the complementary outcomes of this supplemental MLRD Settlement Agreement and the MC/RA Settlement Agreement be consolidated into the Commission's final decision in this GRC Phase II proceeding.

^{3/} See Exhibit (PG&E-8), Chapter 6 (Coyné), Chapter 9 (Pease), dated December 2, 2016, as updated in Exhibit (PG&E-14) dated November 2, 2017.

^{4/} See EUF Direct Testimony, (Kehrein), dated March 15, 2017.

^{5/} See SBUA Direct Testimony, Chapter IV, Part B, C, and D (Brown), dated March 15, 2017.

^{6/} See CLECA/CMTA Direct Testimony, Chapters III and V (Barkovich/Yap), dated March 15, 2017.

^{7/} See EPUC Direct Testimony, p. 33, (Ross), dated March 15, 2017.

^{8/} See FEA Direct Testimony, Chapter VI (Brubaker), dated March 15, 2017.

^{9/} See CTP Direct Testimony (Kerkorian), dated March 15, 2017.

^{10/} See CIPA Direct Testimony (Hoffman), dated March 15, 2017.

^{11/} See SEIA Direct Testimony, Chapters III, V and VI (Beach), dated March 15, 2017.

^{12/} See CALSEIA Direct Testimony, Chapter 2 (Soleil), dated March 15, 2017.

^{13/} This section summarizes the fundamental components of the MLRD Settlement Agreement and necessarily simplifies some of the terms. To the extent that there is any conflict between the exact wording of the settlement agreement and this motion, the attached MLRD Settlement Agreement should govern.

In the appended MLRD Settlement Agreement, the MLRD Settling Parties agree that all testimony served prior to the date of this MLRD Settlement Agreement that addresses the issues resolved by this MLRD Settlement Agreement should be admitted into evidence without cross-examination by the MLRD Settling Parties. The MLRD Settling Parties believe that all rate design issues that are resolved in this MLRD Settlement Agreement for standby, medium and large light and power are unopposed by any party. Accordingly, this settlement resolves all issues raised by the parties except (1) those related to the proposals by CIPA for remedial measures to address the rate impacts associated with the termination of Schedule E-37 and the associated transition of oil and gas producer customers who previously were served under Schedule E-37 to other medium and large commercial and industrial tariffs and CIPA's additional request that PG&E conduct a cost of service study as part of its 2020 GRC proceeding for oil and natural gas producers, and (2) requests by SEIA and CALSEIA for storage rates for customers otherwise eligible for Schedules A-10, E-19 and E-20, all of which have been deferred to litigation.

B. Legacy Rate Schedules

Schedules S, A10-TOU, E-19, E-19R, E-20 and E-20R will be retained with their current time of use (TOU) periods until rates with new TOU periods adopted in this proceeding become mandatory. For purposes of this settlement, these schedules will be referred to as Schedule S_{leg}, Schedule A-10TOU_{leg}, Schedule E-19_{leg}, Schedule E-19R_{leg}, Schedule E-20_{leg} and Schedule E-20R_{leg}. The "leg" subscript refers to existing "legacy" rate schedules.^{14/} When the revenue allocation set forth in the MC/RA Settlement Agreement is implemented, the MLRD Settling Parties agree that rates for these legacy rate schedules, as well as Schedule A-10 (non-TOU), will be calculated consistent with the revenue allocation set forth in Tables 1 and 2 of the MC/RA Settlement Agreement, which was based on March 1, 2017 effective rates. Rate design that will govern changes to these legacy rates (as well as to Schedule A-10 (non-TOU)) when the MC/RA

^{14/} For purposes of this settlement, the new rate schedules replacing these legacy rate schedules will retain the same rate schedule name, with no subscript.

Settlement Agreement is implemented, and when legacy rates are updated prospectively for revenue requirement and sales changes, will be consistent with the rules for rate changes set forth in the MC/RA Settlement Agreement and in Section H below.

C. Time of Use Transition

The MLRD Settling Parties agree that, assuming a final decision in this case by August, 2018, the rates with new TOU periods as further described below are expected to be available for opt-in on or before October 2019. The rates will be available for an opt-in transition period of at least 6 months prior to the rates becoming mandatory. The mandatory transition to new rates with the new TOU periods will occur in the first November following the opt-in transition period.

This timeline comports with PG&E's proposed timeline in Exhibit (PG&E-8), Volume 1, Chapter 10, pp. 10-22 to 10-27 that: (1) rates with new TOU periods will be implemented on a voluntary basis nine to twelve months following a decision in this proceeding; and (2) those voluntary rates will become mandatory six to nine months after they are offered on a voluntary basis. If the final decision in this proceeding occurs later than August, 2018, PG&E will re-assess the timeline for the availability of the opt-in rates to assess whether the opt-in date of October 2019 is still reasonable, consistent with the two timeline guidelines presented earlier in this paragraph. In addition, additional general caveats with regard to implementation timing are set forth in Section IV, below, and apply equally to the timing of these changes. For purposes of this settlement, rate schedules with new periods that are subject of this Settlement Agreement will be referred to as Schedules A-10TOU, S, E-19, E-19R, E-20 and E-20R.

D. Illustrative Rate Design

Illustrative rates that reflect the new TOU periods, and that would be offered on a voluntary basis 9 to 12 months after a decision in this proceeding, are provided in Appendix A. The MLRD Settling Parties agree that the standard seasons and time of use periods used to derive illustrative rates set forth in Appendix A are:

Summer: June through September (4 months)
Winter: October through May (8 months)

Peak Period: 4 pm to 9 pm, all days of the year.
Partial Peak Period: 2 pm to 4 pm and 9 pm to 11 pm, every day during the summer months only.

Super Off Peak Period (SOP): 9 am to 2 pm, every day in March, April and May, only.

Off Peak Period: All remaining hours.

The MLRD Settling Parties agree that the illustrative rates set forth in Appendix A are consistent with the revenue allocation set forth in Tables 1 and 2 of the MC/RA Settlement Agreement, which was based on March 1, 2017 effective rates. The MLRD Settling Parties agree that the actual rates derived at the time of implementation of these rates on a voluntary basis, once adopted by the CPUC, shall be designed on an overall revenue-neutral basis to collect the then-required revenue allocated to each customer class. As a result, the actual rates that will result when these rates are implemented on a voluntary basis will vary from those shown in Appendix A. However, these actual standby and medium and large light and power rates shall be based on the same rate relationships provided in the illustrative rates, but modified to reflect sales and revenue requirement changes that take place between March 1, 2017 and the date these rates become effective on a voluntary basis. In order to transition rates from the illustrative rates shown in Appendix A, to the date the rates become effective, PG&E will apply the rules for rate changes between GRCs as set forth in the MC/RA Settlement Agreement and as specified for standby, and medium and large light and power rate design in this Settlement Agreement.

E. Customer Charge

The MLRD Settling Parties agree that customer charges will remain at their current levels until Schedule S, A-10, E-19, E-19R, E-20 and E-20R are implemented on a voluntary basis. At that time, customer charges will also be revised on the legacy versions of the rates, including

Schedule A-10 (non-TOU). Customers charges levels for Schedule S^{15/} will be set at the adopted levels for the otherwise applicable rate schedule. Customer charges^{16/} will be revised as follows:

Line No	Rate Schedule	Current	Proposed
1	E-19T/E-19T _{leg} (including Option R)	\$1,800	\$1,400
2	E-19P/E-19P _{leg} (including Option R)	\$1,000	\$1,100
3	E-19S/E-19S _{leg} (including Option R)	\$600	\$720
4	E-20T/E-20T _{leg} (including Option R)	\$2,000	\$1,500
5	E-20P/E-20P _{leg} (including Option R)	\$1,500	\$1,300
6	E-20S/E-20S _{leg} (including Option R)	\$1,200	\$1,300
7	A-10/A-10 _{leg} ; E-19V/E-19V _{leg}	\$140	\$140

F. Rates for Grandfathered TOU Periods

At the time that rates with new TOU periods become mandatory, the legacy schedules (Schedules S_{leg}, A-10TOU_{leg}, E-19_{leg}, E-19R_{leg}, E-20_{leg} and E-20R_{leg}) will be retained to satisfy the requirement to continue rates with the current TOU periods for solar customers as directed by D.17-01-006. Rates for grandfathered TOU periods for solar customers are being considered separately in other negotiations in this proceeding and are not part of this supplemental settlement.

G. Other Issues

The MLRD Settling Parties further agree as follows:

(1) Small Light and Power Eligibility Threshold: The threshold for eligibility for Schedules A-1 and A-6 shall be retained. Specifically, customer accounts with demand in excess of 75 kW or usage in excess of 150,000 kWh per year (as defined in each rate schedule) may not take service on these rate schedules.

(2) Food Bank Rate: For eligible electric accounts, PG&E will calculate a 20

^{15/} The customer charge for residential customers that take service on Schedule S is \$5.00. The customer charge for agricultural customers that take service on Schedule S is equal to the customer charges for AG-4B/AG-B. Illustrative standby rates provided in Appendix A are based on proposed customer charges and will be revised at implementation based on the approved values.

^{16/} Customer charges are shown on a monthly basis but will be implemented on the basis of a daily charge.

percent discount based on the customer's bundled bill amount, and apply the discount to the distribution component of rates. The discount will be funded in the CARE surcharge component of the Public Purpose Program rate and collected on an equal cents per kWh basis. For eligible gas accounts, the Schedule G-CARE discount shall apply to eligible Food Banks. The gas food bank discount will be funded through the CARE surcharge component of the gas Public Purpose Program rate. Food banks will certify annually their eligibility for the PG&E electric and gas discounts by providing a copy of their Memorandum of Understanding (MOU) executed with the California Department of Social Services that qualifies them to participate in The Emergency Food Assistance Program (TEFAP) in California.

(3) The Optimal Billing Period Program. The optimal billing period program is currently available to qualifying bundled customers that take service on Schedule AG-5C. Under this program, qualifying customers may revise their meter read date up to twice per year as specified in the tariff. The program currently has a participation cap of 50 accounts. The Settling Parties agree to expand the eligibility of the program to Schedule E-19 (for customers over 500 kW) and Schedule E-20 (for customers over 1000 kW), and to direct access and community choice aggregation customers taking service on those schedules. The program shall retain a participation cap of 50 accounts.

