

PUBLIC UTILITIES COMMISSION

505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102-3298



February 8, 2019

Advice Letter 5470-E

Erik Jacobson
Director, Regulatory Relations
Pacific Gas and Electric Company
77 Beale Street, Mail Code B10C
P.O. Box 770000
San Francisco, CA 94177

SUBJECT: Revisions to Electric Rate Schedules AG-5, and E-20 in Compliance with D.18-08-013 for Optimal Billing Period Service.

Dear Mr. Jacobson:

Advice Letter 5470-E is effective as of February 9, 2019.

Sincerely,

A handwritten signature in cursive script that reads "Edward Randolph".

Edward Randolph
Director, Energy Division



Erik Jacobson
Director
Regulatory Relations

Pacific Gas and Electric Company
77 Beale St., Mail Code B13U
P.O. Box 770000
San Francisco, CA 94177

Fax: 415-973-3582

January 16, 2019

Advice 5470-E

(Pacific Gas and Electric Company ID U 39 E)

Public Utilities Commission of the State of California

Subject: Revisions to Electric Rate Schedules AG-5, E-19 and E-20 in Compliance with Decision 18-08-013 for Optimal Billing Period Service

Pacific Gas and Electric Company ("PG&E") hereby submits for filing revisions to its nonresidential electric rate Schedule E-19 – *Medium General Demand-Metered Time-of-Use Service*, Schedule E-20 – *Service to Customers with Maximum Demands of 1,000 Kilowatts or More*, and Schedule AG-5 – *Large Time-of-Use Agricultural Power*, as well as the Optimal Billing Period (OBP) Service Election Form (Standard Form 79-1111). The affected tariff sheets and OBP Form are listed on the enclosed Attachment 1.

Purpose

In compliance with Ordering Paragraphs 24 and 26 of D.18-08-013, PG&E is submitting revisions to non-residential rate schedules to expand the current Schedule AG-5C bundled customer eligibility of the Optimal Billing Period program to Schedule E-19 (for customers over 500 kW) and Schedule E-20, and to direct access and community choice aggregation customers, while retaining the current participation cap of 50 service accounts.

Background

The Optimal Billing Period program is currently available to bundled customers with demands greater than or equal to 500 kW that take service on Schedule AG-5C or AG-5F. Under this program, customers may revise their meter read date up to twice per year as specified in the tariff. The OBP program is limited to 50 service accounts with interval billed meters.

The original Optimal Billing Period Program was initially approved in D.95-04-077, in PG&E's 1995 Rate Design Window Proceeding, for rate Schedules E-19 – *Medium General Demand-Metered Time-of-Use Service* and E-20 – *Service to Customers with Maximum Demands of 1,000 Kilowatts or More*, and became effective May 1, 1995. This program allowed certain customers on rate Schedules E-19 and E-20 (firm service) to change the dates of two of their summer meter reads. This allowed the customer to better

match PG&E's monthly billing period to the beginning and ending of a customer's production cycle.

OBP program benefits could be realized in instances where the customer had very low usage and demand throughout much of its billing period, but dramatically increased its demand as it began its production cycle just before the meter was read at the end of the billing period. Similarly, a customer might end its production cycle after only two or three days of a new billing period have elapsed. Both scenarios result in higher demand charges relative to the accumulated usage, resulting in a high average rate per kWh in that billing period. By re-designating the customer's meter read date, its load shape was better aligned with its true production energy requirements and PG&E's billing periods, which result in a decrease in its average electric rates over its total production cycle.

In 1999, PG&E filed, and the Commission approved Advice Letter 1896-E, requesting that the OBP Program be expanded to winter peaking accounts and off-season peaking accounts.

In D.03-04-059, the Commission concluded that a group of cotton ginners who were being served on commercial rates were eligible to take service on agricultural rates. Since the agricultural rates did not have an OBP program, cotton ginners were no longer able to participate in an OBP program. In D.05-05-048, the Commission decided that a group of almond hullers who had previously been served on commercial rates also be eligible for agricultural rates. Most of the prior OBP participants had been cotton ginners or nut hullers. Consequently, due to the resulting decline in OBP participation and the difficulty of administering and maintaining the individual OBP agreements and bill credits, PG&E eliminated the commercial OBP program on May 1, 2006 to simplify and streamline tariffs pursuant to PG&E's 2003 GRC Phase 2, D.05-11-005.

Per settlement reached by PG&E and the California Cotton Ginners Association (CCGA) and adopted in D.09-02-019, as implemented by Advice 3439-E, PG&E reinstated an OBP program for qualifying PG&E customers with demands greater than or equal to 500 kW who take service under Schedules AG-5C or AG-5F. The program would be limited to 50 meters at any one-time on a first-come first-served basis.

