

PUBLIC UTILITIES COMMISSION

505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102-3298



June 13, 2012

Advice Letters 4038-E and 4038-E-A

Brian K. Cherry
Vice President, Regulation and Rates
Pacific Gas and Electric Company
77 Beale Street, Mail Code B10C
P.O. Box 770000
San Francisco, CA 94177

**Subject: Revision to Demand Response Electric Rate Schedules in
Compliance with D.12-04-045 and Supplemental Filing**

Dear Mr. Cherry:

Advice Letters 4038-E and 4038-E-A are effective May 1, 2012.

Sincerely,

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

Edward F. Randolph, Director
Energy Division

May 1, 2012

Advice 4038-E

(Pacific Gas and Electric Company ID U 39 E)

Public Utilities Commission of the State of California

Subject: Revision to Demand Response Electric Rate Schedules in Compliance With Decision 12-04-045

Purpose

In compliance with California Public Utilities Commission (Commission) Decision (D.) 12-04-045, PG&E proposes revisions to the following demand response rate schedules: E-PEAKCHOICE - PeakChoice Program, E-CBP - Capacity Bidding Program, E-RSAC - Residential SmartAC™ Program, E-CSAC - Commercial SmartAC™ Program, and E-BIP - Base Interruptible Program as described below. Additionally, PG&E also proposes clarifying changes to schedule E-BIP.

Background

On April 30, 2012, the Commission issued D.12-04-045, which requires PG&E to modify several of its demand response programs. Pursuant to Ordering Paragraph (OP) 82, PG&E includes the date on which the proposed revisions will be effective.

Revisions to Existing Rate Schedules**Schedule E-PEAKCHOICE - PeakChoice**

The following changes to schedule E-PEAKCHOICE are effective immediately.

- Modified the eligibility section to close the program to new participants and to terminate the program effective January 1, 2013. (OP 39)
- Modified the territory section to use the term “area” instead of “territory”.

Schedule E-CBP - Capacity Bidding Program

The following changes to schedule E-CBP will be effective June 1, 2012.

- Modified, on an interim basis, the current settlement baseline for the Capacity Bidding Program day-ahead and day-of options to an aggregate of individual 10-in-10 baselines with an optional 40 percent cap day-of adjustment. (OP 10)
- Modified the eligibility section to allow net energy metering customers to participant in the Capacity Bidding Program. (OP 53)
- Added capacity payments for the months of May and October. (OP 44)¹

Schedule E-RSAC - Residential Smart A/C™ Program

The following changes to schedule E-RSAC are effective immediately.

- Modified the eligibility section to allow net energy metering customers to participant in the Residential SmartAC Program. (OP 53)
- Modified the territory section to use the term “area” instead of “territory”.

Schedule E-CSAC - Commercial Smart A/C™ Program

The following changes to schedule E-CSAC are effective immediately.

- Modified the eligibility section to close the program to new participants. (OP 38)
- Modified the eligibility section to allow net energy metering customers to participant in the Commercial SmartAC Program. (OP 53)²

Schedule E-BIP - Base Interruptible Program

The following changes to schedule E-BIP will be effective January 1, 2013.

- Modified the language in Program Details, Item 3³ to increase the number of call hours from 120 to 180 hours annually. (OP 33)
- Added language in Program Details, Item 4³ that allows PG&E to subject a new participant to a pre-enrollment qualification process. (OP 34)
- Added language in Program Details, Item 7³ that allows PG&E to take certain actions when a participant does not comply with an event. (OP 34)

¹ PG&E will file a Tier 2 Advice Letter within 60 days from April 30, 2012, which addresses the cost-effectiveness of the CBP..

² PG&E is adding this language so current E CSAC participants will not become ineligible if they add one or more of the net metering services.

³ References to the Program Details section are based on the proposed rate schedule.

PG&E also proposes several changes to clarify and better organize the schedule. The primary changes include the following:

- Modified the language in the applicability section to describe the enrollment.
- Added the language in the Program Details, Item 11⁴ to clarify that an event may be called during a Stage 1 or Stage 3 emergency. The language, as currently written, could be interpreted to imply that the program is not callable during a Stage 1 or a Stage 3 emergency.
- Reorganized the Program Details section.

Protests

Anyone wishing to protest this filing may do so by letter sent via U.S. mail, by facsimile or electronically, any of which must be received no later than May 21, 2012, which is 20 days after the date of this filing. Protests should be mailed to:

CPUC Energy Division
Tariff Files, Room 4005
DMS Branch
505 Van Ness Avenue
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 also should be sent via U.S. mail (and by facsimile and electronically, if possible) to PG&E at the address shown below on the same date it is mailed or delivered to the Commission:

Brian K. Cherry
Vice President, Regulation and Rates
Pacific Gas and Electric Company
77 Beale Street, Mail Code B10C
P.O. Box 770000
San Francisco, California 94177

Facsimile: (415) 973-6520
E-mail: PGETariffs@pge.com

⁴ References to the Program Details section are based on the proposed rate schedule.

Effective Date

PG&E requests that this Tier 1 advice filing be approved effective May 1, 2012, with the tariff revisions submitted herein approved effective on the following dates:

Schedule E-PEAKCHOICE – PeakChoice: effective May 1, 2012
Schedule E-CBP - Capacity Bidding Program: effective June 1, 2012
Schedule E-RSAC - Residential Smart A/C Program: effective May 1, 2012
Schedule E-CSAC - Commercial Smart A/C Program: effective May 1, 2012
Schedule E-BIP - Base Interruptible Program: effective January 1, 2013.