H. Rate Changes Between GRC Phase II Proceedings

Legacy rates, as well as the illustrative rates with new TOU periods provided in Appendix A, will be subject to variation in the revenue requirements and sales between GRC Phase II proceedings. In general, total rates for the standby, medium and large light and power customers change as the sum of the individual components (e.g., distribution, generation, Public Purpose Programs, etc.) change, where rules for each component are separately stated. The rules for changing rates are set forth in the MC/RA Settlement Agreement for all components of rates except for the generation and distribution rates (see Section VIII, Part 3). In this MLRD Settlement

Agreement, rules for setting generation rates and distribution rates for rate changes between GRCs are set forth below:

(1) Distribution: Rates will be designed to collect the distribution revenue requirement allocated to each rate schedule as provided in the MC/RA Settlement Agreement. Customer, demand and energy charges will be designed to change by the same percentage change in rate necessary to collect the required revenue for Schedules E-19 and E-20. For Schedules A-10, E-19R and E-20R, customer and demand charges will each be changed by the same percentage, and energy charges in total will also be changed by the same percentage amount. However, the change in energy charges for Schedules A-10, E-19R and E-20R, will be determined by whatever equal cents per kWh adder required to collect the necessary change in energy charge revenue. This approach to setting the distribution energy charges for Schedules A-10, E-19R and E-20R will ensure that the differential in rates between seasons and TOU periods remains the same on a cents per kWh basis for these schedules.

(2) Generation: Rates will be designed to collect the generation revenue requirement allocated to each rate schedule as provided in the MC/RA Settlement Agreement. Demand and energy charges will be designed to each change by the same percentage change in rate necessary to collect the required revenue for Schedules E-19 and E-20. For Schedules A-10, E-19R and E-20R, demand charges will be changed by the same percentage, and energy charges in total will also be changed by the same percentage amount. However, the change in energy rates for Schedules A-10, E-19R and E-20R, will be determined by whatever equal cents per kWh adder required to collect the necessary change in energy charge revenue. This approach to setting the generation energy charges for Schedules A-10, E-19R and E-20R will ensure that the differential in rates between seasons and TOU periods remains the same on a cents per kWh basis.

Beginning on the date that the rates with new TOU periods become mandatory, the legacy schedules (Schedules S_{leg} , $A-10TOU_{leg}$, $E-19_{leg}$, $E-19R_{leg}$, $E-20_{leg}$ and $E-20R_{leg}$) will be retained to satisfy the need to continue rates with the current TOU periods for solar customers as noted above.

The rules for generation and distribution rate changes between GRCs for rates for grandfathered TOU periods for solar customers are being considered separately in other negotiations in this proceeding and are not part of this settlement.

I. Mandatory Transition to TOU Rates

Each year, PG&E migrates bundled customers that take service on the non-TOU option of Schedule A-10 to the TOU option of that rate (or alternatively, the customer can select an otherwise applicable TOU rate). The transition occurs on a billing serial basis beginning on November 1st of each year, for eligible customers with 12 months of interval data. The MLRD Settling Parties have agreed that beginning on November 1, 2018; this transition process should be suspended until rates with new TOU periods become mandatory for commercial and industrial customers, as discussed above. PG&E will resume the transition process for bundled customers with 12 months of interval data that take service on the non-TOU option of Schedule A-10 to rates with new TOU periods when those rates become mandatory. PG&E will also begin the transition process for customers served under Direct Access and Community Choice Aggregation (DA/CCA) with 12 months of interval data that take service on the non-TOU option of Schedule A-10, to rates with new TOU periods when those rates become mandatory.

J. PDP and Default of Customers to PDP (Opt Out to TOU)

The MLRD Settling Parties agree that the annual adjustment to the Peak Day Pricing (PDP) revenue neutral credits should continue, together with the direct assignment of costs to each schedule for bill protection and the adjustment for the number of events per year (when the number of events is more or less than the design basis).

In addition, the MLRD Settling Parties agree to the following conditions regarding keeping PDP in effect for the period prior to the 2020 test year in PG&E's next GRC Phase II proceeding. Each year, PG&E defaults eligible customers to PDP, provided each customer may opt out of PDP to take service on a TOU rate. The transition occurs on a billing serial basis beginning on November 1st of each year, for eligible customers with 12 months of interval data and 24 months on

TOU service. The MLRD Settling Parties have agreed that beginning on November 1, 2018, this default PDP process should be suspended until rates with new TOU periods become mandatory for commercial and industrial customers. PG&E will retain PDP on an opt-in basis with the current PDP hours for customers that continue to take service on the legacy rates (Schedules S_{leg}, A-10_{leg}, E-19_{leg}, E-19R_{leg}, E-20_{leg} and E-20R_{leg}) until the rates with new TOU periods become mandatory. Customers who opt in to the new TOU hours while rates with new TOU periods are available on an optional basis, must un-enroll from PDP, and then at the time of the mandatory date for new TOU periods, must transition to the new PDP hours or continue on non-PDP service.

The MLRD Settling Parties support adoption of new PDP event hours when the new TOU periods adopted in this proceeding become mandatory. The MLRD Settling Parties agree that if the Commission approves event hours of 5 pm to 8 pm for the residential SmartRate^{17/} program in the 2018 RDW, PG&E will file a Tier 3 advice letter with the Commission to request approval of the new event hours and pricing for PG&E's PDP program for non-residential customers to be effective when the change in TOU periods becomes mandatory. The MLRD Settling Parties agree to support approval of that advice letter. However, because all the MLRD Settling Parties will not be participants in the 2018 RDW, should the Commission approve event hours other than 5pm to 8 pm for the SmartRate program, PG&E agrees that the SmartRate program event hours will be limited to the operation of the SmartRate program. To ensure that PDP is available to non-residential customers, when rates with the new TOU periods adopted herein become mandatory, PG&E will file a Tier 3 advice letter to establish PDP with event hours of 5 pm to 8 pm for all non-residential customers. These hours will remain in effect on an interim basis until the Commission determines the PDP event hours for all non-residential customers in PG&E's 2019 Rate Design Window or 2020 GRC Phase II proceeding. The MLRD Settling Parties reserve their rights to make proposals concerning the PDP program, including without limitation the PDP event hours in PG&E's 2019

^{17/} SmartRate is the critical peak pricing program for residential customers. A change to the event hours for SmartRate has been proposed in PG&E's 2018 Rate Design Window proceeding.

RDW or the 2020 GRC Phase II proceedings, where any party can present its proposal for PDP. PG&E will resume defaulting customers to PDP (subject to opt out to TOU) beginning on November 1, following the approval of a Tier 3 advice letter, provided approval occurs by July 1 of that year.

K. Issues Deferred to Litigation

The MLRD Settling Parties have identified two issues, described below, that they could not resolve through negotiations. Accordingly, the MLRD Settling Parties agree that these remaining standby and medium and large light and power rate design issues should proceed to litigation.

(1) The MLRD Settling Parties did not agree to the proposals by CIPA for remedial measures to address the rate impacts associated with the termination of Schedule E-37 and the associated transition of oil and gas producer customers who previously were served under Schedule E-37 to other medium and large commercial and industrial tariffs and CIPA's additional request that PG&E conduct a cost of service study as part of its 2020 GRC proceeding for oil and natural gas producers, as proposed in CIPA testimony dated March 15, 2017.

(2) The MLRD Settling Parties were unable to agree on those proposals by CALSEIA (CALSEIA Direct Testimony (Soleil), dated March 15, 2017, page 26) and SEIA (SEIA Direct Testimony (Beach), dated March 15, 2017, pages 52, 53) for storage rates for customers that would otherwise be eligible for service on Schedules A10, E-19 and E-20.

IV. TIMING OF RATE CHANGES

The provisions regarding the timing of this GRC Phase II rate change and rate changes between General Rate Cases, which are agreed to in the MC/RA Settlement Agreement, shall apply to this MLRD Settlement Agreement, except as specifically noted above or otherwise determined by the Commission.

To the extent that any elements of this MLRD Settlement Agreement will require employee training and/or changes to PG&E systems beyond those required for a normal change in rate value,

these structural and system changes will be implemented by PG&E diligently as time permits in a manner consistent with smooth operation of the systems involved, and which may result in deviation from the timetables set out in Section III, part C, above. The MLRD Settling Parties recognize that these changes could take an extended period of time to implement.

V. THE COMMISSION SHOULD ADOPT THE MLRD SETTLEMENT AGREEMENT

A. Commission Policy Favors Settlements

The Commission has a history of supporting settlement of disputes if they are fair and reasonable in light of the whole record.^{18/} As the Commission has reiterated over the years, the “Commission favors settlements because they generally support worthwhile goals, including reducing the expense of litigation, conserving scarce Commission resources, and allowing parties to reduce the risk that litigation will produce unacceptable results.”^{19/} This strong public policy favoring settlements weighs in favor of the Commission resisting the temptation to alter the results of the negotiation process. As long as a settlement taken as a whole is reasonable in light of the record, consistent with the law, and in the public interest, it should be adopted.^{20/}

Each portion of this MLRD Settlement Agreement is dependent upon the other portions of that same agreement. Changes to one portion of the MLRD Settlement Agreement would alter the balance of interests and the mutually agreed upon compromises and outcomes contained in the MLRD Settlement Agreement. As such, the MLRD Settling Parties request that this MLRD Settlement Agreement be adopted as a whole by the Commission, without modification.

^{18/} D.05-03-022, mimeo, pp. 7-8, *citing* D.88-12-083 (30 CPUC 2d 189, 221-223) and D.91-05-029 (40 CPUC 2d. 301, 326).

^{19/} D.10-12-035, 2010 Cal PUC LEXIS 467 at *87; *and see* D.05-03-022, mimeo, p. 8, *citing* D.92-12-019, 46 CPUC 2d 538, 553. *See also* D.10-12-051, 2010 Cal. PUC LEXIS 566 at *55 (Commission decisions “express the strong public policy favoring settlement of disputes if they are fair and reasonable”); D.10-11-035, 2010 Cal. PUC LEXIS 495 at *17 (the Commission’s longstanding policy favoring settlement...reduces litigation expenses, conserves scarce Commission resources...” *and see* D.10-11-011, 2010 Cal. PUC LEXIS 533 at *50 (“There is a strong public policy favoring the settlement of disputes to avoid costly and protracted litigation.”).

^{20/} *See, generally*, D.05-03-022, mimeo, pp. 7-13.

B. The MLRD Settlement Agreement is Supported by All Parties Who Served Testimony on the MRLD Rate Design Issues Resolved by the Settlement

The MLRD Settlement Agreement is reasonable because the MLRD Settling Parties represent all active parties who submitted testimony on the standby and medium and large light and power rate design issues resolved by the settlement.^{21/} In addition, the MLRD Settling Parties fairly represent the interests of the parties affected by this MLRD Settlement Agreement.

