



**ELECTRIC SCHEDULE E-DBP
 DEMAND BIDDING PROGRAM**

Sheet 1

APPLICABILITY: The Schedule E-DBP Demand Bidding Program (Program) offers customers incentives for reducing energy consumption and demand when requested by Pacific Gas and Electric Company (PG&E) to increase system reliability. This Program is optional for customers with billed maximum demand of 200 kilowatts (kW) or greater during any one of the past 12 billing months and who voluntarily commit to reduce a minimum of 50 kW each hour for each service agreement during an E-DBP Event. PG&E will determine E-DBP Bid acceptances for energy reductions. Interval metering is required to receive service under this Program. Customers must receive service on a demand Time-of-Use (TOU) electric rate schedules. Customers on Schedules AG-R, AG-V, or S are not eligible for this program. A customer is not eligible to participate in this program if the revenue metering configuration is either net sale or Wholesale Transaction as specified in PG&E's Interconnection Handbook. A customer may qualify some or all of their service agreements for the program under the specified aggregated group provisions of this tariff. This schedule is available until modified or cancelled by the California Public Utilities Commission (CPUC).

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

ELIGIBILITY: This schedule is available to individual PG&E bundled-service customers, Community Choice Aggregation Service (CCA Service) customers, and Direct Access customers. Each customer must take service under the provisions of their otherwise-applicable rate schedule. Customers participating in the Program must be on an eligible rate schedule and commit to reduce load by at least 50 kW during an E-DBP event.

(D)

Customers who are "Essential Customers" under PG&E's Electric Emergency Plan and as defined by the Commission in Rulemaking 00-10-002, must submit to PG&E a written declaration that states that the customer is, to the best of that customer's understanding, an Essential Customer under Commission rules and exempted from rotating outages. The declaration must also state that the customer voluntarily elects to participate in this interruptible program for part or all of its load upon request by PG&E under the terms of E-DBP, while continuing to adequately meet its essential needs with backup generation or other means. In addition, an Essential Customer may commit no more than a total of 50 percent (50%) of its average peak load to all interruptible programs for each participating service agreement.

Customers that have service agreements throughout PG&E's electric service territory with individual meters that have demands less than 200 kW (as described in the Applicability Section) may participate in this program under the provisions stated in the Aggregated Group Section of this rate schedule.

ENROLLMENT: Customers must enroll using PG&E demand response enrollment website.

(N)

(Continued)



Pacific Gas and Electric Company
San Francisco, California
U 39

Revised
Cancelling Revised

Cal. P.U.C. Sheet No. 27279-E
Cal. P.U.C. Sheet No. 27211-E

ELECTRIC SCHEDULE E-DBP
DEMAND BIDDING PROGRAM

Sheet 2

(Continued)

Advice Letter No: 3229-E
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Brian K. Cherry
Vice President
Regulatory Relations

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**ELECTRIC SCHEDULE E-DBP
 DEMAND BIDDING PROGRAM**

Sheet 3

DEMAND
 RESPONSE
 OPERATIONS
 WEBSITE:
 (Cont'd)

PG&E's demand response operations website will be used to communicate all E-DBP events to the Customer. The event will be communicated to the customer by e-mail and/or e-page. Customer will then have the obligation to log-in to PG&E's demand response operations website in a timely manner to receive the specific details of the event and for customer action.

(N)
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 (N)

E-DBP EVENT
 NOTICE AND
 TRIGGER:

DAY-AHEAD NOTIFICATION

PG&E may issue a day-ahead E-DBP Event notification by 12:00 Noon when the California Independent System Operation (CAISO)'s day-ahead load forecast exceeds 43,000 MW or when the CAISO issues an Alert Notice, or when PG&E, in its sole opinion, forecasts that resources may not be adequate. PG&E reserves the right not to call an event when these thresholds are reached when PG&E, in its sole opinion, forecasts that resources will be adequate.

An E-DBP Event will only be called Monday through Friday between the hours of 12:00 Noon and 8:00 p.m., excluding PG&E holidays.

PG&E will notify customers by 12:00 Noon on a day-ahead basis when an E-DBP Event will occur the next business day. Notices will be issued by 12:00 Noon on the business day immediately prior to a PG&E holiday or weekend if an E-DBP Event is planned for the first business day following the PG&E holiday or weekend.