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.11-03-001. 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>

A handwritten signature in cursive script that reads "Brian Cherry". To the right of the signature, there is a small, less legible handwritten mark that appears to be "HAB".

Vice President, Regulation and Rates

Attachments

cc: Service List A.11-03-001

CALIFORNIA PUBLIC UTILITIES COMMISSION

ADVICE LETTER FILING SUMMARY ENERGY UTILITY

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

Company name/CPUC Utility No. **Pacific Gas and Electric Company (ID U39 E)**

Utility type:

ELC GAS
 PLC HEAT WATER

Contact Person: Greg Backens

Phone #: 415-973-4390

E-mail: gab4@pge.com

EXPLANATION OF UTILITY TYPE

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

(Date Filed/ Received Stamp by CPUC)

Advice Letter (AL) #: **4038-E**

Tier: 1

Subject of AL: **Revision to Demand Response Electric Rate Schedules in Compliance With Decision 12-04-045**

Keywords (choose from CPUC listing): Compliance, Demand Side Management

AL filing type: Monthly Quarterly Annual One-Time Other _____

If AL filed in compliance with a Commission order, indicate relevant Decision/Resolution #: D.12-04-045

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: N/A

Is AL requesting confidential treatment? No. If so, what information is the utility seeking confidential treatment for: N/A

Confidential information will be made available to those who have executed a nondisclosure agreement: N/A

Name(s) and contact information of the person(s) who will provide the nondisclosure agreement and access to the confidential information: N/A

Resolution Required? Yes No

Requested effective date: May 1, 2012 approval date with tariff revisions to be effective on the following dates as specified in the Advice Letter: No. of tariff sheets: 19

Schedule E-PEAKCHOICE – PeakChoice: effective May 1, 2012

Schedule E-CBP - Capacity Bidding Program: effective June 1, 2012

Schedule E-RSAC - Residential Smart A/C Program: effective May 1, 2012

Schedule E-CSAC - Commercial Smart A/C Program: effective May 1, 2012

Schedule E-BIP - Base Interruptible Program: effective January 1, 2013

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: Electric Schedules E-BIP, E-CBP, E-CSAC, E-RSAC, E-PEAKCHOICE

Service affected and changes proposed: Tariff revisions in compliance with D.12-04-045

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

CPUC, Energy Division

Tariff Files, Room 4005

DMS Branch

505 Van Ness Ave., San Francisco, CA 94102

EDTariffUnit@cpuc.ca.gov

Pacific Gas and Electric Company

Attn: Brian K. Cherry, Vice President, Regulation and Rates

77 Beale Street, Mail Code B10C

P.O. Box 770000

San Francisco, CA 94177

E-mail: PGETariffs@pge.com

**ATTACHMENT 1
Advice 4038-E**

Cal P.U.C. Sheet No.	Title of Sheet	Cancelling Cal P.U.C. Sheet No.
31524-E	ELECTRIC SCHEDULE E-BIP BASE INTERRUPTIBLE PROGRAM Sheet 1	28620-E
31525-E	ELECTRIC SCHEDULE E-BIP BASE INTERRUPTIBLE PROGRAM Sheet 2	28414-E
31526-E	ELECTRIC SCHEDULE E-BIP BASE INTERRUPTIBLE PROGRAM Sheet 3	27276-E
31527-E	ELECTRIC SCHEDULE E-BIP BASE INTERRUPTIBLE PROGRAM Sheet 4	28415-E
31528-E	ELECTRIC SCHEDULE E-BIP BASE INTERRUPTIBLE PROGRAM Sheet 5	
31529-E	ELECTRIC SCHEDULE E-BIP BASE INTERRUPTIBLE PROGRAM Sheet 6	
31530-E	ELECTRIC SCHEDULE E-BIP BASE INTERRUPTIBLE PROGRAM Sheet 7	28416-E
31531-E	ELECTRIC SCHEDULE E-BIP BASE INTERRUPTIBLE PROGRAM Sheet 8	29517-E
31532-E	ELECTRIC SCHEDULE E-BIP BASE INTERRUPTIBLE PROGRAM Sheet 9	29518-E
31533-E	ELECTRIC SCHEDULE E-CBP CAPACITY BIDDING PROGRAM Sheet 1	29528-E
31534-E	ELECTRIC SCHEDULE E-CBP CAPACITY BIDDING PROGRAM Sheet 3	29534-E
31535-E	ELECTRIC SCHEDULE E-CBP CAPACITY BIDDING PROGRAM Sheet 5	29536-E