C. The MLRD Settlement Agreement is Reasonable in Light of the Record as a Whole

The Commission should adopt this MLRD Settlement Agreement as reasonable in light of the entire record, as it represents reasonable compromises after careful review and discussion by all interested parties with regard to standby and medium and large light and power rate design discussed above, after incorporating appropriate revisions and updates. Prior to reaching this settlement, parties served testimony on standby and medium and large light and power rate design^{22/} and conducted discovery thereon. This MLRD Settlement Agreement was reached only after substantial give-and-take in arms-length negotiation, and after each party had made significant

^{21/} Parties to the proceeding that did not sign this MLRD Settlement Agreement, and did not serve testimony on standby and medium and large light and power rate design were aware of these rate design settlement talks but did not indicate an interest in participating in the MLRD settlement subgroup. This situation – where all of the active parties who filed testimony on standby and medium and large light and power rate design subjects resolved by the settlement have all signed the MLRD Settlement Agreement – is adequate because, under Rule 12.1 of the CPUC’s Rules of Practice and Procedure, “settlements need not be joined by all parties.” Indeed the CPUC has approved settlements in PG&E’s 2011 and 2014 GRCs (approved in D. 11-05-047 and D.15-08-005 respectively) that included as signatories the subset of active parties who served testimony on that sub-issue in the proceeding.

^{22/} See, e.g., See Exhibit (PG&E-8), Chapter 6 (Coyne), Chapter 9 (Pease), dated December 2, 2016, as updated in Exhibit (PG&E-14) dated November 2, 2017; EUF Direct Testimony, (Kehrein), dated March 15, 2017; SBUA Direct Testimony, Chapter IV, Part B, C, and D (Brown), dated March 15, 2017; CLECA/CMTA Direct Testimony, Chapters III and V (Barkovich/Yap), dated March 15, 2017; EPUC Direct Testimony, p. 33, (Ross), dated March 15, 2017; FEA Direct Testimony, Chapter VI (Brubaker), dated March 15, 2017; CTP Direct Testimony (Kerkorian), dated March 15, 2017; CIPA Direct Testimony (Hoffman), dated March 15, 2017; SEIA Direct Testimony, Chapters III, V and VI (Beach), dated March 15, 2017; CALSEIA Direct Testimony, Chapter 2 (Soleil), dated March 15, 2017.

concessions to resolve issues in a manner that reflects a reasonable compromise of their litigation positions.^{23/}

The prepared testimony submitted in this proceeding, this Motion, and the attached MLRD Settlement Agreement, contains sufficient information for the Commission to judge the reasonableness of the MLRD Settlement Agreement.

D. The MLRD Settlement Agreement is Consistent with Law

In addition, this MLRD Settlement Agreement is consistent with current law, as it complies with all applicable statutes and prior Commission decisions. These include Public Utilities Code Section 451, which requires that utility rates must be just and reasonable.

E. The MLRD Settlement Agreement is in the Public Interest.

Finally, the MLRD Settlement Agreement is in the public interest. This agreement is a reasonable compromise of the MLRD Settling Parties' respective positions, and is in the public interest as well as in the interest of PG&E's customers. Resolution of the issues and their outcome was achieved through participation of the MLRD Settling Parties during 14 settlement conference calls or meetings over a 6 month period – resulting in a balanced settlement for all ratepayers. It fairly resolves issues and provides more certainty to customers regarding their present and future costs, which is in the public interest. The MLRD Settlement Agreement, if adopted by the Commission, avoids the time expense and uncertainty associated with further litigating these issues,^{24/} and frees up Commission resources for other proceedings (as well as other issues in this proceeding). This MLRD Settlement Agreement also frees up the time and resources of other parties as well, so that they may focus on other proceedings (or other issues in this proceeding) that impact their constituencies.

^{23/} D.13-11-003, mimeo, pp. 6-7; D. 13-07-029, mimeo, pp. 7-8; D.13-12-045, mimeo, pp. 10-11.

^{24/} D.13-11-003, mimeo, p. 8; D.13-12-045, mimeo, p. 12.

F. The MLRD Settlement Agreement is a Careful Balance of Interests Based on Agreed Compromise and Should Be Construed as an Integrated Whole.

Each portion of the MLRD Settlement Agreement is dependent upon the other portions of the agreement. Changes to one portion of the MLRD Settlement Agreement would alter the balance of interests and the mutually agreed upon compromises and outcomes which are contained in the agreement. To accommodate the interests related to diverse issues, the compromises made by Settling Parties in one section of this MLRD Settlement Agreement resulted in changes, concessions, or compromises by the Settling Parties in other sections. As such, the Settling Parties request that the MLRD Settlement Agreement be adopted as a whole by the Commission, without modification, as it is reasonable in light of the whole record, consistent with law, and in the public interest.

VI. CONCLUSION

For the reasons set forth above, the MLRD Settling Parties respectfully request that the Commission:

1. Find the attached MLRD Settlement Agreement to be reasonable in light of the whole record, consistent with law, and in the public interest;
2. Adopt the attached MLRD Settlement Agreement without modification;
and
3. Grant such other relief as is necessary and proper.

ATTACHMENT 1

SUPPLEMENTAL SETTLEMENT AGREEMENT IN PG&E'S GENERAL RATE CASE PHASE II (APPLICATION 16-06-013) ON STANDBY AND MEDIUM AND LARGE LIGHT AND POWER RATE DESIGN

I. INTRODUCTION

In accordance with Article 12 of the Rules of Practice and Procedure of the California Public Utilities Commission (CPUC), the parties to this Standby and Medium and Large Light and Power Rate Design (MLRD) Settlement Agreement (MLRD Settling Parties, listed in Section II below) agree on a mutually acceptable outcome to all of the rate design issues for standby and medium and large light and power rate design presented in Application (A.) 16-06-013, Application of Pacific Gas and Electric Company to Revise Its Electric Marginal Costs, Revenue Allocation, and Rate Design, except as identified in this settlement. The details of this MLRD Settlement Agreement are set forth herein.

The MLRD Settlement Agreement is a direct result of the Administrative Law Judges'^{1/} and the Assigned Commissioner's^{2/} facilitation for the active parties to meet and seek a workable compromise. Although the active parties held differing views on certain aspects of standby and medium and large light and power rates design, they bargained earnestly and in good faith to seek a compromise and to develop this MLRD Settlement Agreement, which is the product of arms-length negotiations among the MLRD Settling Parties on a number of disputed issues. These negotiations considered the interests of all active parties on standby and medium and large light and power rate design; the resulting MLRD Settlement Agreement addresses each of these issues in a fair and balanced manner.

The MLRD Settling Parties crafted this MLRD Settlement Agreement by mutually accepting concessions and trade-offs among themselves. Thus, the various elements and sections

^{1/} Originally this Application was assigned to ALJ McKinney. Subsequently, the CPUC reassigned this case to ALJs Cooke and Atamturk. Recently, this proceeding was reassigned to ALJs Cooke and Doherty.

^{2/} The Assigned Commissioner for this proceeding is Commissioner Peterman.

of this MLRD Settlement Agreement are intimately interrelated, and should not be altered, as the MLRD Settling Parties intend that the MLRD Settlement Agreement be treated as a package solution that strives to balance and align the interests of each party. Accordingly, the MLRD Settling Parties respectfully request that the Commission approve each and every aspect of the MLRD Settlement Agreement without modification. Any material change to this MLRD Settlement Agreement shall render it null and void, unless all of the MLRD Settling Parties agree in writing to such changes.

This MLRD Settlement Agreement is supplemental to the Settlement on Marginal Cost and Revenue Allocation in A.16-06-013, filed with the CPUC on October 26, 2017 (MC/RA Settlement Agreement) in that it uses the revenue allocation agreed to in the MC/RA Settlement Agreement, and addresses standby and medium and large light and power rate design issues that were not resolved in the MC/RA Settlement Agreement. The MLRD Settling Parties request that the complementary outcomes of this MLRD Settlement Agreement and the MC/RA Settlement Agreement be consolidated in the Commission's final decision in this proceeding.

II. MLRD SETTLING PARTIES^{3/}

The MLRD Settling Parties are as follows:

- California Solar Energy Industries Association (CALSEIA);
- Pacific Gas and Electric Company (PG&E);
- Solar Energy Industries Association (SEIA);
- Energy Users Forum (EUF);
- California Large Energy Consumers Association (CLECA);
- Energy Producers and Users Coalition (EPUC);

^{3/} Santa Clara County, Santa Clara Valley Transportation Authority (SCVTA) and Small Business Utility Advocates (SBUA) participated in some or all of the settlement discussions. While these parties have not signed the MLRD Settlement Agreement, they have indicated they will not oppose it.

- Federal Executive Agencies (FEA);
- California Manufactures & Technology Association (CMTA); and
- California Tomato Processors (CTP).

III. MLRD SETTLEMENT AGREEMENT

This MLRD Settlement Agreement resolves the issues raised by the MLRD Settling Parties in A.16-06-013 (PG&E's 2017 General Rate Case (GRC) Phase II) on standby and medium and large light and power rate design, subject to the conditions set forth below:

1. This MLRD Settlement Agreement embodies the entire understanding and agreement of the MLRD Settling Parties with respect to the matters described, and it supersedes prior oral or written agreements, principles, negotiations, statements, representations, or understandings among the MLRD Rate Design Settling Parties with respect to those matters. This MLRD Settlement Agreement builds on and supplements the underlying marginal cost and revenue allocation in the MC/RA Settlement Agreement, and incorporates that agreement by reference.
2. This MLRD Settlement Agreement represents a negotiated compromise among the MLRD Settling Parties' respective litigation positions on the matters described, and the MLRD Settling Parties have assented to the terms of this MLRD Settlement Agreement only to arrive at the agreement embodied herein. Nothing contained in this MLRD Settlement Agreement should be considered an admission of, acceptance of, agreement to, or endorsement of any disputed fact, principle, or position previously presented by any of the MLRD Settling Parties on these matters in this proceeding.
3. This MLRD Settlement Agreement does not constitute and should not be used as a precedent regarding any principle or issue in this proceeding or in any future proceeding.

4. The MLRD Settling Parties agree that this MLRD Settlement Agreement is reasonable in light of the testimony submitted, consistent with law, and in the public interest.
5. The MLRD Settling Parties agree that the language in all provisions of this MLRD Settlement Agreement shall be construed according to its fair meaning and not for or against any Settling Party because that Settling Party or its counsel or advocate drafted the provision.
6. The MLRD Settling Parties agree that the MLRD Settlement Agreement addresses all issues with regard to standby and medium and large light and power rate design as specifically identified, with the exception of two issues reserved for litigation.
7. This MLRD Settlement Agreement may be amended or changed only by a written agreement signed by the MLRD Settling Parties.
8. The MLRD Settling Parties shall jointly request Commission approval of this MLRD Settlement Agreement and shall actively support its prompt approval. Active support shall include written and oral testimony if testimony is required, briefing if briefing is required, comments and reply comments on the proposed decision,^{4/} advocacy to Commissioners and their advisors as needed, and other appropriate means as needed to obtain the requested approval.
9. The MLRD Settling Parties intend that the terms of the MLRD Settlement Agreement are to be interpreted and treated as a unified, integrated agreement incorporating the MC/RA Settlement Agreement, to the degree applicable to standby and medium and large light and power rate design. In the event the Commission rejects or modifies any portion of this MLRD Settlement Agreement

^{4/} Any oral and written testimony or briefing that might be required by the CPUC, or comments on a Proposed Decision, may be prepared and submitted jointly by parties whose interests are similar.

or the underlying MC/RA Settlement Agreement, the MLRD Rate Design Settling Parties reserve their rights under CPUC Rule 12.4, and the MLRD Settlement Agreement should not be admitted into evidence in this or any other proceeding.