In D.18-08-013, in response to testimony filed by the California Tomato Processors (CTP), Settling Parties in both the Medium and Large Light and Power customer class, and the Agricultural customer class, agreed to expand the eligibility of the program to Schedule E-19 (for customers over 500 kW) and Schedule E-20, and to direct access and community choice aggregation customers taking service on those schedules. Settling Parties also agreed to retain the program cap of 50 participating accounts. To recognize this shared participation limit, D.18-08-013 specified that PG&E will reserve 36 positions for agricultural accounts and 14 positions for commercial and industrial accounts. Before declining participation of any otherwise eligible agricultural account based on this participation limit, PG&E will verify that all other enrolled accounts are still eligible for the program

In D.18-08-013, Ordering Paragraph 26, the Commission adopted THE AGRICULTURAL RATE DESIGN SUPPLEMENTAL SETTLEMENT AGREEMENT, dated March 30, 2018, where the Ag Parties agreed:

(3) Optimal Billing Period Program: This program will be retained for customers served on legacy Schedule AG-5C and new Schedule AG-C. The program cap of 50 participating accounts will be retained, but commercial and industrial customers will now be eligible to participate. To recognize this shared participation limit, PG&E will reserve 36 positions for agricultural accounts and 14 positions for commercial and industrial accounts. PG&E will implement the expanded eligibility for the Optimal Billing Period Program within 6 months of a Commission decision approving this settlement. Before declining participation of any otherwise eligible agricultural account based on this participation limit, PG&E will verify that all other enrolled accounts are still eligible for the program.

Also in D.18-08-013, Ordering Paragraph 24, the Commission adopted THE STANDBY AND MEDIUM AND LARGE LIGHT AND POWER (MLLP) RATE DESIGN SUPPLEMENTAL SETTLEMENT AGREEMENT, dated January 31, 2018, where the MLLP Parties agreed:

(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.

Proposed Revisions

To limit the OBP administrative burden, PG&E proposes that customers on net energy metering Schedules VNEM, NEMA, NEMFC, NEMBIO, NEMCCSF, or RES-BCT be ineligible for OBP service.

For OBP, incorporating manual OBP changes into such a wide range of rate schedules which will have so few OBP participants is not practical, would be cost prohibitive, and may unduly complicate OBP bill calculations. None of the approximately 30 current OBP participants fall into any of the above categories which PG&E now requests be excluded for the 20 available new positions among the OBP participation cap of 50 meter sites, or any replacement slots, should there be future OBP program dropouts.

Tariff Revisions

In compliance with D.18-08-013, PG&E proposes the following tariff revisions:

Rate Schedule AG-5

- Added language to the Special Conditions Section 16 expanding program eligibility and recognizing the shared participation limit between Agricultural and Commercial & Industrial service accounts
- Remove outdated reference to OBP bill credit

Rate Schedule E-19

- Addition of Special Conditions Section 21, explaining OBP service terms and conditions

Rate Schedule E-20

Addition of Special Conditions Section 19, explaining OBP service terms and conditions

Optimal Billing Period Service Election Form (Form 79-1111)

- Conforming revisions to the OBP customer agreement form

For your convenience, redline version of the revised tariffs sheets and Form 79-1111 have been included as Attachment 2.

The filing would not increase any current rate or charge, cause the withdrawal of service, or conflict with any rate schedule or rule.

Protests

Anyone wishing to protest this filing may do so by letter sent via U.S. mail, facsimile or E-mail, no later than February 5, 2019, which is 20 days after the date of this filing. Protests must be submitted to:

CPUC Energy Division
ED Tariff Unit
505 Van Ness Avenue, 4th Floor
San Francisco, California 94102

Facsimile: (415) 703-2200
E-mail: EDTariffUnit@cpuc.ca.gov

Copies of protests also should be mailed to the attention of the Director, Energy Division, Room 4004, at the address shown above.

The protest shall also be sent to PG&E either via E-mail or U.S. mail (and by facsimile, if possible) at the address shown below on the same date it is mailed or delivered to the Commission:

Erik Jacobson
Director, Regulatory Relations
c/o Megan Lawson
Pacific Gas and Electric Company
77 Beale Street, Mail Code B13U
P.O. Box 770000
San Francisco, California 94177

Facsimile: (415) 973-3582
E-mail: PGETariffs@pge.com

Any person (including individuals, groups, or organizations) may protest or respond to an advice letter (General Order 96-B, Section 7.4). The protest shall contain the following information: specification of the advice letter protested; grounds for the protest; supporting factual information or legal argument; name, telephone number, postal address, and (where appropriate) e-mail address of the protestant; and statement that the protest was sent to the utility no later than the day on which the protest was submitted to the reviewing Industry Division (General Order 96-B, Section 3.11).

Effective Date

PG&E requests that this Tier 1 compliance advice filing become effective on February 9, 2019, which is six months from the date of D.18-08-013.

Notice

In accordance with General Order 96-B, Section IV, a copy of this advice letter is being sent electronically and via U.S. mail to parties shown on the attached list and the parties on the service list for A.16-06-013. Address changes to the General Order 96-B service list should be directed to PG&E at email address PGETariffs@pge.com. For changes to any other service list, please contact the Commission's Process Office at (415) 703-2021 or at Process_Office@cpuc.ca.gov. Send all electronic approvals to PGETariffs@pge.com. Advice letter filings can also be accessed electronically at: <http://www.pge.com/tariffs/>.