**ATTACHMENT 1
Advice 4038-E**

Cal P.U.C. Sheet No.	Title of Sheet	Cancelling Cal P.U.C. Sheet No.
31536-E	ELECTRIC SCHEDULE E-CSAC COMMERCIAL SMART A/C PROGRAM Sheet 1	31305-E
31537-E*	ELECTRIC SCHEDULE E-PEAKCHOICE PEAKCHOICE Sheet 1	29516-E
31538-E	ELECTRIC SCHEDULE E-RSAC RESIDENTIAL SMART A/C PROGRAM Sheet 1	31453-E
31539-E*	ELECTRIC TABLE OF CONTENTS Sheet 1	31476-E
31540-E	ELECTRIC TABLE OF CONTENTS RATE SCHEDULES Sheet 4	31426-E
31541-E*	ELECTRIC TABLE OF CONTENTS RATE SCHEDULES Sheet 9	29897-E
31542-E	ELECTRIC TABLE OF CONTENTS RATE SCHEDULES Sheet 10	31311-E



**ELECTRIC SCHEDULE E-BIP
 BASE INTERRUPTIBLE PROGRAM**

Sheet 1

APPLICABILITY: This schedule is available until modified or terminated in the rate design phase of the next general rate case or in another proceeding. The E-BIP Program (Program) is intended to provide load reductions on PG&E's system. Customers enrolled in the Program will be required to reduce their load down to their Firm Service Level (FSL). This program may be closed to new participants by PG&E to comply with CPUC directives. (D)
(T)
(T)
(D)

This program is subject to a CPUC enforced annual limit designed to limit reliability-based demand response program capacity to a specified percent of the CAISO all-time coincident maximum demand. (N)
|
(N)
(D)

TERRITORY: This schedule is available throughout PG&E's electric service area.

ELIGIBILITY: This schedule is available to bundled-service, Community Choice Aggregation (CCA) Service, and Direct Access (DA) commercial, industrial, and agricultural customers. Each customer, both directly enrolled and those enrolled in an aggregator's portfolio, must take service under the provisions of a demand time-of-use rate schedule to participate in the Program and have at least an average monthly demand of 100 kilowatt (kW). Customers being served under Schedules AG-R or AG-V are not eligible for this program. Customers taking service under DA must meet the metering requirements prescribed in the Metering Equipment section of this rate schedule. (T)
|
(T)

A customer may enroll directly with PG&E or with an aggregator. An aggregator is an entity, appointed by a customer, to act on behalf of said customer with respect to all aspects of the Program, including but not limited to: a) the receipt of notices from PG&E under this program; b) the receipt of incentive payments from PG&E; and c) the payment of penalties to PG&E. (T)
(T)

Each customer, both directly enrolled and those in an aggregator's portfolio, must designate a FSL of kW to which it will reduce its load down to or below during a Program operation. The FSL must be no more than 85 percent of each customer's highest monthly maximum demand during the summer on-peak and winter partial-peak periods over the past 12 months with a minimum load reduction of 100kW. If load information is unavailable, customers must demonstrate to PG&E's satisfaction that they can meet these minimum requirements. (T)
(T)
(T)

Customers on this program may not have, or obtain, any insurance for the purpose of paying non-compliance penalties for willful failure to comply with requests for curtailments. Customers with such a policy will be terminated from the Program, and will be required to pay back any incentives received for the period covered by the insurance. If the period cannot be determined, the recovery shall be for the entire period the customer was on the Program. (T)
(T)
(T)

Customers who are deemed essential under the Electric Emergency Plan as adopted in Decision 01-04-006 must acknowledge that they are voluntarily electing to participate in this program for part or all of their entire load based on adequate backup generation or other means to interrupt load upon request by the respondent utility, while continuing to meet its essential needs. In addition, an essential customer may commit no more than 50 percent of its average peak load to this Programs. (T)
(T)
(T)

(Continued)



**ELECTRIC SCHEDULE E-BIP
 BASE INTERRUPTIBLE PROGRAM**

Sheet 2

ENROLLMENT: Customer participating directly with PG&E must enroll using PG&E's demand response enrollment website. Aggregators must submit a written Contract. (T)

UNDER-FREQUENCY RELAY PROGRAM: Only directly-enrolled customers may participate in PG&E's Underfrequency Relay (UFR) Program. The UFR Program is not available to customers enrolled through aggregators. Under the UFR Program, the customer agrees to be subject at all times to automatic interruptions of service caused by an underfrequency relay device that may be installed by PG&E. Please note that PG&E may require up to three years' written notice for termination of participation in the UFR Program.

- 1) **Details on Automatic Interruptions:** If a customer is participating in the UFR Program, service to the customer will be automatically interrupted if the frequency on the PG&E system drops to 59.65 hertz for 20 cycles. PG&E will install and maintain a digital underfrequency relay and whatever associated equipment it believes is necessary to carry out such automatic interruption. Relays and other equipment will remain the property of PG&E. If more than one relay is required, PG&E will provide the additional relays as "special facilities," at customer's expense, in accordance with Section I of Rule 2.

In addition to the underfrequency relay, PG&E may install equipment that would automatically interrupt service in case of voltage reductions or other operating conditions.

- 2) **Metering Requirements for UFR Program:** If a customer is participating in the UFR program in combination with firm or curtailable-only service, the customer will be required to have a separate meter for the UFR service. PG&E will provide the meter sets, but the customer will be responsible for arranging customer's wiring in such a way that the service for each service agreement can be provided and metered at a single point. NOTE: Any other additional facilities required for a combination of curtailable with firm service will be treated as "special facilities" in accordance with Section I of Rule 2.
- 3) **Communication Channel for UFR Service:** UFR Program customers are required to provide an exclusive communication channel from the PG&E-provided terminal block at the customer's facility to a PG&E-designated control center. The communication channel must meet PG&E's specifications, and must be provided at the customer's expense. PG&E shall have the right to inspect the communication circuit upon reasonable notice.
- 4) **Rate for UFR Service:** Customers participating in the UFR Program will receive a \$0.67/kW demand credit on a monthly basis based on their average monthly on-peak period demand in the summer and the average monthly partial-peak demand in the winter.