IV. PROCEDURAL AND SETTLEMENT HISTORY

The procedural and settlement history of this proceeding (A.16-06-013) is set forth in Section IV and Section V of the MC/RA Settlement Agreement filed in this proceeding on October 26, 2017, which is incorporated herein by reference. PG&E served its prepared testimony on June 30, 2016 and updated that testimony on December 2, 2016, and November 2, 2017.

V. SETTLEMENT TERMS

A. General Terms

Considering and both recognizing and compromising the litigation positions taken by the individual parties, the MLRD Settling Parties agree to the standby and medium and large light and power rate design set forth in this MLRD Settlement Agreement. The rate design proposals presented herein are reasonable in light of the entire record in this proceeding, and reflect a fair and balanced compromise of MLRD Settling Parties' proposals.

The MLRD Settling Parties agree that all testimony served prior to the date of this MLRD Settlement Agreement that addresses the issues resolved by this MLRD Settlement Agreement should be admitted into evidence without cross-examination by the MLRD Settling Parties. The MLRD Settling Parties further agree that this MLRD Settlement Agreement resolves all issues regarding standby and medium and large light and power rate design in A.16-06-013, issues which are not being resolved through other settlement conferences in this proceeding, except as specified below. The MLRD Settling Parties request that the complementary outcomes of this MLRD Settlement Agreement be consolidated into the Commission's final decision in this GRC Phase II proceeding. The MLRD Settling Parties

further state that they believe the subset of standby and medium and large light and power rate design being resolved in this MLRD Settlement Agreement are unopposed by any party.

The MLRD Settlement Agreement describes standby and medium and large light and power rate design as set forth below. The recommendations for standby and medium and large light and power rate design resolved by and presented in the MLRD Settlement Agreement are reasonable and should be adopted without modification. In addition, the MLRD Settling Parties have identified two issues, described below, that they could not resolve through negotiations. Accordingly, this settlement resolves all issues raised by the parties except (1) those related to the proposals by CIPA for remedial measures to address the rate impacts associated with the termination of Schedule E-37 and the associated transition of oil and gas producer customers who previously were served under Schedule E-37 to other medium and large commercial and industrial tariffs and CIPA's additional request that PG&E conduct a cost of service study as part of its 2020 GRC proceeding for oil and natural gas producers, and (2) requests by SEIA and CALSEIA for storage rates for customers otherwise eligible for Schedules A-10, E-19 and E-20. The MLRD Settling Parties therefore agree these remaining standby and medium and large light and power rate design issues should proceed to litigation.

The MLRD Settlement Agreement is supplemental to the MC/RA Settlement Agreement. The MLRD Settlement Agreement uses the revenue allocation agreed to in the MC/RA Settlement, and addresses rate design issues that were not resolved in that initial settlement. The MLRD Settling Parties request that the complementary outcomes of the issues that were resolved without litigation in this MLRD Settlement Agreement and the MC/RA Settlement Agreement, be consolidated into the Commission's final decision of this GRC Phase II proceeding.

This MLRD Settlement Agreement describes the manner in which standby and medium and large light and power rates will be designed, and includes the following fundamental components to which the MLRD Settling Parties have agreed, as follows.

B. Legacy Rate Schedules

Schedules S, A10-TOU, E-19, E-19R, E-20 and E-20R will be retained with their current time of use (TOU) periods until rates with new TOU periods adopted in this proceeding become mandatory. For purposes of this settlement, these schedules will be referred to as Schedule S_{leg}, Schedule A-10TOU_{leg}, Schedule E-19_{leg}, Schedule E-19R_{leg}, Schedule E-20_{leg} and Schedule E-20R_{leg}. The “leg” subscript refers to existing “legacy” rate schedules.^{5/} When the revenue allocation set forth in the MC/RA Settlement Agreement is implemented, the MLRD Settling Parties agree that rates for these legacy rate schedules, as well as Schedule A-10 (non-TOU), will be calculated consistent with the revenue allocation set forth in Tables 1 and 2 of the MC/RA Settlement Agreement, which was based on March 1, 2017 effective rates. Rate design that will govern changes to these legacy rates (as well as to Schedule A-10 (non-TOU)) when the MC/RA Settlement Agreement is implemented, and when legacy rates are updated prospectively for revenue requirement and sales changes, will be consistent with the rules for rate changes set forth in the MC/RA Settlement Agreement and in Section H below.

C. Time of Use Transition

The MLRD Settling Parties agree that, assuming a final decision in this case by August, 2018, the rates with new TOU periods as further described below are expected to be available for opt-in on or before October 2019. The rates will be available for an opt-in transition period of at least 6 months prior to the rates becoming mandatory. The mandatory transition to new rates with the new TOU periods will occur in the first November following the opt-in transition period.

This timeline comports with PG&E’s proposed timeline in Exhibit (PG&E-8), Volume 1, Chapter 10, pp. 10-22 to 10-27 that: (1) rates with new TOU periods will be implemented on a voluntary basis nine to twelve months following a decision in this proceeding; and (2) those voluntary rates will become mandatory six to nine months after they are offered on a voluntary

^{5/} For purposes of this settlement, the new rate schedules replacing these legacy rate schedules will retain the same rate schedule name, with no subscript.

basis. If the final decision in this proceeding occurs later than August, 2018, PG&E will re-assess the timeline for the availability of the opt-in rates to assess whether the opt-in date of October 2019 is still reasonable, consistent with the two timeline guidelines presented earlier in this paragraph. In addition, additional general caveats with regard to implementation timing are set forth in Section VI, below, and apply equally to the timing of these changes. For purposes of this settlement, rate schedules with new periods that are subject of this Settlement Agreement will be referred to as Schedules A-10TOU, S, E-19, E-19R, E-20 and E-20R.

D. Illustrative Rate Design

Illustrative rates that reflect the new TOU periods, and that would be offered on a voluntary basis 9 to 12 months after a decision in this proceeding, are provided in Appendix A. The MLRD Settling Parties agree that the standard seasons and time of use periods used to derive illustrative rates set forth in Appendix A are:

Summer: June through September (4 months)

Winter: October through May (8 months)

Peak Period: 4 pm to 9 pm, all days of the year.

Partial Peak Period: 2 pm to 4 pm and 9 pm to 11 pm, every day during the summer months only.

Super Off Peak Period (SOP): 9 am to 2 pm, every day in March, April and May, only.

Off Peak Period: All remaining hours.

The MLRD Settling Parties agree that the illustrative rates set forth in Appendix A are consistent with the revenue allocation set forth in Tables 1 and 2 of the MC/RA Settlement Agreement, which was based on March 1, 2017 effective rates. The MLRD Settling Parties agree that the actual rates derived at the time of implementation of these rates on a voluntary basis, once adopted by the CPUC, shall be designed on an overall revenue-neutral basis to collect the then-required revenue allocated to each customer class. As a result, the actual rates that will result when these rates are implemented on a voluntary basis will vary from those shown in Appendix A. However, these actual standby and medium and large light and power rates shall

be based on the same rate relationships provided in the illustrative rates, but modified to reflect sales and revenue requirement changes that take place between March 1, 2017 and the date these rates become effective on a voluntary basis. In order to transition rates from the illustrative rates shown in Appendix A, to the date the rates become effective, PG&E will apply the rules for rate changes between General Rate Cases (GRCs) as set forth in the MC/RA Settlement Agreement and as specified for standby, and medium and large light and power rate design in this Settlement Agreement.

E. Customer Charge

The MLRD Settling Parties agree that customer charges will remain at their current levels until Schedule S, A-10, E-19, E-19R, E-20 and E-20R are implemented on a voluntary basis. At that time, customer charges will also be revised on the legacy versions of the rates, including Schedule A-10 (non-TOU). Customers charges levels for Schedule S^{6/} will be set at the adopted levels for the otherwise applicable rate schedule. Customer charges^{7/} will be revised as follows:

Line No	Rate Schedule	Current	Proposed
1	E-19T/E-19T _{leg} (including Option R)	\$1,800	\$1,400
2	E-19P/E-19P _{leg} (including Option R)	\$1,000	\$1,100
3	E-19S/E-19S _{leg} (including Option R)	\$600	\$720
4	E-20T/E-20T _{leg} (including Option R)	\$2,000	\$1,500
5	E-20P/E-20P _{leg} (including Option R)	\$1,500	\$1,300
6	E-20S/E-20S _{leg} (including Option R)	\$1,200	\$1,300
7	A-10/A-10 _{leg} ; E-19V/E-19V _{leg}	\$140	\$140

F. Rates for Grandfathered TOU Periods

At the time that rates with new TOU periods become mandatory, the legacy schedules (Schedules S_{leg}, A-10TOU_{leg}, E-19_{leg}, E-19R_{leg}, E-20_{leg} and E-20R_{leg}) will be retained to satisfy

^{6/} The customer charge for residential customers that take service on Schedule S is \$5.00. The customer charge for agricultural customers that take service on Schedule S is equal to the customer charges for AG-4B/AG-B. Illustrative standby rates provided in Appendix A are based on proposed customer charges and will be revised at implementation based on the approved values.

^{7/} Customer charges are shown on a monthly basis but will be implemented on the basis of a daily charge.

the requirement to continue rates with the current TOU periods for solar customers as directed by D.17-01-006. Rates for grandfathered TOU periods for solar customers are being considered separately in other negotiations in this proceeding and are not part of this supplemental settlement.

G. Other Issues

The MLRD Settling Parties further agree as follows:

(1) Small Light and Power Eligibility Threshold: The threshold for eligibility for Schedules A-1 and A-6 shall be retained. Specifically, customer accounts with demand in excess of 75 kW or usage in excess of 150,000 kWh per year (as defined in each rate schedule) may not take service on these rate schedules.