Customers shall submit bids to the program's website between 12:00 noon and 3:00 p.m. on the day the E-DBP Event notice was issued. After 4:00 p.m. on the day the E-DBP Event notice was issued, customers will receive confirmation of bid acceptance or rejection on the website. Unless a specific megawatt (MW) limit is requested, PG&E will accept all bids. In the event bids are restricted PG&E will accept bids on a first-come, first-served basis. If the customer's bid is accepted for a particular service agreement, then incentives payments will be determined separately for each service agreement and as specified in the Incentive Payments section. Once a customer's bid has been accepted, that bid shall not subsequently be rejected by the utility, but payment shall continue to be based on the customer's actual performance.

DAY OF NOTIFICATION

When the CAISO issues an alert during the day reflecting stress on the system (for example, a Warning Stage or greater), PG&E may implement an E-DBP Event for that same day. PG&E reserves the right not to call an event when these thresholds are reached when PG&E, in its sole opinion, forecasts that resources will be adequate.

An E-DBP Event will only be called Monday through Friday between the hours of 12:00 Noon and 8:00 p.m., excluding PG&E holidays.

Once a Day-Of DBP Event has been issued, customers will have one hour to submit bids to the program's website. Unless a specific megawatt (MW) limit is requested, PG&E will accept all bids. Customers will receive confirmation of bid acceptance or rejection on the website within 15 minutes of the time the bidding window has closed. In the event bids are restricted PG&E will accept bids on a first-come, first-served basis. If the customer's bid is accepted for a particular service agreement, then incentives payments will be determined separately for each service agreement and as specified in the Incentive Payments section. Once a customer's bid has been accepted, that bid shall not subsequently be rejected by the utility, but payment shall continue to be based on the customer's actual performance.

(Continued)



Pacific Gas and Electric Company
San Francisco, California
U 39

Revised
Cancelling Revised

Cal. P.U.C. Sheet No. 27280-E
Cal. P.U.C. Sheet No. 26281-E

ELECTRIC SCHEDULE E-DBP
DEMAND BIDDING PROGRAM

Sheet 3

(Continued)

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**ELECTRIC SCHEDULE E-DBP
 DEMAND BIDDING PROGRAM**

Sheet 4

E-DBP EVENT
 NOTICE AND
 TRIGGER:
 (Cont'd.)

DAY OF NOTIFICATION (Cont'd.)

All E-DBP customers will receive the Day-Of DBP Event notice and are eligible to submit a bid for a Day-Of DBP Event.

If a Day-Of DBP Event is called on a day that a Day-Ahead DBP Event is scheduled or in progress, then those customers that have an accepted Day-Ahead bid for that day's DBP event may 1) increase its bids for those hours that the Day-Ahead and Day-Of DBP Events coincide, and 2) submit new bids for those hours in the Day-Of DBP Event that were not part of the Day-Ahead DBP event. If such a customer does not increase its existing bids, then its existing bids from the Day-Ahead DBP Event will be transferred to the Day-Of DBP Event for those hours that the Day-Ahead and Day-Of DBP Events coincide. Day-Ahead customer bids that are transferred to Day-Of will be paid at the Day-Of incentive level.

ENERGY BID:

E-DBP bidding shall be accepted for non-PG&E holiday weekdays only. The E-DBP Bid shall indicate the amount of kW curtailment that the participant is offering for each hour of the E-DBP Event. The participant may submit only one bid for each E-DBP Notification. Each bid must be for a minimum of two (2) hours and must be for consecutive hours during the E-DBP Event. The customer's bid must meet the minimum energy reduction threshold of 50 kW for each hour in the E-DBP Event. The participant must submit their bid within the timeframe specified in the E-DBP Event notice.