(Continued)



**ELECTRIC SCHEDULE E-BIP
 BASE INTERRUPTIBLE PROGRAM**

Sheet 3

**METERING
 EQUIPMENT:**

Each Service Agreement (SA) must have an interval meter capable of recording usage in 15-minute intervals installed that can be read remotely by PG&E. A Meter Data Management Agent (MDMA) may also read the customer's meter on behalf of the customer's Energy Service Provider (ESP), if a customer is receiving DA Service. Metering equipment (including telephone line, cellular, or radio control communication device) must be in operation for at least 10 days prior to participating in the program. If required, PG&E will provide and install the metering equipment at no cost to the bundled service or CCA Service customer. The installation of an interval data meter for customers taking service under the provisions of DA is the responsibility of the customer's Energy Service Provider, or Agent, and must be installed in accordance with Electric Rule 22. (T)

Customers receiving an interval meter at no charge from PG&E through this program will be able to continue to use it at no additional cost even after the Program is terminated, provided that the customer remained in the Program continuously for a minimum period of one year. A customer who receives an interval meter through this Program but later elects to leave the Program prior to the one-year anniversary date, or is terminated for cause, will reimburse PG&E for all expenses associated with the installation and maintenance of the meter. Such charges will be collected as a one-time payment pursuant to Electric Rule 2, Section I.

Direct Access Service Customers – If PG&E is the MDMA on behalf of the customer's ESP, no additional fees will be required from the DA service customer. On the other hand, if the DA service customer uses a third-party MDMA, the customer will be responsible for any and all costs associated with providing the interval data into the PG&E system on a daily basis. This includes any additional metering or communication devices that may need to be installed and any additional fees assessed by the customer's ESP. Prior to customer's participation in the program, the customer must be able to successfully transfer meter data within PG&E's specification on a daily basis for a period of no less than 10 days to establish its baseline. (T)

**DEMAND
 RESPONSE
 OPERATIONS
 WEBSITE:**

PG&E's demand response operations website, located at <http://inter-act.pge.com>, will be used to communicate all E-BIP events to the customer. (T)

The customer's actual energy usage is available at PG&E's demand response operations website. This data may not match billing quality data, and the customer understands and agrees that the data posted to PG&E's demand response operations website will be treated as final and that all incentive payment calculations will be based on this data. (T)

**NOTIFICATION
 EQUIPMENT:**

Directly-enrolled customers and aggregators, at their expense, must have access to the Internet and an e-mail address to receive notification via the Internet. In addition, they must have, at their expense, a cellular telephone that is capable of receiving a text message sent via the Internet. Participation in the Program cannot begin until all of these requirements have been satisfied. (T)

In the event of a Program curtailment operation, customers will be notified using one or more of the above-mentioned systems. Receipt of such notice is the responsibility of the participating customer. PG&E does not guarantee the reliability of the e-mail system or Internet site by which the customer receives notification. (T)

(Continued)



**ELECTRIC SCHEDULE E-BIP
 BASE INTERRUPTIBLE PROGRAM**

Sheet 5

PROGRAM
 DETAILS:
 (Cont'd)

5) A customer may be required to participate in up to two discretionary events per year to ensure that the notification equipment is operational and to verify the expected load drop. These discretionary events will be operated, paid, and counted as Program events. (L,T)
 (L)
 (L,T)
 (L,T)

6) Incentives will be paid on a monthly basis based on the directly enrolled customer's or aggregated portfolios' monthly Potential Load Reduction (PLR) amount: (L,T)
 (L,T)
 (L)

Potential Load Reduction	Incentive	
1 kW to 500 kW	\$8.00/kW	
501 kW to 1,000 kW	\$8.50/kW	
1,001 kW and greater	\$9.00/kW	

The PLR (described below) will be multiplied by the appropriate incentive level to determine the monthly incentive payment. (L)

Summer Season (May 1 through October 31): The difference of the directly enrolled customer's or aggregated portfolio's average monthly on-peak period demand (on-peak kWh divided by available on-peak hours), excluding days participating in a demand response program event, and its designated FSL.

Winter Season (November 1 through April 30): The difference of the directly enrolled customer's or aggregated portfolio's customer's average monthly partial-peak period demand (partial-peak kWh divided by available partial-peak hours), excluding days participating in a demand response program event, and its designated FSL.