(2) Food Bank Rate: For eligible electric accounts, PG&E will calculate a 20 percent discount based on the customer's bundled bill amount, and apply the discount to the distribution component of rates. The discount will be funded in the CARE surcharge component of the Public Purpose Program rate and collected on an equal cents per kWh basis. For eligible gas accounts, the Schedule G-CARE discount shall apply to eligible Food Banks. The gas food bank discount will be funded through the gas CARE surcharge component of the Public Purpose Program rate. Food banks will certify annually their eligibility for the PG&E electric and gas discounts by providing a copy of their Memorandum of Understanding (MOU) executed with the California Department of Social Services that qualifies them to participate in The Emergency Food Assistance Program (TEFAP) in California.

(3) The Optimal Billing Period Program. The optimal billing period program is currently available to qualifying bundled customers that take service on Schedule AG-5C. Under this program, qualifying customers may revise their meter read date up to twice per year as specified in the tariff. The program currently has a participation cap of 50 accounts. The Settling Parties agree to expand the eligibility of the program to Schedule E-19 (for customers over 500 kW) and Schedule E-20 (for customers over 1000 kW), and to direct access and

community choice aggregation customers taking service on those schedules. The program shall retain a participation cap of 50 accounts.

H. Rate Changes Between GRC Phase II Proceedings

Legacy rates, as well as the illustrative rates with new TOU periods provided in Appendix A, will be subject to variation in the revenue requirements and sales between GRC Phase II proceedings. In general, total rates for the standby, medium and large light and power customers change as the sum of the individual components (e.g., distribution, generation, Public Purpose Programs, etc.) change, where rules for each component are separately stated. The rules for changing rates are set forth in the MC/RA Settlement Agreement for all components of rates except for the generation and distribution rates (see Section VIII, Part 3). In this MLRD Settlement Agreement, rules for setting generation rates and distribution rates for rate changes between GRCs are set forth below:

(1) Distribution: Rates will be designed to collect the distribution revenue requirement allocated to each rate schedule as provided in the MC/RA Settlement Agreement. Customer, demand and energy charges will be designed to change by the same percentage change in rate necessary to collect the required revenue for Schedules E-19 and E-20. For Schedules A-10, E-19R and E-20R, customer and demand charges will each be changed by the same percentage, and energy charges in total will also be changed by the same percentage amount. However, the change in energy charges for Schedules A-10, E-19R and E-20R, will be determined by whatever equal cents per kWh adder required to collect the necessary change in energy charge revenue. This approach to setting the distribution energy charges for Schedules A-10, E-19R and E-20R will ensure that the differential in rates between seasons and TOU periods remains the same on a cents per kWh basis for these schedules.

(2) Generation: Rates will be designed to collect the generation revenue requirement allocated to each rate schedule as provided in the MC/RA Settlement Agreement. Demand and energy charges will be designed to each change by the same percentage change in

rate necessary to collect the required revenue for Schedules E-19 and E-20. For Schedules A-10, E-19R and E-20R, demand charges will be changed by the same percentage, and energy charges in total will also be changed by the same percentage amount. However, the change in energy rates for Schedules A-10, E-19R and E-20R, will be determined by whatever equal cents per kWh adder required to collect the necessary change in energy charge revenue. This approach to setting the generation energy charges for Schedules A-10, E-19R and E-20R will ensure that the differential in rates between seasons and TOU periods remains the same on a cents per kWh basis.

Beginning on the date that the rates with new TOU periods become mandatory, the legacy schedules (Schedules S_{leg} , $A-10TOU_{leg}$, $E-19_{leg}$, $E-19R_{leg}$, $E-20_{leg}$ and $E-20R_{leg}$) will be retained to satisfy the need to continue rates with the current TOU periods for solar customers as noted above. The rules for generation and distribution rate changes between GRCs for rates for grandfathered TOU periods for solar customers are being considered separately in other negotiations in this proceeding and are not part of this settlement.

I. Mandatory Transition to TOU Rates

Each year, PG&E migrates bundled customers that take service on the non-TOU option of Schedule A-10 to the TOU option of that rate (or alternatively, the customer can select an otherwise applicable TOU rate). The transition occurs on a billing serial basis beginning on November 1st of each year, for eligible customers with 12 months of interval data. The MLRD Settling Parties have agreed that beginning on November 1, 2018; this transition process should be suspended until rates with new TOU periods become mandatory for commercial and industrial customers, as discussed above. PG&E will resume the transition process for bundled customers with 12 months of interval data that take service on the non-TOU option of Schedule A-10 to rates with new TOU periods when those rates become mandatory. PG&E will also begin the transition process for customers served under Direct Access and Community Choice Aggregation (DA/CCA) with 12 months of interval data that take service on the non-TOU option

of Schedule A-10, to rates with new TOU periods when those rates become mandatory.

J. PDP and Default of Customers to PDP (Opt Out to TOU)

The MLRD Settling Parties agree that the annual adjustment to the Peak Day Pricing (PDP) revenue neutral credits should continue, together with the direct assignment of costs to each schedule for bill protection and the adjustment for the number of events per year (when the number of events is more or less than the design basis).

In addition, the MLRD Settling Parties agree to the following conditions regarding keeping PDP in effect for the period prior to the 2020 test year in PG&E's next GRC Phase II proceeding. Each year, PG&E defaults eligible customers to PDP, provided each customer may opt out of PDP to take service on a TOU rate. The transition occurs on a billing serial basis beginning on November 1st of each year, for eligible customers with 12 months of interval data and 24 months on TOU service. The MLRD Settling Parties have agreed that beginning November 1, 2018, this default PDP process should be suspended until rates with new TOU periods become mandatory for commercial and industrial customers. PG&E will retain PDP on an opt-in basis with the current PDP hours for customers that continue to take service on the legacy rates (Schedules S_{leg}, A-10_{leg}, E-19_{leg}, E-19R_{leg}, E-20_{leg} and E-20R_{leg}) until the rates with new TOU periods become mandatory. Customers who opt in to the new TOU hours while rates with new TOU periods are available on an optional basis, must un-enroll from PDP, and then at the time of the mandatory date for new TOU periods, must transition to the new PDP hours or continue on non-PDP service.

The MLRD Settling Parties support adoption of new PDP event hours when the new TOU periods adopted in this proceeding become mandatory. The MLRD Settling Parties agree that if the Commission approves event hours of 5 pm to 8 pm for the residential SmartRate^{8/} program in the 2018 RDW, PG&E will file a Tier 3 advice letter with the Commission to request approval of the new event hours and pricing for PG&E's PDP program for non-residential

^{8/} SmartRate is the critical peak pricing program for residential customers. A change to the event hours for SmartRate has been proposed in PG&E's 2018 Rate Design Window proceeding.

customers to be effective when the change in TOU periods becomes mandatory. The MLRD Settling Parties agree to support approval of that advice letter. However, because all the MLRD Settling Parties will not be participants in the 2018 RDW, should the Commission approve event hours other than 5pm to 8 pm for the SmartRate program, PG&E agrees that the SmartRate program event hours will be limited to the operation of the SmartRate program. To ensure that PDP is available to non-residential customers, when rates with the new TOU periods adopted herein become mandatory, PG&E will file a Tier 3 advice letter to establish PDP with event hours of 5 pm to 8 pm for all non-residential customers. These hours will remain in effect on an interim basis until the Commission determines the PDP event hours for all non-residential customers in PG&E's 2019 Rate Design Window or 2020 GRC Phase II proceeding. The MLRD Settling Parties reserve their rights to make proposals concerning the PDP program, including without limitation the PDP event hours in PG&E's 2019 RDW or the 2020 GRC Phase II proceedings, where any party can present its proposal for PDP. PG&E will resume defaulting customers to PDP (subject to opt out to TOU) beginning on November 1, following the approval of a Tier 3 advice letter, provided approval occurs by July 1 of that year.

K. Issues Deferred to Litigation

The MLRD Settling Parties have identified two issues, described below, that they could not resolve through negotiations. Accordingly, the MLRD Settling Parties agree that these remaining standby and medium and large light and power rate design issues should proceed to litigation.

(1) The MLRD Settling Parties were unable to agree on those proposals by CIPA for remedial measures to address the rate impacts associated with the termination of Schedule E-37 and the associated transition of oil and gas producer customers who previously were served under Schedule E-37 to other medium and large commercial and industrial tariffs and CIPA's additional request that PG&E conduct a cost of service study as part of its 2020 GRC proceeding for oil and natural gas producers, as proposed in CIPA testimony dated March 15, 2017.

(2) The MLRD Settling Parties were unable to agree on those proposals by CALSEIA (CALSEIA Direct Testimony (Soleil), dated March 15, 2017, page 26) and SEIA (SEIA Direct Testimony (Beach), dated March 15, 2017, pages 52, 53) for storage rates for customers that would otherwise be eligible for service on Schedules A-10, E-19 and E-20.

VI. TIMING OF RATE CHANGES

The provisions regarding the timing of this GRC Phase II rate change, and rate changes between General Rate Cases agreed to in the MC/RA Settlement Agreement, shall apply to this MLRD Settlement Agreement unless specifically noted above or otherwise determined by the Commission.

To the extent that any elements of this MLRD Settlement Agreement will require employee training and/or changes to PG&E systems beyond those required for a normal change in rate value, these structural and system changes will be implemented by PG&E diligently as time permits, in a manner consistent with smooth operations of the systems involved, and which may result in deviation from the timetables set out in Section V, part C, above. The MLRD Settling Parties recognize that these changes could take an extended period of time to implement.

VII. SETTLEMENT EXECUTION

This MLRD Settlement Agreement may be executed in separate counterparts by different MLRD Settling Parties hereto and all so executed will be binding and have the same effect as if all the MLRD Settling Parties had signed one and the same document. Each such counterpart will be deemed to be an original, but all of which together shall constitute one and the same instrument, notwithstanding that the signatures of all the MLRD Settling Parties do not appear on the same page of this MLRD Settlement Agreement. This MLRD Settlement Agreement shall become effective among the MLRD Settling Parties on the date the last Settling Party executes the MLRD Settlement Agreement, as indicated below. In witness whereof and intending to be legally bound by the Terms and Conditions of this MLRD Settlement Agreement as stated

above, the MLRD Settling Parties duly execute this MLRD Settlement Agreement on behalf of the MLRD Settling Parties they represent, as follows:

The undersigned represent that they are authorized to sign on behalf of the Party represented, for the purposes of this 2017 GRC Phase II MLRD Settlement Agreement.

California Solar Energy Industries Association

By: B. J. H. _____

Title: Policy Director _____

Date: 1-26-18 _____

The undersigned represent that they are authorized to sign on behalf of the Party represented, for the purposes of this 2017 GRC Phase II MLRD Settlement Agreement.

Pacific Gas and Electric Company

By:



Title:

PGE, Chief Counsel, Rate-making

Date:

1/31/18

The undersigned represent that they are authorized to sign on behalf of the Party represented, for the purposes of this 2017 GRC Phase II MLRD Settlement Agreement.