/S/

Erik Jacobson
Director, Regulatory Relations

Attachments

cc: Service List A.16-06-013



ADVICE LETTER SUMMARY

ENERGY UTILITY

MUST BE COMPLETED BY UTILITY (Attach additional pages as needed)

Company name/CPUC Utility No.: Pacific Gas and Electric Company (ID U39E)

Utility type:

- ELC GAS WATER
 PLC HEAT

Contact Person: Yvonne Yang

Phone #: (415)973-2094

E-mail: PGETariffs@pge.com

E-mail Disposition Notice to: Yvonne.Yang@pge.com

EXPLANATION OF UTILITY TYPE

ELC = Electric GAS = Gas WATER = Water
 PLC = Pipeline HEAT = Heat

(Date Submitted / Received Stamp by CPUC)

Advice Letter (AL) #: 5470-E

Tier Designation: 1

Subject of AL: Revisions to Electric Rate Schedules AG-5, E-19 and E-20 in Compliance with Decision 18-08-013 for Optimal Billing Period Service

Keywords (choose from CPUC listing): Compliance

AL Type: Monthly Quarterly Annual One-Time Other:

If AL submitted in compliance with a Commission order, indicate relevant Decision/Resolution #: D.18-08-013

Does AL replace a withdrawn or rejected AL? If so, identify the prior AL: No

Summarize differences between the AL and the prior withdrawn or rejected AL:

Confidential treatment requested? Yes No

If yes, specification of confidential information:

Confidential information will be made available to appropriate parties who execute a nondisclosure agreement. Name and contact information to request nondisclosure agreement/ access to confidential information:

Resolution required? Yes No

Requested effective date: 1/16/19

No. of tariff sheets: 11

Estimated system annual revenue effect (%): N/A

Estimated system average rate effect (%): N/A

When rates are affected by AL, include attachment in AL showing average rate effects on customer classes (residential, small commercial, large C/I, agricultural, lighting).

Tariff schedules affected: See attachment 1

Service affected and changes proposed¹: N/A

Pending advice letters that revise the same tariff sheets: N/A

¹Discuss in AL if more space is needed.

Protests and all other correspondence regarding this AL are due no later than 20 days after the date of this submittal, unless otherwise authorized by the Commission, and shall be sent to:

CPUC, Energy Division
Attention: Tariff Unit
505 Van Ness Avenue
San Francisco, CA 94102
Email: EDTariffUnit@cpuc.ca.gov

Name: Erik Jacobson, c/o Megan Lawson
Title: Director, Regulatory Relations
Utility Name: Pacific Gas and Electric Company
Address: 77 Beale Street, Mail Code B13U
City: San Francisco, CA 94177
State: California Zip: 94177
Telephone (xxx) xxx-xxxx: (415)973-2093
Facsimile (xxx) xxx-xxxx: (415)973-3582
Email: PGETariffs@pge.com

Name:
Title:
Utility Name:
Address:
City:
State: District of Columbia Zip:
Telephone (xxx) xxx-xxxx:
Facsimile (xxx) xxx-xxxx:
Email:

Clear Form

Cal P.U.C. Sheet No.	Title of Sheet	Cancelling Cal P.U.C. Sheet No.
43672-E	ELECTRIC SAMPLE FORM 79-1111 OPTIMAL BILLING PERIOD SERVICE ELECTION FORM Sheet 1	40828-E
43673-E	ELECTRIC SCHEDULE AG-5 LARGE TIME-OF-USE AGRICULTURAL POWER Sheet 15	31013-E
43674-E	ELECTRIC SCHEDULE AG-5 LARGE TIME-OF-USE AGRICULTURAL POWER Sheet 16	40843-E
43675-E	ELECTRIC SCHEDULE E-19 MEDIUM GENERAL DEMAND-METERED TOU SERVICE Sheet 23	
43676-E	ELECTRIC SCHEDULE E-19 MEDIUM GENERAL DEMAND-METERED TOU SERVICE Sheet 24	
43677-E	ELECTRIC SCHEDULE E-20 SERVICE TO CUSTOMERS WITH MAXIMUM DEMANDS of 1000 KILOWATTS or MORE Sheet 17	
43678-E	ELECTRIC SCHEDULE E-20 SERVICE TO CUSTOMERS WITH MAXIMUM DEMANDS of 1000 KILOWATTS or MORE Sheet 18	
43679-E	ELECTRIC TABLE OF CONTENTS Sheet 1	43665-E
43680-E	ELECTRIC TABLE OF CONTENTS Sheet 4	43621-E
43681-E	ELECTRIC TABLE OF CONTENTS Sheet 7	43624-E
43682-E	ELECTRIC TABLE OF CONTENTS Sheet 28	43034-E*



ELECTRIC SAMPLE FORM 79-1111
OPTIMAL BILLING PERIOD SERVICE ELECTION FORM

Sheet 1

**Please Refer to Attached
Sample Form**



OPTIMAL BILLING PERIOD SERVICE ELECTION FORM

The undersigned Customer hereby acknowledges and agrees to all terms and conditions specified.

1. Eligibility

Customers taking service on PG&E's Schedule AG-5, "Large Time-of-Use Agricultural Power", Rate C or F, Schedule E-19, "Medium General Demand Metered Time-of-Use Service," or Schedule E-20, "Service to Customers with Maximum Demands of 1,000 Kilowatts or More," may elect the Optimal Billing Period (OBP) service, subject to program availability, and the qualifying eligibility terms and conditions specified below and in the applicable tariffs.

2. By electing the Optimal Billing Period (OBP) service, customer declares it has reviewed and meets all eligibility requirements as described in the customer's applicable electric rate schedules: PG&E's electric rate Schedule AG-5, Special Condition 16 – *Optimal Billing Period Service*, PG&E's electric rate Schedule E-19, Special Condition 21 – *Optimal Billing Period Service*, or in PG&E's electric rate Schedule E-20, Special Condition 19 – *Optimal Billing Period Service*. **Terms and Conditions**

The initial term of this Agreement shall be for a period of one (1) year from the date executed by PG&E. This Agreement shall continue thereafter for successive terms of one (1) year, provided, however, that either party shall have the right to terminate this Agreement at the expiration of the initial one (1) year term or anytime thereafter upon thirty (30) days written notice to the other party. However, if a customer terminates this agreement between anniversary dates, there shall be no entitlement to a refund for any portion of the most recent OBP fee payment to PG&E. Once terminated, the Customer will not be eligible for OBP service for twelve (12) months from the termination date. Should this OBP program terminate, PG&E reserves the right to terminate all Agreements upon the expiration date of the OBP service.