(Continued)



**ELECTRIC SCHEDULE E-BIP
 BASE INTERRUPTIBLE PROGRAM**

Sheet 6

PROGRAM
 DETAILS:
 (Cont'd)

- 7) A customer will be penalized \$6.00 per kilowatt-hour (kWh) for energy usage over its FSL during a curtailment. Penalties will be evaluated on an hourly basis. (L,T)
 (L)
 (L)
- If a customer fails to reduce its load down to or below its FSL, PG&E may require a re-test that will not count toward the Program event limits. The non-compliance penalty will increase to \$8.40 per kilowatt-hour (kWh) for the re-test and will continue at this level for the remainder of the calendar year. (N)
- Following this initial re-test, the BIP participant has the option to either:
 a) modify its FSL to an achievable level that meets Program requirements,
 b) de-enroll from the Program, or c) be re-tested at the current FSL. PG&E may require the customer be re-tested at the new FSL.
- If the BIP customer does not modify its FSL, de-enroll from the Program, or successfully comply with the re-test, then PG&E will either: a) set the customer's FSL to the highest FSL that meets the Program requirements and require a re-test, b) re-test the customer at its current FSL, or c) terminate the customer's BIP participation.
- There is no limit to the number of re-tests to which a customer is subject. The customer will be subject to additional non-compliance penalties for each failed re-test. (N)

(Continued)

Advice Letter No: 4038-E
 Decision No. D.12-04-045

Issued by
Brian K. Cherry
 Vice President
 Regulation and Rates

Date Filed May 1, 2012
 Effective January 1, 2013
 Resolution No. _____



**ELECTRIC SCHEDULE E-BIP
 BASE INTERRUPTIBLE PROGRAM**

Sheet 7

PROGRAM
 DETAILS:
 (Cont'd)

- 8) For aggregators who fail to comply with a curtailment event, the methodology specified in item 7) above will be applied at the portfolio level. (N)
(N)
- 9) PG&E will evaluate, credit, and apply non-compliance penalties for directly-enrolled customers and aggregator's portfolio under Schedule E-BIP within a period no longer than 90 days after each curtailment event, depending on where the curtailment event falls within the customer's actual billing cycle. The incentive payments will be reflected in the customer's regular monthly bill as an adjustment. (L,T)
(L)
(L)
(L)
(L)
(L)
- 10) G&E may elect to evaluate and assess the non-compliance penalties associated with several curtailment events as a single adjustment. (L,T)
(L)
- 11) The CAISO may request PG&E to operate all or part of the customers when a) it has publicly issued a Warning notice and has determined that a Stage 1 emergency is imminent, b) during a Stage 1, Stage 2 or Stage 3 emergency; c) based on its forecasted system conditions and operating procedures, or d) in the event of a transmission system contingency. (L,T)
|
|
|
(L,T)
- 12) Customers, both directly-enrolled and aggregated customers, may re-designate their FSL or discontinue participation in the Program only once each year during the month of November. Customers shall provide written notification of such changes to PG&E. Cancellation will become effective with the first regular billing cycle following the 30 days notice. (L,T)
(L)
|
|
(L)
- 13) The Program will be operated throughout the year. (L,T)
- 14) In the event of a curtailment, directly-enrolled customers and aggregators will be notified as described in the Notification Equipment Section of this schedule (L,T)
(L)
- 15) PG&E reserves the right to terminate the Program, with Commission approval and 30 days written notice to all directly-enrolled customers and aggregators. (L,T)
(L)
- 16) All customers will be placed on a calendar billing cycle. (L,T)
- 17) Newly approved customers will not receive payments or penalties and not be obligated to participate in curtailment events per the terms of their elected option until all necessary equipment is installed and all requirements have been met. (L,T)
(L)
|
(L)
- 18) Aggregators will be paid based on the individual performance of each portfolio. (L,T)

(Continued)



**ELECTRIC SCHEDULE E-CBP
 CAPACITY BIDDING PROGRAM**

Sheet 1

APPLICABILITY: The Capacity Bidding Program (CBP) is a voluntary demand response program that offers customers incentives for reducing energy consumption when requested by PG&E. Schedule E-CBP is available to PG&E customers receiving bundled service, Community Choice Aggregation (CCA) service, or Direct Access (DA) service and being billed on a PG&E commercial, industrial, or agricultural electric rate schedule. An eligible customer must continue to take service under the provisions of its otherwise applicable schedule (OAS).

TERRITORY: This schedule is available throughout PG&E's electric service area.

ELIGIBILITY: A customer may participate in either the Day-Ahead or Day-Of option. A customer with multiple service agreements (SA) may nominate demand reductions from a single SA to either the Day-of option or Day-ahead option. A SA may not be nominated to both the Day-of and Day-ahead option during a single program month.

Customers that receive electric power from third parties (other than through direct access), customers billed via net-metering (NEM, NEMFC, NEMBIO, etc.), and customers billed for standby service are not eligible for the CBP. Eligible customers include those receiving partial standby service or services pursuant to one or more of the Net Energy Metering Service schedules except NEMCCSF. (T)

A customer may only enroll in Schedule E-CBP through an Aggregator. An Aggregator is an entity, appointed by a customer, to act on behalf of said customer with respect to all aspects of the CBP, including but not limited to: (1) the receipt of notices from PG&E under this program; (2) the receipt of incentive payments from PG&E; and (3) the payment of penalties to PG&E. (T)

Customers on Schedule E-CBP are limited to the following participation options in other demand response programs and rate offerings. Schedule E-CBP customers using the "Day-Ahead" option may also participate in PG&E's E-OBMC program. Schedule E-CBP customers using the "Day-Of" program option can also participate in PG&E's E-DBP or E-SLRP programs. E-CBP customers using the Day-Of program option may also participate in a PG&E peak day pricing (PDP) offering, where those utilizing the "Day-Ahead" trigger may not.