Each E-DBP bid submitted via the demand response operations website shall be for an E-DBP Event that can take place on the same day, the next eligible day, any weekday, excluding PG&E holidays, following the bid submission. Notification of E-DBP Bid acceptances will be posted to PG&E's website. Posting of accepted bids may be delayed due to unforeseen problems in transmitting or receiving the bids. PG&E cannot guarantee the reliability of the Internet site by which customers submit bids. PG&E may use and accept alternate means of notification as necessary. PG&E will communicate the following information on the website regarding accepted E-DBP Bids:

1. The Date and the Time Period of the E-DBP Events; and
2. The customer's specific energy baseline (CSEB) is based on the hourly average of the three (3) highest energy usages on the immediate past ten (10) similar days. The three (3) highest energy usage days will be deemed as those days with the highest total kilowatt hour usages between noon and 8:00 p.m. The past ten (10) similar days will include Monday through Friday, excluding PG&E holidays, and will additionally exclude days when the customer was paid to reduce load on an interruptible or other curtailment program or days when rotating outages are called.
3. The hourly pricing incentive that PG&E intends to offer for qualifying load reductions.

(Continued)



**ELECTRIC SCHEDULE E-DBP
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Sheet 5

PROGRAM TESTING: PG&E may activate an E-DBP Day-Ahead or Day-Of Event with a simulated emergency event test trigger twice per year. Each emergency test event shall be no longer than four (4) hours. During such a test, the customer shall be responsible for curtailing load consistent with the terms of this schedule. Participants will receive incentive payment of \$0.50/kW for qualifying load reduction during each hour of an E-DBP test event. (T)
 (T)

INCENTIVE PAYMENTS: PG&E will evaluate and pay for the customer's hourly load reductions realized under the Program within ninety (90) days after each E-DBP Event, depending on where the E-DBP Event falls within the participant's actual billing cycle. The incentive payments will be reflected in the customer's regular monthly bill as an adjustment.

BIDS SUBMITTED UNDER THE DAY-AHEAD NOTIFICATION (T)

If the customer submitted a bid under the Day Ahead Notification, energy reduction for an E-DBP Event hour will be determined as the difference between the customer specific energy baseline (CSEB) for that hour and the customer's actual energy usage during that hour. Participants will be paid for load reductions up to a maximum of 150 percent (150%) of their accepted Day-Ahead bid (kW) on an hourly basis. Participants must drop at least 50 percent (50%) of their bid to qualify for any payment in any hour. In no case will a customer receive a credit payment for a given hour if it does not meet, in that hour of the event, the minimum energy reduction of 50 kW. The Day-Ahead E-DBP event incentives will be calculated on an hourly basis, and will be equal to the product of the qualified kW energy reduction for each hour a bid was accepted and the incentive price of \$0.50/kWh. (T)
 (T)
 (T)
 (T)
 (T)

BIDS SUBMITTED UNDER THE DAY-OF NOTIFICATION (N)

If the customer submitted a bid under the Day Of Notification, energy reduction for an E-DBP Event hour will be determined as the difference between the customer specific energy baseline (CSEB) for that hour and the customer's actual energy usage during that hour. Participants will be paid for load reductions up to a maximum of 150 percent (150%) of their accepted Day-Of bid (kW) on an hourly basis. Participants must drop at least 50 percent (50%) of their bid to qualify for any payment in any hour. In no case will a customer receive a credit payment for a given hour if it does not meet, in that hour of the event, the minimum energy reduction of 50 kW.

The Day-Of E-DBP event incentives will be calculated on an hourly basis, and will be equal to the product of the qualified kW energy reduction for each hour a bid was accepted and the incentive price of \$0.60/kWh.

BIDS SUBMITTED UNDER DAY-AHEAD NOTIFICATION PRIOR TO DAY-OF NOTIFICATION BEING ISSUED

If a participant is already participating in a Day-Ahead DBP event and a Day-Of Notification is issued, the participant's Day-Ahead bids will be transferred to the Day-Of DBP Event for those hours that the Day-Ahead and Day-Of DBP Events coincide, and the participant will be paid for load reductions up to a maximum of 200 percent (200%) of their accepted Day-Ahead bid (kW) on an hourly basis. Participants must drop at least 50 percent (50%) of their bid to qualify for any payment in any hour. In no case will a customer receive a credit payment for a given hour if it does not meet, in that hour of the event, the minimum energy reduction of 50 kW.