Solar Energy Industries Association

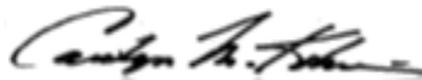
By: 
Richard Umoff

Title: Regulatory Counsel and California Director

Date: 1/29/18

The undersigned represent that they are authorized to sign on behalf of the Party represented, for the purposes of this 2017 GRC Phase II MLRD Settlement Agreement.

Energy Users Forum

By: 

Title: Consultant

Date: January 26, 2018

The undersigned represent that they are authorized to sign on behalf of the Party represented, for the purposes of this 2017 GRC Phase II MLRD Settlement Agreement.

California Large Energy Consumers Association

By: W. E. Shei

Title: Counsel

Date: January 29, 2018

The undersigned represent that they are authorized to sign on behalf of the Party represented, for the purposes of this 2017 GRC Phase II MLRD Settlement Agreement.

Energy Producers and Users Coalition

By: Katy Morsony

Title: Counsel, Energy Producers and Users Coalition

Date: January 30, 2018

The undersigned represent that they are authorized to sign on behalf of the Party represented, for the purposes of this 2017 GRC Phase II MLRD Settlement Agreement.

Federal Executive Agencies

By: _____

Rita M. Diotto

Title: _____

COUNSEL

Date: _____

Jan 29, 2018

The undersigned represent that they are authorized to sign on behalf of the Party represented, for the purposes of this 2017 GRC Phase II MLRD Settlement Agreement.

California Manufacturers & Technology Association

By:  _____

Title: Counsel _____

Date: 1-30-18 _____

The undersigned represent that they are authorized to sign on behalf of the Party represented, for the purposes of this 2017 GRC Phase II MLRD Settlement Agreement.

California Tomato Processors

By: Scott Park

Title: Vice President

Date: January 30, 2018

Appendix A

Pacific Gas and Electric Company
 2017 General Rate Case - Phase II
 Standby and Medium and Large Light and Power Settelement, Appendix A
 Illustrative Standby Rates
 Present and Proposed Rates

Standby Secondary *	PRESENT RATES					PROPOSED RATES				
	Dist	Gem	PPP	Other	Total	Gen	Dist	PPP	Other	Total
RESERVATION CHARGE (kW) (per kW per month applied to 85% of the Reservation Capacity)	6.11	.39		.79	7.29	6.25	.26		.79	7.30
ENERGY CHARGE (/kWh)										
Summer										
Peak	.44676	.09999	.01679	.02899	.59253	.42997	.09683	.01619	.02899	.57198
Part-Peak	.14170	.08412	.01679	.02899	.27161	.18658	.08669	.01619	.02899	.31845
Off-Peak	.00131	.06336	.01679	.02899	.11045	.00553	.07540	.01619	.02899	.12612
Winter										
Peak						.00952	.09278	.01619	.02899	.14748
Part-Peak	.00654	.08665	.01679	.02899	.13897					
Off-Peak	.00131	.07057	.01679	.02899	.11766	.00553	.07636	.01619	.02899	.12707
Super Off-Peak						.00553	.03992	.01619	.02899	.09063
POWER FACTOR ADJUSTMENT (/kWh) per kWh charge or credit to be applicable per each 1% deviation above or below standard power factor of 85%	.00005				.00005	.00005				.00005
MAXIMUM REACTIVE DEMAND CHRQ (/kVAR)	.35				.35	.35				.35
Standby Primary *										
	Dist	Gem	PPP	Other	Total	Gen	Dist	PPP	Other	Total
RESERVATION CHARGE (kW) (per kW per month applied to 85% of the Reservation Capacity)	6.11	.39		.79	7.29	6.25	.26		.79	7.30
ENERGY CHARGE (/kWh)										
Summer										
Peak	.44676	.09999	.01794	.02899	.59368	.42997	.09683	.01845	.02899	.57425
Part-Peak	.14170	.08412	.01794	.02899	.27276	.18658	.08669	.01845	.02899	.32071
Off-Peak	.00131	.06336	.01794	.02899	.11160	.00553	.07540	.01845	.02899	.12838
Winter										
Peak						.00952	.09278	.01845	.02899	.14974
Part-Peak	.00654	.08665	.01794	.02899	.14012					
Off-Peak	.00131	.07057	.01794	.02899	.11881	.00553	.07636	.01845	.02899	.12934
Super Off-Peak						.00553	.03992	.01845	.02899	.09290
POWER FACTOR ADJUSTMENT (/kWh) per kWh charge or credit to be applicable per each 1% deviation above or below standard power factor of 85%	.00005				.00005	.00005				.00005
MAXIMUM REACTIVE DEMAND CHRQ (/kVAR)	.35				.35	.35				.35

* Present Standby distribution rates shown are illustrative of the changes authorized by D.15-08-005, for an effective date of 1/1/17.

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Standby Transmission	PRESENT RATES					PROPOSED RATES				
	Dist	Gen	PPP	Other	Total	Gen	Dist	PPP	Other	Total
RESERVATION CHARGE (kW) (per kW per month applied to 85% of the Reservation Capacity)	.33	.32		.76	1.41	.38	.15		.76	1.29
ENERGY CHARGE (/kWh)										
Summer										
Peak	.00000	.08396	.01256	.02942	.12593	.00000	.08620	.01158	.02942	.12726
Part-Peak	.00000	.07078	.01256	.02942	.11276	.00000	.07634	.01158	.02942	.11740
Off-Peak	.00000	.05335	.01256	.02942	.09533	.00000	.06536	.01158	.02942	.10642
Winter										
Peak						.00000	.08233	.01158	.02942	.12333
Part-Peak	.00000	.07285	.01256	.02942	.11483					
Off-Peak	.00000	.05947	.01256	.02942	.10144	.00000	.06638	.01158	.02942	.10744
Super Off-Peak						.00000	.02994	.01158	.02942	.07094
POWER FACTOR ADJUSTMENT (/kWh) per kWh charge or credit to be applicable per each 1% deviation above or below standard power factor of 85%	.00005				.00005	.00005				.00005
MAXIMUM REACTIVE DEMAND CHRQ (kVAR)	.35				.35	.35				.35
Standby CUSTOMER CHARGES	Dist	Gen	PPP	Other	Total	Gen	Dist	PPP	Other	Total
Residential										
CUSTOMER CHARGE	.16427				.16427	5.00				.16427
Agricultural										
CUSTOMER CHARGE	.90678				.90678	27.60				.91565
Small Light and Power (Reservation Capacity ≤ 50 kW)										
Single Phase Service										
CUSTOMER CHARGE	.65708				.65708	20.00				.32854
PolyPhase Service										
CUSTOMER CHARGE	.98563				.98563	30.00				.82136
Medium Light and Power (Reservation Capacity > 50 kW and < 500 kW)										
CUSTOMER CHARGE	4.59959				4.59959	140.00				4.59959
Medium Light and Power (Reservation Capacity ≥ 500 kW and < 1000 kW)										
Transmission CUSTOMER CHARGE	59.13758				59.13758	1800.00				45.99589
Primary CUSTOMER CHARGE	32.85421				32.85421	1000.00				36.13963
Secondary CUSTOMER CHARGE	19.71253				19.71253	600.00				23.65503
Large Light and Power (Reservation Capacity ≥ 1000 kW)										
Transmission CUSTOMER CHARGE	65.70842				65.70842	2000.00				49.28131
Primary CUSTOMER CHARGE	49.28131				49.28131	1500.00				42.71047
Secondary CUSTOMER CHARGE	39.42505				39.42505	1200.00				42.71047

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Standby Reduced CUSTOMER CHARGES (where applicable)	PRESENT RATES					PROPOSED RATES					
	Dist	Gen	PPP	Other	Total	Gen	Dist	PPP	Other	Total	
Small Light and Power											
(Reservation Capacity < 75 kW)											
SINGLEPHASE	.25470				.25470	7.75		.32854		3.2854	10.00
POLYPHASE	.25470				.25470	7.75		.39343		3.9343	11.98
Medium Light and Power											
(Reservation Capacity > 75 kW and < 750 kW)											
PRIMARY (Reservation Capacity > 75 kW and < 750 kW)	3.23157				3.23157	98.36		4.59959		4.59959	140.00
SECONDARY (Reservation Capacity > 75 kW and < 750 kW)	.94969				.94969	28.91		1.23440		1.23440	37.57
Medium Light and Power											
(Reservation Capacity > 500 kW and < 1000 kW)											
PRIMARY	4.27355				4.27355	130.08		11.72711		11.72711	356.94
SECONDARY	1.70842				1.70842	52.00		7.91570		7.91570	240.93
TRANSMISSION	6.12976				6.12976	186.57		18.68951		18.68951	568.86
Large Light and Power											
(Reservation Capacity ≥ 1000 kW)											
PRIMARY	6.33582				6.33582	192.85		14.01478		14.01478	426.57
SECONDARY	5.82808				5.82808	177.39		10.75500		10.75500	327.36
TRANSMISSION	6.18948				6.18948	188.39		24.52278		24.52278	746.41

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A-10 TOU

DEMAND CHARGE (/kW)

	Dist	Gen	PPP	Other	Total	Dist	Gen	PPP	Other	Total
Transmission										
Summer	1.12	3.37		7.19	11.68	1.32	.00		7.19	8.51
Winter	1.12	.00		7.19	8.31	1.32	.00		7.19	8.51
Primary										
Summer	5.90	4.28		7.19	17.38	3.88	.00		7.19	11.08
Winter	4.04	.00		7.19	11.23	3.88	.00		7.19	11.08
Secondary										
Summer	6.18	4.89		7.19	18.26	4.07	.00		7.19	11.26
Winter	3.74	.00		7.19	10.93	4.07	.00		7.19	11.26

ENERGY CHARGE (/kWh)