Aggregators and customers participating in the CBP must comply with the terms of this schedule and associated agreements.

SUBSCRIPTION LIMIT: PG&E reserves the right to limit the subscription amount available to participate in the CBP, consistent with Commission guidelines.

(Continued)



**ELECTRIC SCHEDULE E-CBP
 CAPACITY BIDDING PROGRAM**

Sheet 3

**AGGREGATOR'S
 PORTFOLIO:**

An Aggregator must submit a Notice to Add or Delete Customers Participating in the Capacity Bidding Program (Form 79-1075) to add a customer's Service Agreements (SAs) to add or delete a customer's SAs from its portfolio. PG&E will review and approve each SA before the SA can be included in an Aggregator's portfolio. Additions to the portfolio will be effective upon PG&E's approval date. Deletions from the portfolio will be effective at the end of the current calendar month in which this notice is received provided PG&E receives this notice at least 15 calendar days prior to the end of the current month. A SA can be included in only one portfolio at a time.

**CUSTOMER
 SPECIFIC
 ENERGY
 BASELINE:**

To participate in this program, a customer must have a valid customer specific energy baseline (CSEB) at least 5 calendar days prior to the first day of the operating month.

A CSEB will be valid for purposes of participation if there are at least ten (10) similar days of interval data available in PG&E's CBP Website.

Each Capacity Nomination will have its own CSEB based its associated aggregated group. The CSEB on any given day during the program is the sum total of each individual SA's baseline in the group. Each individual SA baseline is the average for each hour based on the immediate past ten (10) similar weekdays prior to an event with the option of a day-of adjustment. The load during each hour of the ten days will be averaged to calculate an hourly baseline for each hour. The past ten (10) similar days will include Monday through Friday, excluding PG&E holidays and event days prior to the event (including events of this program, or any other interruptible or curtailment programs enrolled by the customer, or days when a rotating outage was called).

The day-of adjustment is the ratio of a) the average load of the first three of the four hours prior to the event to b) the average load of the corresponding hours from the past 10 similar weekdays, as discussed above. The day-of adjustment will be limited to +/- 40% of each individual SA baseline in the group, and will be based on the first three of the four hours prior to the start of the event. The day-of adjustment is applied by multiplying it by each hourly baseline value. Customers must elect or opt-in to receive this adjustment. The customer is responsible for determining the applicable baseline day-of adjustment amount at the time of an event. PG&E will only be responsible for determining the applicable baseline day-of adjustment following each event for the purpose of evaluating customer compliance. If more than one event (either within the same or across multiple programs) occurs on the same day, the day-of adjustment from the event with the earliest start time will be used for the individual SA's events that day requiring a day-of adjustment.

(T)

(Continued)



**ELECTRIC SCHEDULE E-CBP
 CAPACITY BIDDING PROGRAM**

Sheet 5

CAPACITY PRICE: Capacity Price by Month

Aggregators in Day-Ahead Option

<u>Product</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	
1-4 Hour	\$3.04/kW	\$3.71/kW	\$15.60/kW	\$21.57/kW	\$13.30/kW	\$2.17/kW	(T)
2-6 Hour	\$3.04/kW	\$3.71/kW	\$15.60/kW	\$21.57/kW	\$13.30/kW	\$2.17/kW	(T)
4-8 Hour	\$3.04/kW	\$3.71/kW	\$15.60/kW	\$21.57/kW	\$13.30/kW	\$2.17/kW	(T)

Aggregators in Day-Of Option

<u>Product</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	
1-4 Hour	\$3.50/kW	\$4.27/kW	\$17.94/kW	\$24.81/kW	\$15.30/kW	\$2.50/kW	(T)
2-6 Hour	\$3.50/kW	\$4.27/kW	\$17.94/kW	\$24.81/kW	\$15.30/kW	\$2.50/kW	(T)
4-8 Hour	\$3.50/kW	\$4.27/kW	\$17.94/kW	\$24.81/kW	\$15.30/kW	\$2.50/kW	(T)

(Continued)

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ELECTRIC SCHEDULE E-CSAC
COMMERCIAL SMART A/C PROGRAM

Sheet 1

APPLICABILITY: This schedule provides customers with an option to supplement the electric service provided under the customer's otherwise applicable rate schedule. Schedule E-CSAC – Commercial Smart A/C Program (Program) is a voluntary demand response program where PG&E installs a device at a customer's premise that can temporarily disengage the customer's air-conditioning (A/C) unit or raise the temperature at the thermostat when the device is remotely activated by PG&E. The Program is intended to be a service option for individually metered small commercial customers and master metered customers and their tenants with single stage central electric A/C units that generally operate during PG&E's summer peak periods.

PURPOSE: PG&E may activate the devices in order to reduce its system demand when 1) the California Independent System Operator (CAISO) requests PG&E to operate all or part of the customers on the Program when it has publicly issued a Warning notice and has determined that a Stage 1 emergency is imminent consistent with operating procedure E-508B, 2) during emergency or near-emergency situations, or 3) when the CAISO day-ahead energy price for the PG&E Default Load Aggregation Point is \$1,000/megawatt-hour or more or 4) for limited program testing. The operation of this program will act as a demand side resource to PG&E to help maintain service reliability for all electric customers, defer construction of additional generation facilities, and reduce environmental pollutants. This program will be limited to 100 hours per year.