3. Designation of Subject Months

The Customer designates the six consecutive months of _____, _____, _____, _____, _____, and _____ as the high seasonal optimal billing period.

4. Annual Qualification

Customers must continue to meet the eligibility requirements stated in Section 1, above, to qualify for OBP service in subsequent one-year term(s).

5. Customer Notification to PG&E

The customer must notify PG&E via email and shall state in its subject line "OBP Notification" of its elected production start and/or end dates of the OBP service. The designation may not be implemented if it is not received or if it does not contain the specified information. A participating customer must email PG&E at least seventy-two (72) hours in advance of elected date(s). The customer should send emails to the following address: OptimalBillingNotifi@pge.com.



OPTIMAL BILLING PERIOD SERVICE ELECTION FORM

6. Commission Jurisdiction

This Agreement and PG&E's tariffs shall all times be subject to such changes or modifications by the California Public Utilities Commission (Commission) as said Commission may direct, from time to time, in the exercise of its jurisdiction.

THEREFORE, being a duly authorized representative of the Customer, I certify that I have read the foregoing and understand and agree to all terms and conditions.

Executed this _____ day of _____, _____.

BY:

Customer or Business Name

Signature

Type or print name

Title

Date

BY:

PACIFIC GAS & ELECTRIC COMPANY

Signature

Type or print name

Title

Date



ELECTRIC SCHEDULE AG-5
LARGE TIME-OF-USE AGRICULTURAL POWER

Sheet 15

14. STANDBY
APPLICA-
BILITY:

SOLAR GENERATION FACILITIES EXEMPTION: Customers who utilize solar generating facilities which are less than or equal to one megawatt to serve load and who do not sell power or make more than incidental export of power into PG&E's power grid and who have not elected service under Schedule NEM, will be exempt from paying the otherwise applicable standby reservation charges.

DISTRIBUTED ENERGY RESOURCES EXEMPTION: Any customer under a time-of-use rate schedule using electric generation technology that meets the criteria as defined in Electric Rule 1 for Distributed Energy Resources is exempt from the otherwise applicable standby reservation charges. Customers qualifying for this exemption shall be subject to the following requirements. Customers qualifying for an exemption from standby charges under Public Utilities (PU) Code Sections 353.1 and 353.3, as described above, must take time-of-use service to receive this exemption until a real-time pricing program, as described in PU Code 353.3, is made available. Once available, customers qualifying for the standby charge exemption must participate in the real-time program referred to above. Qualification for and receipt of this distributed energy resources exemption does not exempt the customer from metering charges applicable to time-of-use (TOU) and real-time pricing, or exempt the customer from reasonable interconnection charges, non-bypassable charges as required in Preliminary Statement BB - *Competition Transition Charge Responsibility for All Customers and CTC Procurement*, or obligations determined by the Commission to result from participation in the purchase of power through the California Department of Water Resources, as provided in PU Code Section 353.7.

15. DWR BOND
CHARGE:

The Department of Water Resources (DWR) Bond Charge was imposed by California Public Utilities Commission Decision 02-10-063, as modified by Decision 02-12-082, and is property of DWR for all purposes under California law. The Bond Charge applies to all retail sales, excluding CARE and Medical Baseline sales. The DWR Bond Charge (where applicable) is included in customers' total billed amounts.

16. OPTIMAL
BILLING
PERIOD
SERVICE:

The Optimal Billing Period (OBP) service is a voluntary program available to bundled, direct access and community choice aggregation customers taking service on Schedule AG-5 (C) and (F) rates, Schedule E-19 or Schedule E-20. To qualify, a meter must have registered a demand of 500 kW or greater at least once during the most recent 12 months. The OBP service is limited to 50 service accounts with interval billed meters.

(T)
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(T)

Customers electing this service must complete the "Optimal Billing Period Service Election Form" (Form 79-1111).

Decision 18-08-013 expanded the eligibility of OBP to Schedule E-19 (above 500 kW as defined above), Schedule E-20, and to direct access and community choice aggregation customers taking service on eligible schedules. Decision 18-08-013 retained the participation cap of 50 positions, and reserved 36 positions for agricultural accounts, and 14 positions for commercial and industrial accounts. Before declining participation of any otherwise eligible account based on these participation limits, PG&E will verify that all other enrolled accounts are still eligible for the program.

(N)
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Customers on net energy metering Schedules VNEM, NEMBIO, NEMFC, NEMCCSF, NEMA or RES-BCT are not eligible for OBP service.

|
(N)

(L)
(L)

(Continued)



ELECTRIC SCHEDULE AG-5
LARGE TIME-OF-USE AGRICULTURAL POWER

Sheet 16

16. OPTIMAL BILLING PERIOD SERVICE: (Cont'd) The OBP service allows a billing cycle(s) to coincide with the customer's high seasonal production cycle. The customer designates the OBP by selecting one or both of the following: (L)

a) a specific month and day for the start of the OBP; and/or

b) a specific month and day for the end of the OBP.