	Dist	Gen	PPP	Other	Total	Dist	Gen	PPP	Other	Total	
Transmission											
Summer											
Peak	.00573	.13732	.01342	.01301	.16948	.00645	.15841	.01175	.01301	.18962	
Part-Peak	.00573	.09044	.01342	.01301	.12260	.00645	.10167	.01175	.01301	.13287	
Off-Peak	.00573	.06514	.01342	.01301	.09730	.00645	.07160	.01175	.01301	.10281	
Winter											
Peak						.00645	.10536	.01175	.01301	.13657	
Part-Peak	.00573	.07865	.01342	.01301	.11081	.00645	.07252	.01175	.01301	.10373	
Off-Peak	.00573	.06408	.01342	.01301	.09624	.00645	.03618	.01175	.01301	.06739	
Super Off-Peak											
Primary											
Summer											
Peak	.02968	.14944	.01383	.01301	.20596	.04068	.16949	.01410	.01301	.23729	
Part-Peak	.02968	.09888	.01383	.01301	.15540	.04068	.11119	.01410	.01301	.17899	
Off-Peak	.02968	.07225	.01383	.01301	.12878	.04068	.08035	.01410	.01301	.14815	
Winter											
Peak						.02246	.11486	.01410	.01301	.16444	
Part-Peak	.02037	.08518	.01383	.01301	.13239	.02246	.08122	.01410	.01301	.13080	
Off-Peak	.02037	.06930	.01383	.01301	.11651	.02246	.04488	.01410	.01301	.09446	
Super Off-Peak											
Secondary											
Summer											
Peak	.03077	.15972	.01416	.01301	.21766	.04052	.18156	.01446	.01301	.24955	
Part-Peak	.03077	.10459	.01416	.01301	.16253	.04052	.11987	.01446	.01301	.18786	
Off-Peak	.03077	.07652	.01416	.01301	.13446	.04052	.08730	.01446	.01301	.15530	
Winter											
Peak						.02230	.12351	.01446	.01301	.17328	
Part-Peak	.01854	.08864	.01416	.01301	.13436	.02230	.08803	.01446	.01301	.13781	
Off-Peak	.01854	.07158	.01416	.01301	.11729	.02230	.05169	.01446	.01301	.10147	
Super Off-Peak											
CUSTOMER CHARGE (/meter/day)	4.59959				4.59959	4.59959				4.59959	140.00
OPTIONAL METER DATA											
ACCESS CHARGE (/meter/day)	.98563				.98563	.98563				.98563	30.00

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E-19 Secondary

FIRM

DEMAND CHARGES (/kW)

	Dist	Gen	PPP	Other	Total	Dist	Gen	PPP	Other	Total
Summer										
Peak	6.01	12.63		.00	18.64	5.91	12.44		.00	18.35
Part-Peak	2.06	3.12		.00	5.18	1.04	1.81		.00	2.85
Maximum	10.37	.00		7.19	17.56	12.25	.00		7.19	19.45
Winter										
Peak						.00	1.48		.00	1.48
Part-Peak	.12	.00		.00	.12					
Maximum	10.37	.00		7.19	17.56	12.25	.00		7.19	19.45

DEMAND CHARGES - OPTION R (\$/kW)

	Dist	Gen	PPP	Other	Total	Dist	Gen	PPP	Other	Total
Summer										
Peak	1.50	.00		.00	1.50	1.48	.00		.00	1.48
Part-Peak	.51	.00		.00	.51	.26	.00		.00	.26
Maximum	10.37	.00		7.19	17.56	12.25	.00		7.19	19.45
Winter										
Peak						.00	.00		.00	.00
Part-Peak	.03	.00		.00	.03					
Maximum	10.37	.00		7.19	17.56	12.25	.00		7.19	19.45

ENERGY CHARGES (/kWh)

	Dist	Gen	PPP	Other	Total	Dist	Gen	PPP	Other	Total
Summer										
Peak	.00000	.12552	.01341	.01285	.15178	.00000	.11570	.01358	.01285	.14213
Part-Peak	.00000	.08501	.01341	.01285	.11128	.00000	.09087	.01358	.01285	.11729
Off-Peak	.00000	.05819	.01341	.01285	.08445	.00000	.07330	.01358	.01285	.09973
Winter										
Peak						.00000	.09993	.01358	.01285	.12635
Part-Peak	.00000	.07947	.01341	.01285	.10573					
Off-Peak	.00000	.06485	.01341	.01285	.09111	.00000	.07324	.01358	.01285	.09966
Super Off-Peak						.00000	.03742	.01358	.01285	.06384

ENERGY CHARGES - OPTION R (/kWh)

	Dist	Gen	PPP	Other	Total	Dist	Gen	PPP	Other	Total
Summer										
Peak	.04853	.26474	.01341	.01285	.33954	.04540	.24738	.01358	.01285	.31920
Part-Peak	.01554	.11750	.01341	.01285	.15930	.00869	.11181	.01358	.01285	.14692
Off-Peak	.00000	.05819	.01341	.01285	.08445	.00000	.07330	.01358	.01285	.09973
Winter										
Peak						.00000	.11555	.01358	.01285	.14197
Part-Peak	.00049	.07947	.01341	.01285	.10622					
Off-Peak	.00000	.06485	.01341	.01285	.09111	.00000	.07324	.01358	.01285	.09966
Super Off-Peak						.00000	.03742	.01358	.01285	.06384

CUSTOMER CHARGE (/meter/day)

E-19	19.71253			19.71253	600.00	23.65503			23.65503	720.00
Rate V	4.59959			4.59959	140.00	4.59959			4.59959	140.00

POWER FACTOR ADJUSTMENT (/kWh)

per kWh charge or credit to be applicable per each 1% deviation above or below standard power factor of 85%	.00005			.00005		.00005			.00005	
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OPTIONAL METER DATA

ACCESS CHARGE (/meter/day)	.98563			.98563	30.00	.98563			.98563	30.00
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E-19 Primary

FIRM

DEMAND CHARGES (/kW)

	Dist	Gen	PPP	Other	Total	Dist	Gen	PPP	Other	Total
Summer										
Peak	5.31	11.29		.00	16.60	5.51	10.74		.00	16.25
Part-Peak	1.78	2.75		.00	4.53	.91	1.57		.00	2.48
Maximum	7.21	.00		7.19	14.41	8.82	.00		7.19	16.02
Winter										
Peak				.00	.15	.00	1.10		.00	1.10
Part-Peak	.15	.00		.00	.15					
Maximum	7.21	.00		7.19	14.41	8.82	.00		7.19	16.02

DEMAND CHARGES - OPTION R (\$/kW)

	Dist	Gen	PPP	Other	Total	Dist	Gen	PPP	Other	Total
Summer										
Peak	1.33	.00		.00	1.33	1.38	.00		.00	1.38
Part-Peak	.44	.00		.00	.44	.23	.00		.00	.23
Maximum	7.21	.00		7.19	14.41	8.82	.00		7.19	16.02
Winter										
Peak				.00	.04	.00	.00		.00	.00
Part-Peak	.04	.00		.00	.04					
Maximum	7.21	.00		7.19	14.41	8.82	.00		7.19	16.02

ENERGY CHARGES (/kWh)

	Dist	Gen	PPP	Other	Total	Dist	Gen	PPP	Other	Total
Summer										
Peak	.00000	.11638	.01242	.01285	.14165	.00000	.10354	.01278	.01285	.12917
Part-Peak	.00000	.07800	.01242	.01285	.10327	.00000	.08450	.01278	.01285	.11013
Off-Peak	.00000	.05333	.01242	.01285	.07860	.00000	.06794	.01278	.01285	.09357
Winter										
Peak				.00000	.09809	.00000	.09322	.01278	.01285	.11885
Part-Peak	.00000	.07282	.01242	.01285	.09809	.00000	.06805	.01278	.01285	.09368
Off-Peak	.00000	.05942	.01242	.01285	.08469	.00000	.03223	.01278	.01285	.05786
Super Off-Peak										

ENERGY CHARGES - OPTION R (/kWh)

	Dist	Gen	PPP	Other	Total	Dist	Gen	PPP	Other	Total
Summer										
Peak	.04713	.24990	.01242	.01285	.32231	.04713	.22687	.01278	.01285	.29963
Part-Peak	.01457	.10836	.01242	.01285	.14821	.00809	.10333	.01278	.01285	.13706
Off-Peak	.00000	.05333	.01242	.01285	.07860	.00000	.06794	.01278	.01285	.09357
Winter										
Peak				.00065	.09874	.00000	.10570	.01278	.01285	.13133
Part-Peak	.00065	.07282	.01242	.01285	.09874	.00000	.06805	.01278	.01285	.09368
Off-Peak	.00000	.05942	.01242	.01285	.08469	.00000	.03223	.01278	.01285	.05786
Super Off-Peak										

CUSTOMER CHARGE (/meter/day)

E-19	32.85421			32.85421	1000.00	36.13963			36.13963	1100.00
Rate V	4.59959			4.59959	140.00	4.59959			4.59959	140.00

POWER FACTOR ADJUSTMENT (/kWh)

per kWh charge or credit to be applicable per each 1% deviation above or below standard power factor of 85%	.00005			.00005		.00005			.00005	
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OPTIONAL METER DATA

ACCESS CHARGE (/meter/day)	.98563			.98563	30.00	.98563			.98563	30.00
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E-19 Transmission

Firm

DEMAND CHARGES (/kW)

Summer

	Dist	Gen	PPP	Other	Total	Dist	Gen	PPP	Other	Total
Peak	.00	12.42		.00	12.42	.00	7.95		.00	7.95
Part-Peak	.00	3.11		.00	3.11	.00	1.99		.00	1.99
Maximum	1.94	.00		7.19	9.14	2.63	.00		7.19	9.82

Winter

Peak	.00	.00		.00	.00	.00	.76		.00	.76
Part-Peak	.00	.00		.00	.00	.00	.00		.00	.00
Maximum	1.94	.00		7.19	9.14	2.63	.00		7.19	9.82

DEMAND CHARGES - OPTION R (\$/kW)

Summer

Peak	.00	.00		.00	.00	.00	.00		.00	.00
Part-Peak	.00	.00		.00	.00	.00	.00		.00	.00
Maximum	1.94	.00		7.19	9.14	2.63	.00		7.19	9.82

Winter

Peak	.00	.00		.00	.00	.00	.00		.00	.00
Part-Peak	.00	.00		.00	.00	.00	.00		.00	.00
Maximum	1.94	.00		7.19	9.14	2.63	.00		7.19	9.82

ENERGY CHARGES (/kWh)

Summer

Peak	.00000	.08032	.01242	.01285	.10559	.00000	.08952	.01242	.01285	.11479
Part-Peak	.00000	.06771	.01242	.01285	.09299	.00000	.08199	.01242	.01285	.10726
Off-Peak	.00000	.05104	.01242	.01285	.07631	.00000	.06596	.01242	.01285	.09123

Winter

Peak	.00000	.06970	.01242	.01285	.09497	.00000	.09052	.01242	.01285	.11579
Part-Peak	.00000	.06970	.01242	.01285	.09497	.00000	.06618	.01242	.01285	.09145
Off-Peak	.00000	.05689	.01242	.01285	.08216	.00000	.03036	.01242	.01285	.05563
Super Off-Peak										

ENERGY CHARGES - OPTION R (/kWh)

Summer

Peak	.00000	.24902	.01242	.01285	.27429	.00000	.18961	.01242	.01285	.21488
Part-Peak	.00000	.10494	.01242	.01285	.13021	.00000	.10812	.01242	.01285	.13339
Off-Peak	.00000	.05104	.01242	.01285	.07631	.00000	.06596	.01242	.01285	.09123