TERRITORY: This schedule applies throughout PG&E's electric service area.

ELIGIBILITY: This schedule is closed to new participants effective April 30, 2012. (T)

This schedule applies to small electric commercial customers who are being served on one of the following PG&E rate schedules or would be billed under one of the following rate schedules if service was taken directly from PG&E.

Non-Time-Of-Use (TOU) Rate Schedules: A-1 and A-10

TOU Rate Schedules: A-6 and E-19V

Eligible customers include those billed on one of the rate schedules listed above in conjunction with one or more of the Net Energy Metering Service schedules except NEMCCSF. (N)
 |
 (N)

Customers may not participate in the Program if any of the following conditions apply: (1) A/C unit is not compatible with PG&E's device or is located in an area where there is inadequate signal strength to reliably and remotely operate it; (2) A/C equipment is in an unacceptable operating condition in PG&E's sole discretion; (3) A/C system is not a central electric unit, such as window air conditioners or evaporative coolers; (4) A/C unit is generally not used during PG&E's system peak time periods; (5) A/C unit installation does not meet electrical code; (6) Installation of the device would pose a safety risk for the installer of the equipment; (7) Any premise occupant has a medical condition that would prohibit their participation; (8) Customer's electrical demand exceeds 200 kW; or (9) Customer does not authorize PG&E to install a device.

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**ELECTRIC SCHEDULE E-PEAKCHOICE
 PEAKCHOICE**

Sheet 1

APPLICABILITY: PeakChoice™ is a demand response program that offers customers flexibility and incentives to reduce demand when requested by PG&E.

TERRITORY: This schedule is available throughout PG&E's electric service territory.

ELIGIBILITY: This program is closed to new participants effective April 30, 2012, and will be terminated effective December 31, 2012. (N)
 (N)

PeakChoice is available to PG&E electric bundled service customers billed on a commercial, industrial, or agricultural demand-based time-of-use electric rate schedule subject to the limitations specified below.

A customer, or service agreement (SA), cannot be on Schedule E-PeakChoice and participate in any other demand response program. An eligible customer must continue to take service under the provisions of its otherwise applicable schedule (OAS).

Customers billed via net-metering (NEM, NEMFC, NEMBIO, etc.), customers billed for standby service, and Schedules AG-V and AG-R are not eligible for PeakChoice. Partial standby customers are eligible to participate in this program. In addition, Medical Baseline customers are not eligible to participate in this program.

Each participating SA must reduce a minimum of ten (10) kilowatts (kW).

FLEXIBLE FEATURES AND OPTIONS: The program season is May 1 through October 31 (Summer Season). The program does not operate on PG&E holidays during the Summer Season, which are the days the following are legally observed: Memorial Day, Independence Day, and Labor Day.

There are two ways a customer may participate in this program: (1) Committed Load basis; and (2) Best Efforts basis. Customers electing to participate on a Committed Load basis may also elect to nominate additional load to participate on a Best Efforts basis. Committed Load customers electing to also participate on a Best Efforts basis must first meet their Committed Load obligations before qualifying for any Best Effort payments.

Committed Load – Committed Load customers receive a monthly capacity payment, in addition to an energy payment. Customers are required to curtail their load by the Committed Load amount relative to a baseline when notified of an event (see Customer Baseline section). Committed Load customers are subject to penalties for non-compliance during program events.

Best Effort – Best Effort customers receive incentives for performance and are paid based upon their level of energy reduction during an event. Best Effort customers are not subject to penalties for non-compliance.

Customers electing either basis for participation must designate specific program features to customize this program to meet their operational needs. The following features and options are available. A customer must elect one option from each feature below (Section A to F):

(Continued)



**ELECTRIC SCHEDULE E-RSAC
 RESIDENTIAL SMART A/C PROGRAM**

Sheet 1

APPLICABILITY: This schedule provides customers with an option to supplement the service provided under the customer's otherwise applicable electric rate schedule. Schedule E-RSAC – Residential Smart A/C Program (Program) is a voluntary demand response program where PG&E installs a device at a customer's premise that can temporarily disengage the customer's air-conditioning (A/C) unit or raise the temperature at the thermostat when the device is remotely activated by PG&E. The Program is intended to be a service option for individually metered residential customers with single stage central electric A/C units that generally operate during PG&E's summer peak periods.

PURPOSE: PG&E will activate the devices in order to reduce its system demand when 1) the California Independent System Operator (CAISO) requests PG&E to operate all or part of the customers on the Program when it has publicly issued a Warning notice and has determined that a Stage 1 emergency is imminent consistent with operating procedures E-508B, 2) during emergency or near-emergency situations, 3) when the CAISO day-ahead energy price for the PG&E Default Load Aggregation Point is \$1,000/megawatt-hour or more or 4) during limited program testing. The operation of this program will act as a demand-side resource to PG&E to help maintain service reliability for all electric customers, defer construction of additional generation facilities, and reduce environmental pollutants. This program will be limited to 100 hours per year.