PG&E will use the customer's usage from the preceding twelve (12) billing months to determine eligibility for the OBP service. To qualify, the average of the previous high season monthly maximum demand must be at least double the average of the low season monthly maximum demand. The customer must also specify which six consecutive months will be their high season optimal billing period. (L)

The start and end dates must fall within the customer's high seasonal production cycle. In no event shall any revised billing period exceed forty-five (45) days or be less than fifteen (15) days. To qualify for this option, the customer must designate an OBP of not more than six (6) months in duration.

To designate the specific date for the start or end of the OBP, a participating customer must email PG&E at least seventy-two (72) hours in advance and such email shall state in its subject line "OBP Notification." The designation may not be implemented if it is not received or if it does not contain the specified information.

Prior to receiving OBP service, the customer must pay an annual OBP fee of \$160.00 per meter. In order to retain the OBP service option in each subsequent year, the annual participation fee must be received by PG&E by the anniversary date of the contract. PG&E will bill the annual OBP fee upon the anniversary date of the contract unless the customer terminates the contract. For billing purposes, the annual participation fee shall be assigned to Distribution. (T)

A. No Retroactive Application

No customer shall be entitled to a refund associated with the OBP service for costs that might have been avoided had the service been available at an earlier point in time.

B. Customer Notification to PG&E

A customer must have at least 12 months of usage on a specific meter before the OBP service can be received on that particular meter. Also, a customer must provide notice to PG&E of their intention to obtain OBP service at least ninety (90) days before the start of the program.

(Continued)



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Sheet 4

SCHEDULE	TITLE OF SHEET	CAL P.U.C. SHEET NO.
Rate Schedules Commercial/Industrial		
A-1	Small General Service	40709,34539,43474,43475,43476, 31249,40834,43477,31252,40710 ,31254,40711-E
A-6	Small General Time-of-Use Service	36652,40715,43486,43487,25981*, 43488,35784,40716,35340,40717-E
A-10	Medium General Demand-Metered Service	35410,40712,43478,43479, 43480,43481,29081,29082,40836,43482,29085,29086,40713,35342,40714-E
A-15	Direct-Current General Service	43483,43484,31442,41819-E
E-19	Medium General Demand-Metered Time-of-Use Service	29090,40724,42858,43508, 43509,43510,43511,43512,43513,35054,35055,37144,35057 35058,35059,43514,35392,35062,40848,40726,42859,42860, 43675, 43676-E (T)
E-20	Service to Customers with Maximum Demands of 1,000 Kilowatts or More	40728,42861, 43515,43516,43517,43518,35069,35070,37145 35072,43519,35393,40729,40730,42862,42863, 43677,43678-E (T)
E-31	Distribution Bypass Deferral Rate	20620,24899,20622-E
E-37	Medium General Demand-Metered Time-of-Use Service to Oil and Gas Extraction Customers	35787,31447*,31288,43520,43521,31291,31292,31293,40850,43522-E
E-CARE	CARE Program Service for Qualified Nonprofit Group-Living and Qualified Agricultural Employee Housing Facilities	43526-E
E-CSAC	Commercial Smart A/C Program	32823,31306,27302-E
E-PWF	Section 399.20 PPA	32735, 30264,30759-E
E-REMAT	Renewable Market Adjusting Tariff (ReMAT)	32736,32737,32738,32739,32740, 32741,32742,32743,32744,32745,32746,32747-E
E-SRG	Small Renewable Generator PPA	32748,30266,30760-E
EDR	Economic Development Rate	43025,43026,43027,43028,43029,43030,43031-E
EITE	Emissions-Intensive and Trade-Exposed Customer Greenhouse Gas Allowance Revenue Provisions	35091,35092,35093-E

(Continued)



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Sheet 7

SCHEDULE	TITLE OF SHEET	CAL P.U.C. SHEET NO.
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**Rate Schedules
Other**

NEMVMASH	Net Energy Metering – Virtual Net Energy Metering	31625,33922*,42064,33923, 33924,33925,31630,36567,31632,31633, 36568,31635,42065,31637,33217,31639,42066-E
NEM2VMASH	Virtual Net Energy Metering For Multifamily Affordable Housing (MASH/NSHP) With Solar Generator(s)	37847,37848,42051,37850,37851,37852,37853,37854,37855, 37856,37857,37858,37859,37860,42052,37862,37863,42053,42054-E
E-ERA RES-BCT	Energy Rate Adjustments..... Schedule for Local Government Renewable Energy Self-Generation Bill Credit Transfer.....	43527,43528,43529,43530-E 37782,37783,37784,37785,37786, 37787,37788,37789,37790-37791-E E
E-OBF	On-Bill Financing Balance Account (OBFBA)	40227,40228,40229-E
E-OBR	On-Bill Repayment (OBR) Pilots	34527,34528,34529,34530,34531,34532, 34533-E
E-SOP	Residential Electric SmartMeter™ Opt-Out Program	35105,40860-E
PEVSP	Plug-In Electric Vehicle Submetering Pilot – Phase 1	36571,35261,34249,35262,35263-E
PEVSP 2	Plug-In Electric Vehicle Submetering Pilot – Phase 2	37688,37689,37690,37691 37692,37693,37694,37695,37696,37697, 37698-E