Winter

Peak	.00000	.06970	.01242	.01285	.09497	.00000	.09986	.01242	.01285	.12513
Part-Peak	.00000	.06970	.01242	.01285	.09497	.00000	.06618	.01242	.01285	.09145
Off-Peak	.00000	.05689	.01242	.01285	.08216	.00000	.03036	.01242	.01285	.05563
Super Off-Peak										

CUSTOMER CHARGE (/meter/day)

E-19	59.13758			59.13758	1800.00	45.99589			45.99589	1400.00
Rate V	4.59959			4.59959	140.00	4.59959			4.59959	140.00

POWER FACTOR ADJUSTMENT (/kWh)

per kWh charge or credit to be applicable per each 1% deviation above or below standard power factor of 85%

	.00005			.00005		.00005			.00005	
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OPTIONAL METER DATA

ACCESS CHARGE (/meter/day)	.00000			.98563	30.00	.98563			.98563	30.00
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E-20 Secondary Firm	Dist	Gen	PPP	Other	Total	Dist	Gen	PPP	Other	Total	
DEMAND CHARGES (/kW)											
Summer											
Peak	5.81	12.24		.00	18.05	4.97	12.07		.00	17.04	
Part-Peak	1.99	3.02		.00	5.01	1.21	1.75		.00	2.96	
Maximum	9.90	.00		7.54	17.44	11.72	.00		7.54	19.26	
Winter											
Peak						.00	1.54		.00	1.54	
Part-Peak	.05	.00		.00	.05						
Maximum	9.90	.00		7.54	17.44	11.72	.00		7.54	19.26	
DEMAND CHARGES - OPTION R (\$/kW)											
Summer											
Peak	1.45	.00		.00	1.45	1.24	.00		.00	1.24	
Part-Peak	.50	.00		.00	.50	.30	.00		.00	.30	
Maximum	9.90	.00		7.54	17.44	11.72	.00		7.54	19.26	
Winter											
Peak						.00	.00		.00	.00	
Part-Peak	.01	.00		.00	.01						
Maximum	9.90	.00		7.54	17.44	11.72	.00		7.54	19.26	
ENERGY CHARGES (/kWh)											
Summer											
Peak	.00000	.11670	.01311	.01263	.14244	.00000	.10932	.01308	.01263	.13503	
Part-Peak	.00000	.07985	.01311	.01263	.10559	.00000	.08709	.01308	.01263	.11279	
Off-Peak	.00000	.05455	.01311	.01263	.08029	.00000	.06953	.01308	.01263	.09524	
Winter											
Peak						.00000	.09608	.01308	.01263	.12178	
Part-Peak	.00000	.07450	.01311	.01263	.10024						
Off-Peak	.00000	.06079	.01311	.01263	.08653	.00000	.06940	.01308	.01263	.09510	
Super Off-Peak						.00000	.03365	.01308	.01263	.05935	
ENERGY CHARGES - OPTION R (/kWh)											
Summer											
Peak	.04386	.24075	.01311	.01263	.31035	.03846	.23974	.01308	.01263	.30390	
Part-Peak	.01458	.11029	.01311	.01263	.15061	.00980	.10699	.01308	.01263	.14250	
Off-Peak	.00000	.05455	.01311	.01263	.08029	.00000	.06953	.01308	.01263	.09524	
Winter											
Peak						.00000	.11313	.01308	.01263	.13883	
Part-Peak	.00019	.07450	.01311	.01263	.10043						
Off-Peak	.00000	.06079	.01311	.01263	.08653	.00000	.06940	.01308	.01263	.09510	
Super Off-Peak						.00000	.03365	.01308	.01263	.05935	
CUSTOMER CHARGE(/meter/day)	39.42505				39.42505	42.71047				42.71047	1300.00
POWER FACTOR ADJUSTMENT (/kWh)	.00005				.00005	.00005				.00005	
per kWh charge or credit to be applicable per each 1% deviation above or below standard power factor of 85%											
OPTIONAL METER DATA											
ACCESS CHARGE (/meter/day)	.98563				.98563	.98563				.98563	30.00

Pacific Gas and Electric Company
 2017 General Rate Case - Phase II
 Standby, Medium and Large Light and Power Settlement, Appendix A
 Illustrative A-10, E-19 and E-20 Rates
 Present and Proposed Rates

E-20 Primary Firm	Dist	Gen	PPP	Other	Total	Dist	Gen	PPP	Other	Total	
DEMAND CHARGES (/kW)											
Summer											
Peak	5.82	13.44		.00	19.26	4.89	13.40		.00	18.29	
Part-Peak	1.95	3.18		.00	5.13	.84	1.84		.00	2.68	
Maximum	7.55	.00		7.54	15.09	9.86	.00		7.54	17.40	
Winter											
Peak				.00	.12	.00	1.54		.00	1.54	
Part-Peak	.12	.00		.00	.12						
Maximum	7.55	.00		7.54	15.09	9.86	.00		7.54	17.40	
DEMAND CHARGES - OPTION R (\$/kW)											
Summer											
Peak	1.46	.00		.00	1.46	1.22	.00		.00	1.22	
Part-Peak	.49	.00		.00	.49	.21	.00		.00	.21	
Maximum	7.55	.00		7.54	15.09	9.86	.00		7.54	17.40	
Winter											
Peak				.00	.03	.00	.00		.00	.00	
Part-Peak	.03	.00		.00	.03						
Maximum	7.55	.00		7.54	15.09	9.86	.00		7.54	17.40	
ENERGY CHARGES (/kWh)											
Summer											
Peak	.00000	.11932	.01204	.01257	.14393	.00000	.10734	.01225	.01257	.13215	
Part-Peak	.00000	.07870	.01204	.01257	.10331	.00000	.08355	.01225	.01257	.10837	
Off-Peak	.00000	.05372	.01204	.01257	.07833	.00000	.06695	.01225	.01257	.09177	
Winter											
Peak						.00000	.09220	.01225	.01257	.11702	
Part-Peak	.00000	.07335	.01204	.01257	.09796						
Off-Peak	.00000	.05986	.01204	.01257	.08447	.00000	.06700	.01225	.01257	.09182	
Super Off-Peak						.00000	.03125	.01225	.01257	.05607	
ENERGY CHARGES - OPTION R (/kWh)											
Summer											
Peak	.04458	.25759	.01204	.01257	.32678	.03438	.23055	.01225	.01257	.28975	
Part-Peak	.01353	.10856	.01204	.01257	.14670	.00624	.10166	.01225	.01257	.13272	
Off-Peak	.00000	.05372	.01204	.01257	.07833	.00000	.06695	.01225	.01257	.09177	
Winter											
Peak						.00000	.10707	.01225	.01257	.13189	
Part-Peak	.00047	.07335	.01204	.01257	.09843						
Off-Peak	.00000	.05986	.01204	.01257	.08447	.00000	.06700	.01225	.01257	.09182	
Super Off-Peak						.00000	.03125	.01225	.01257	.05607	
CUSTOMER CHARGE (/meter/day)	49.28131				49.28131	1500.00	42.71047			42.71047	1300.00
POWER FACTOR ADJUSTMENT (/kWh)	.00005				.00005		.00005			.00005	
per kWh charge or credit to be applicable per each 1% deviation above or below standard power factor of 85%											
OPTIONAL METER DATA											
ACCESS CHARGE (/meter/day)	.98563				.98563	30.00	.98563			.98563	30.00

Pacific Gas and Electric Company
 2017 General Rate Case - Phase II
 Standby, Medium and Large Light and Power Settlement, Appendix A
 Illustrative A-10, E-19 and E-20 Rates
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E-20 Transmission Firm	Dist	Gen	PPP	Other	Total	Dist	Gen	PPP	Other	Total	
DEMAND CHARGES (/kW)											
Summer											
Peak	.00	15.89		.00	15.89	.00	14.94		.00	14.94	
Part-Peak	.00	3.79		.00	3.79	.00	3.56		.00	3.56	
Maximum	.77	.00		7.54	8.31	.92	.00		7.54	8.46	
Winter											
Peak						.00	2.00		.00	2.00	
Part-Peak	.00	.00		.00	.00						
Maximum	.77	.00		7.54	8.31	.92	.00		7.54	8.46	
DEMAND CHARGES - OPTION R (\$/kW)											
Summer											
Peak	.00	.00		.00	.00	.00	.00		.00	.00	
Part-Peak	.00	.00		.00	.00	.00	.00		.00	.00	
Maximum	.77	.00		7.54	8.31	.92	.00		7.54	8.46	
Winter											
Peak						.00	.00		.00	.00	
Part-Peak	.00	.00		.00	.00						
Maximum	.77	.00		7.54	8.31	.92	.00		7.54	8.46	
ENERGY CHARGES (/kWh)											
Summer											
Peak	.00000	.07798	.01032	.01250	.10081	.00000	.09037	.01067	.01250	.11353	
Part-Peak	.00000	.06575	.01032	.01250	.08857	.00000	.07590	.01067	.01250	.09907	
Off-Peak	.00000	.04956	.01032	.01250	.07238	.00000	.05975	.01067	.01250	.08292	
Winter											
Peak						.00000	.08967	.01067	.01250	.11283	
Part-Peak	.00000	.06767	.01032	.01250	.09050						
Off-Peak	.00000	.05524	.01032	.01250	.07806	.00000	.05683	.01067	.01250	.08000	
Super Off-Peak						.00000	.02403	.01067	.01250	.04720	
ENERGY CHARGES - OPTION R (/kWh)											
Summer											
Peak	.00000	.24855	.01032	.01250	.27138	.00000	.22862	.01067	.01250	.25179	
Part-Peak	.00000	.10174	.01032	.01250	.12456	.00000	.11000	.01067	.01250	.13317	
Off-Peak	.00000	.04956	.01032	.01250	.07238	.00000	.05975	.01067	.01250	.08292	
Winter											
Peak						.00000	.10985	.01067	.01250	.13301	
Part-Peak	.00000	.06767	.01032	.01250	.09050						
Off-Peak	.00000	.05524	.01032	.01250	.07806	.00000	.05683	.01067	.01250	.08000	
Super Off-Peak						.00000	.02403	.01067	.01250	.04720	
CUSTOMER CHARGE (/meter/day)	65.70842				65.70842	2000.00	49.28131			49.28131	1500.00
POWER FACTOR ADJUSTMENT (/kWh)	.00005				.00005		.00005			.00005	
per kWh charge or credit to be applicable per each 1% deviation above or below standard power factor of 85%											
OPTIONAL METER DATA											
ACCESS CHARGE (/meter/day)	.98563				.98563	30.00	.98563			.98563	30.00