TERRITORY: This schedule applies throughout PG&E's electric service area. (T)

ELIGIBILITY: This schedule applies to residential electric customers who are otherwise being served on one of the following PG&E rate schedules:

Non-Time-Of-Use (TOU) Rate Schedules: E1, EL-1, E-8, EL-8, EM, EML, ES, ESL, ESR, ESRL, ET, and ETL

TOU Rate Schedules: E-6, E-7, EL-7, and E-9

Eligible customers include those billed on one of the rate schedules listed above in conjunction with one or more of the Net Metering Service schedules except NEMCCSF. (N)
 (N)

Customers may not participate in the Program if any of the following conditions apply: (1) A/C unit is not compatible with PG&E's device or is located in an area where there is inadequate signal strength to reliably and remotely operate it; (2) A/C equipment is in an unacceptable operating condition in PG&E's sole discretion; (3) A/C system is not a central electric unit, such as window air conditioners or evaporative coolers; (4) A/C unit is generally not used during PG&E's system peak time periods; (5) A/C unit installation does not meet electrical code; (6) Installation of the device would pose a safety risk for the installer of the equipment; (7) Any premise occupant has a medical condition that would prohibit their participation; or (8) Customer does not authorize PG&E to install a device.

(Continued)



ELECTRIC TABLE OF CONTENTS

Sheet 1

TABLE OF CONTENTS

SCHEDULE	TITLE OF SHEET	CAL P.U.C. SHEET NO.	
	Title Page	31539-E*	(T)
	Rate Schedules	31424, 31425, 31540 , 31427, 31428, 31429, 30751, 31541* , 31542-E	(T)
	Preliminary Statements	31477, 29900, 30376, 31468, 31139, 30846, 31474-E	
	Rules	30402, 30473, 31153-E	
	Maps, Contracts and Deviations.....	29909-E	
	Sample Forms	30680*, 30353, 30372, 31154, 30354, 30740, 30513, 30682, 30833, 30683, 29920, 29921-E	

(Continued)

Advice Letter No: 4038-E
 Decision No. D.12-04-045

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 Resolution No. _____



ELECTRIC TABLE OF CONTENTS
RATE SCHEDULES

Sheet 4

SCHEDULE	TITLE OF SHEET	CAL P.U.C. SHEET NO.
Rate Schedules Commercial/Industrial		
A-1	Small General Service.....	30079, 31334, 31335, 31336,30080, 30081, 30971,30083-30086-E
A-6	Small General Time-of-Use Service.....	30087,27610,31337,31338,25981, 30974,30975, 29072-29074-E
A-10	Medium General Demand-Metered Service.....	29075, 30766, 31339, 31340, 31341, 31342, 29081, 29082,29083, 30980, 29085,29086-89-E
A-15	Direct-Current General Service	31343, 31344,30983-E
E-19	Medium General Demand-Metered Time-of-Use Service	29090-29092, 31368, 31043, 31369,31045,24886,26947-26950,31046,28825,28826, 30092,29096- 29097-E
E-20	Service to Customers with Maximum Demands of 1,000 Kilowatts or More.....	...29098,30531,31370, 31371,31049,24895,26958,22787,31050,28830,30093,29102-29103-E
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	29104,24901,31372, 31373,27613, 24904,25986,28833,31053-E
E-CARE	CARE Program Service for Qualified Nonprofit Group-Living and Qualified Agricultural Employee Housing Facilities	31376-E
E-CSAC	Commercial Smart A/C Program.....	31536 ,30094,27302-E (T)
E-PWF	Section 399.20 PPA	30263, 30264, 30759-E
E-SRG	Small Renewable Generator PPA	30265, 30266, 30760-E
ED	Experimental Economic Development Rate	29544-29546-E

(Continued)



ELECTRIC TABLE OF CONTENTS
RATE SCHEDULES

Sheet 9

SCHEDULE	TITLE OF SHEET	CAL P.U.C. SHEET NO.	
Rate Schedules			
Curtailement Options			
E-BIP	Base Interruptible Program.....	31524-31532-E	(T)
E-OBMC	Optional Binding Mandatory Curtailment Plan	29519,29520 29521,18431,23001,29522-E	
E-DBP	Demand Bidding Program.....	27278,27279,29524,29525,29526, 28628,28629,28630,28631,29527-E	
E-SLRP	Scheduled Load Reduction Program	28624,27285,27286,26287	
EZ-20/20	California 20/20 Rebate Program.....	22863,22864	
E-CBP	Capacity Bidding Program.....	31534 ,29925, 31534 ,29926, 31535 , 29537,29538,29539,29540,29541,29927,29543-E	(T)
E-PEAKCHOICE	PeakChoice.....	31537* ,27319,28618,28619,27322-27323, 27324, 27325, 27326, 29928,29929-E	(T)

(Continued)

Advice Letter No: 4038-E
 Decision No. D.12-04-045

Issued by
Brian K. Cherry
 Vice President
 Regulation and Rates

Date Filed May 1, 2012
 Effective May 1, 2012
 Resolution No. _____



ELECTRIC TABLE OF CONTENTS
RATE SCHEDULES

Sheet 10

SCHEDULE	TITLE OF SHEET	CAL P.U.C. SHEET NO.
	Rate Schedules	
	Energy Charge Rates	
E-FFS	Franchise Fee Surcharge.....	31063, 31064-E
E-RSAC	Residential Smart A/C Program.....	31538 , 31308,27299-E (T)

(Continued)

Advice Letter No: 4038-E
 Decision No. D.12-04-045

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