**Rate Schedules
Agricultural**

AG-1	Agricultural Power	34541,43489,43490,24222,24223,41825,43491-E
AG-R	Split-Week Time-of-Use Agricultural Power	35785,43166 ,31264,43499, 43500,31267,31268,31269,43501,31271-E
AG-V	Short-Peak Time-of-Use Agricultural Power.....	35786,43167,31273,43502, 43503,31276,31277,31278,31279,31280,40504,31282-E
AG-4	Time-of-Use Agricultural Power	25909,35411,43162,43492,41827,42697, 42698,43493,30992,30993,30994,30995, 30996,43494,30998,43163,31000,40720-E
AG-5	Large Time-of-Use Agricultural Power	25911,35412,43164,42699,43495,41834, 42701,43496,31007,31008,31009,31010,31011, 43497, 43673, 43674 ,43165,31016,35345,40723-E (T)
AG-ICE	Agricultural Internal Combustion Engine Conversion Incentive Rate – Expiration Transition Rate	36458,36459,38143,38144,43498,36463,36464,36465-E

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FORM	TITLE OF SHEET	CAL P.U.C. SHEET NO.
Sample Forms Net Energy Metering		
79-1190	Virtual Net Energy Metering (NEM2V) Interconnection Agreement for a Solar (PV) or Wind Generating Facility of 1 MW or Less	42041-E
79-1192	Interconnection Agreement for Non-Export Storage Generating Facilities 500KW or Less	42297-E
79-1193	Agreement and Customer Authorization Net Energy Metering Interconnection for Solar and/or Wind Electric Generating Facilities of 30 Kilowatts or Less Paired with Energy Storage of 10 Kilowatts or Less	41144-E
79-1193-02	Agreement and Customer Authorization Net Energy Metering (NEM2) Interconnection for Solar and/or Wind Electric Generating Facilities of 30 Kilowatts or Less Paired with Energy Storage of 10 Kilowatts or Less	41145-E
79-1193	Agreement and Customer Authorization Net Energy Metering Interconnection for Solar and/or Wind Electric Generating Facilities of 30 Kilowatts or Less Paired with Energy Storage of 10 Kilowatts or Less	41144-E
79-1195	Eligible Low Income Development Virtual Net Energy Metering (NEMVMASH) Interconnection Agreement for Multifamily Affordable Housing with Solar Generation Totaling 1 MW or Less	42042-E
79-1196	Virtual Net Energy Metering (NEMV) Interconnection Agreement for Solar (PV) or Wind Generation Totaling 1 MW or Less	42043-E
Sample Forms Street, Highway, and Area Lighting		
79-938	Customer-Owned Streetlights Pacific Gas and Electric Company Pole Contract Agreement.....	33010-E
79-1105	Agreement for Unmetered Electric Service to Seasonal Lighting Loads Connected to Festoon Outlets on Pacific Gas and Electric Company's Street Light Facilities	32142-E
79-1007	Request to Install or Energize Street Light Schedule: LS-1, LS-2 and OL-1. Energy Billing Information for Initial and Subsequent Installations.....	42806-E
79-1008	Request to De-Energize or Remove Street Light Schedule: LS-1, LS-2 and OL-1 Energy Billing Information	42807-E
79-1048	Agreement for Unmetered Low Wattage Equipment Connected to Customer-Owned Street Light Facilities	32135-E
79-1078	Agreement for Unmetered Electric Service to Wireless Devices Energized by Connection to Pacific Gas and Electric Company Street Light Facilities	33022-E
79-1177	Special Contract for Unmetered Service Agreement for Energy Use Adjustments for Network Controlled Dimmable Streetlights - 2014 Pilot Program	35790-E
Sample Forms Commercial, Industrial, and Agricultural		
79-759	Supplemental Agreement for As-Available Capacity.....	32488-E
79-1111	Optimal Billing Period Service Election Form.....	43672-E (T)
79-1154	Agreement for Economic Development Rate on Electric Service	43024-E*
Sample Forms Standby		
79-285	Special Agreement for Electrical Standby Service (Schedule S)	33177-E
79-726	Electric Standby Service Log Sheet (Schedule S)	32519-E
79-1110	Reactive Demand Charge Exemption Form (Schedule S)	42817-E
79-1188	Special Agreement for Retail Storage Station Service for In Front of the Meter Applications	40237-E

(Continued)

Advice 5470-E
January 16, 2019

Attachment 2
Redlined Tariffs



OPTIMAL BILLING PERIOD SERVICE ELECTION FORM

DISTRIBUTION

- Customer
- ES&S,
- Customer Billing
- _____

REFERENCES

Elec Acct #: _____
 SA#: _____
 Control#: _____
 Rate Sch _____
 Voltage: _____

The undersigned Customer hereby acknowledges and agrees to all terms and conditions specified.

1. Eligibility

Customers taking service on PG&E's Schedule AG-5, "Large Time-of-Use Agricultural Power", Rate C or F, or Schedule E-19, "Medium General Demand Metered Time-of-Use Service," or Schedule E-20, "Service to Customers with Maximum Demands of 1,000 Kilowatts or More," may elect the Optimal Billing Period (OBP) service, subject to program availability, and the qualifying eligibility terms and conditions specified below and in the applicable tariffs.

By electing the Optimal Billing Period (OBP) service, customer declares it has reviewed ~~PG&E's electric rate Schedule AG-5, "Large Time-of-Use Agricultural Power"~~, and meets all eligibility requirements as described in the customer's applicable electric rate schedules: PG&E's electric rate Schedule AG-5, Special Condition 16 – Optimal Billing Period Service of Schedule AG-5, PG&E's electric rate Schedule E-19, Special Condition 21 – Optimal Billing Period Service, or in PG&E's electric rate Schedule E-20, Special Condition 19 – Optimal Billing Period Service.

2. Terms and Conditions

The initial term of this Agreement shall be for a period of one (1) year from the date executed by PG&E. This Agreement shall continue thereafter for successive terms of one (1) year, provided, however, that either party shall have the right to terminate this Agreement at the expiration of the initial one (1) year term or anytime thereafter upon thirty (30) days written notice to the other party. However, if a customer terminates this agreement between anniversary dates, there shall be no entitlement to a refund for any portion of the most recent OBP fee payment to PG&E. Once terminated, the Customer will not be eligible for OBP service for twelve (12) months from the termination date. Should this ~~OBP pilot~~ program terminate, PG&E reserves the right to terminate all Agreements upon the expiration date of the ~~pilot~~-OBP service.

3. Designation of Subject Months

The Customer designates the six consecutive months of _____, _____, _____, _____, _____, and _____ as the high seasonal optimal billing period.

4. Annual Qualification

Customers must continue to meet the eligibility requirements stated in Section 1, above, to qualify for OBP service in subsequent one-year term(s).



OPTIMAL BILLING PERIOD SERVICE ELECTION FORM

DISTRIBUTION

- Customer
- ES&S,
- Customer Billing
- _____

REFERENCES

Elec Acct #: _____
 SA#: _____
 Control#: _____
 Rate Sch _____
 Voltage: _____

5. Customer Notification to PG&E

The customer must notify PG&E via email and shall state in its subject line "OBP Notification" of its elected production start and/or end dates of the OBP service. The designation may not be implemented if it is not received or if it does not contain the specified information. A participating customer must email PG&E at least seventy-two (72) hours in advance of elected date(s). The customer should send emails to the following address: OptimalBillingNotifi@pge.com.



OPTIMAL BILLING PERIOD SERVICE ELECTION FORM

6. Commission Jurisdiction

This Agreement and PG&E's tariffs shall all times be subject to such changes or modifications by the California Public Utilities Commission (Commission) as said Commission may direct, from time to time, in the exercise of its jurisdiction.

THEREFORE, being a duly authorized representative of the Customer, I certify that I have read the foregoing and understand and agree to all terms and conditions.

Executed this _____ day of _____, _____.

BY:

Customer or Business Name

Signature

Type or print name

Title

Date

BY:

PACIFIC GAS & ELECTRIC COMPANY

Signature

Type or print name

Title

Date



ELECTRIC SCHEDULE AG-5
LARGE TIME-OF-USE AGRICULTURAL POWER

Sheet 15

16. OPTIMAL BILLING PERIOD SERVICE:

The Optimal Billing Period (OBP) service is a voluntary ~~pilot~~ program ~~for available to bundled, direct access and community choice aggregation customers taking service customers on the~~ Schedule AG-5 (C) and (F) rates, Schedule E-19 or Schedule E-20. To qualify, a meter must have registered a demand of 500 kW or greater at least once during the most recent 12 months. The OBP service is limited to 50 service accounts with interval billed meters.

Customers electing this service must complete the "Optimal Billing Period Service Election Form" (Form 79-1111).

Decision 18-08-013 expanded the eligibility of OBP to Schedule E-19 (above 500 kW as defined above), Schedule E-20, and to direct access and community choice aggregation customers taking service on eligible schedules. Decision 18-08-013 retained the participation cap of 50 positions, and reserved 36 positions for agricultural accounts, and 14 positions for commercial and industrial accounts. Before declining participation of any otherwise eligible account based on these participation limits, PG&E will verify that all other enrolled accounts are still eligible for the program.

Customers on net energy metering Schedules VNEM, NEMBIO, NEMFC, NEMCCSF, NEMA or RES-BCT are not eligible for OBP service.

The OBP service allows a billing cycle(s) to coincide with the customer's high seasonal production cycle. The customer designates the OBP by selecting one or both of the following:

- a) a specific month and day for the start of the OBP; and/or
- b) a specific month and day for the end of the OBP.

PG&E will use the customer's usage from the preceding twelve (12) billing months to determine eligibility for the OBP service. To qualify, the average of the previous high season monthly maximum demand must be at least double the average of the low season monthly maximum demand. The customer must also specify which six consecutive months will be their high season optimal billing period.

(Continued)

Advice 3896-E-B
Decision

Issued by
Brian K. Cherry
Vice President
Regulation and Rates

Date Filed	December 30, 2011
Effective	January 1, 2012
Resolution	E-4432



ELECTRIC SCHEDULE AG-5
LARGE TIME-OF-USE AGRICULTURAL POWER

Sheet 16

16. OPTIMAL BILLING PERIOD SERVICE: (Cont'd)

The start and end dates must fall within the customer's high seasonal production cycle. In no event shall any revised billing period exceed forty-five (45) days or be less than fifteen (15) days. To qualify for this option, the customer must designate an OBP of not more than six (6) months in duration.

To designate the specific date for the start or end of the OBP, a participating customer must email PG&E at least seventy-two (72) hours in advance and such email shall state in its subject line "OBP Notification." The designation may not be implemented if it is not received or if it does not contain the specified information.

Prior to receiving OBP service, the customer must pay an annual OBP fee of \$160.00 per meter. In order to retain the OBP service option in each subsequent year, the annual participation fee must be received by PG&E by the anniversary date of the contract. PG&E will bill the annual OBP fee upon the anniversary date of the contract unless the customer terminates the contract. For billing purposes, the annual participation fee ~~and OBP bill credit~~ shall be assigned to Distribution.

(T)

A. No Retroactive Application

No customer shall be entitled to a refund associated with the OBP service for costs that might have been avoided had the service been available at an earlier point in time.

B. Customer Notification to PG&E

A customer must have at least 12 months of usage on a specific meter before the OBP service can be received on that particular meter. Also, a customer must provide notice to PG&E of their intention to obtain OBP service at least ninety (90) days before the start of the program.

(T)

(Continued)



ELECTRIC SCHEDULE E-19
MEDIUM GENERAL DEMAND-METERED TOU SERVICE

Sheet 22

Prior to receiving OBP service, the customer must pay an annual OBP fee of \$160.00 per meter. In order to retain the OBP service option in each subsequent year, the annual participation fee must be received by PG&E by the anniversary date of the contract. PG&E will bill the annual OBP fee upon the anniversary date of the contract unless the customer terminates the contract. For billing purposes, the annual participation fee shall be assigned to Distribution.

A. No Retroactive Application

No customer shall be entitled to a refund associated with the OBP service for costs that might have been avoided had the service been available at an earlier point in time.

B. Customer Notification to PG&E

A customer must have at least 12 months of usage on a specific meter before the OBP service can be received on that particular meter. Also, a customer must provide notice to PG&E of their intention to obtain OBP service at least ninety (90) days before the start of the program.

(Continued)

Advice 5352-E
Decision 14-12-080

Issued by
Robert S. Kenney
Vice President, Regulatory Affairs

Submitted August 8, 2018
Effective September 7, 2018
Resolution

ELECTRIC SCHEDULE E-20
SERVICE TO CUSTOMERS WITH MAXIMUM
DEMANDS of 1000 KILOWATTS or MORE

Sheet 16

19. OPTIMAL BILLING PERIOD SERVICE:

The Optimal Billing Period (OBP) service is a voluntary program available to bundled, direct access and community choice aggregation customers taking service on Schedule AG-5 (C) and (F) rates, Schedule E-19 or Schedule E-20. To qualify, a meter must have registered a demand of 500 kW or greater at least once during the most recent 12 months. The OBP service is limited to 50 service accounts with interval billed meters.

Customers electing this service must complete the "Optimal Billing Period Service Election Form" (Form 79-1111).

Decision 18-08-013 expanded the eligibility of OBP to Schedule E-19 (above 500 kW as defined above), Schedule E-20, and to direct access and community choice aggregation customers taking service on eligible schedules. Decision 18-08-013 retained the participation cap of 50 positions, and reserved 36 positions for agricultural accounts, and 14 positions for commercial and industrial accounts. Before declining participation of any otherwise eligible account based on these participation limits, PG&E will verify that all other enrolled accounts are still eligible for the program.

Customers on net energy metering Schedules VNEM, NEMBIO, NEMFC, NEMCCSF, NEMA or RES-BCT are not eligible for OBP service.

The OBP service allows a billing cycle(s) to coincide with the customer's high seasonal production cycle. The customer designates the OBP by selecting one or both of the following:

- _____ a) a specific month and day for the start of the OBP; and/or
- _____ b) a specific month and day for the end of the OBP.

PG&E will use the customer's usage from the preceding twelve (12) billing months to determine eligibility for the OBP service. To qualify, the average of the previous high season monthly maximum demand must be at least double the average of the low season monthly maximum demand. The customer must also specify which six consecutive months will be their high season optimal billing period.

The start and end dates must fall within the customer's high seasonal production cycle. In no event shall any revised billing period exceed forty-five (45) days or be less than fifteen (15) days. To qualify for this option, the customer must designate an OBP of not more than six (6) months in duration.

To designate the specific date for the start or end of the OBP, a participating customer must email PG&E at least seventy-two (72) hours in advance and such email shall state in its subject line "OBP Notification." The designation may not be implemented if it is not received or if it does not contain the specified information.

(Continued)

<p>Advice 5352-E Decision 14-12-080</p>	<p>Issued by Robert S. Kenney Vice President, Regulatory Affairs</p>	<p>Submitted Effective Resolution</p>	<p>August 8, 2018 September 7, 2018</p>
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**PG&E Gas and Electric
Advice Filing List
General Order 96-B, Section IV**

AT&T	Downey & Brand	Pioneer Community Energy
Albion Power Company	East Bay Community Energy	Praxair
Alcantar & Kahl LLP	Ellison Schneider & Harris LLP	Regulatory & Cogeneration Service, Inc.
	Energy Management Service	SCD Energy Solutions
Alta Power Group, LLC	Evaluation + Strategy for Social	
Anderson & Poole	Innovation	SCE
	GenOn Energy, Inc.	SDG&E and SoCalGas
Atlas ReFuel	Goodin, MacBride, Squeri, Schlotz &	
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Center for Biological Diversity	Los Angeles County Integrated Waste	
City of Palo Alto	Management Task Force	TransCanada
	Los Angeles Dept of Water & Power	Troutman Sanders LLP
City of San Jose	MRW & Associates	Utility Cost Management
Clean Power Research	Manatt Phelps Phillips	Utility Power Solutions
Coast Economic Consulting	Marin Energy Authority	Utility Specialists
Commercial Energy	McKenzie & Associates	
County of Tehama - Department of Public		Verizon
Works	Modesto Irrigation District	Water and Energy Consulting
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Crown Road Energy, LLC	NLine Energy, Inc.	Western Manufactured Housing
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Day Carter Murphy		Yep Energy
	Office of Ratepayer Advocates	
Dept of General Services	OnGrid Solar	
Don Pickett & Associates, Inc.	Pacific Gas and Electric Company	
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