The participant will receive E-DBP event incentives based on the Day-Of event, that is calculated on an hourly basis, and is equal to the product of the qualified kW energy reduction for each hour a bid was accepted and the incentive price of \$0.60/kWh. (N)
 (D)

(Continued)

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**ELECTRIC SCHEDULE E-DBP
 DEMAND BIDDING PROGRAM**

Sheet 6

**AGGREGATED
 GROUP:**

Customers that have multiple service agreements throughout the PG&E electric service territory are eligible for the aggregated group provisions of the program. The following conditions under the aggregate group option of this program supersedes the individual participation conditions where applicable:

Each individual service agreement must currently take service on an applicable PG&E rate schedule and have an installed interval meter as stated in the Applicability Section of this schedule. If necessary, a service agreement may change rate schedule and PG&E will provide and install an interval meter at no additional cost for each individual bundled service or CCA Service agreement participating under the provisions of an aggregated group whose maximum demand is greater than or equal to fifty (50) kW during any one of the past twelve (12) billing months, provided that the service agreement remains on the program for a minimum of 12 months. Service agreements with an average demand that is less than fifty (50) kW must pay for the required communicating Interval Meter prior to participation. The installation of interval meters for a Direct Access customer is the responsibility of their Energy Service Provider or their agent. Fees associated with a rate change will be the responsibility of the customer.

The customer must have at least one service agreement with a maximum demand of 200 kW or greater for at least one or more of the past 12 billing months within each aggregated group that will be designated as the primary service agreement for the aggregated group. The primary service agreement will oversee all activities of the group, including event notification and the receiving of the incentive payment. It is up to the lead service agreement to determine the dispersal of the credit to the other service agreements in the group.

(T)
 (T)

All service agreements that are part of the aggregated group must take service from PG&E under the same federal tax identification number and be listed on the Demand Response Program Application. Individual service agreements, (excluding the lead service agreement), with less than 200 kW (as described in the Applicability Section) may participate in the program as part of the aggregated group.

4. Service agreements that are participating as an aggregated group will be exempt from the individual minimum load reduction amount. Instead Service agreements in the aggregated group will have a Group Minimum Load requirement of 200 kW. The Group Minimum Load represents: (1) the group's aggregated coincidental minimum load to qualify for the program; (2) the minimum bid amount that the aggregated group can submit for an E-DBP event; and (3) the group's minimum threshold that they must achieve to earn an incentive during an E-DBP event.

(Continued)



**ELECTRIC SCHEDULE E-DBP
 DEMAND BIDDING PROGRAM**

Sheet 7

AGGREGATED
 GROUP:
 (Cont'd)

- 5. Energy reduction during an E-DBP event will be based on performance of all service agreements within the aggregated group and will be calculated as follows: (T)
 - a. The Group's Energy Baseline (GEB) is used to determine the aggregated group's average energy usage prior to an E-DBP event. The GEB is based on the hourly average of the three (3) highest energy usages days of the immediate past ten (10) similar days for all of the service agreements combined. The three (3) highest energy usage days will be deemed as those days with the highest coincidental total kilowatt hour usages between noon and 8:00 p.m. for all service agreements in the aggregated group. The past ten (10) similar days will include Monday through Friday, excluding PG&E holidays, and will additionally exclude days when the customer was paid to reduce load on an interruptible or other curtailment program or days when rotating outages are called. (T)
 - b. The Group's energy usage during an E-DBP event is the total coincidental load of all the service agreements in the group measured during each hour of the event. (T)
 - c. Energy reduction during an E-DBP event will be calculated as the difference between the GEB and the group's actual total usages during each hour of the event. (T)
- 6. Modifications to the service agreement listing of an aggregated group may only occur during the March contract review period. During the contract review period customers may submit a written request to PG&E requesting additions or removal of service agreements within the aggregated group. Changes to the aggregated group will become effective after the customer's April billing cycle. (T)
- 7. If one or more of the service agreements on the aggregated group, other than the lead service agreement, terminates service with PG&E prior to the contract review period, the other service agreements in the group will be responsible to maintain the 200 KW Group's Minimum Load requirement of the program until the contract can be adjusted during the next contract review period. (T)
- 8. **San Francisco Pilot Program** – On a limited basis, PG&E will allow unrelated customers, (customers that do not have the same federal tax identification number), that are located within the same zip code within the City and County of San Francisco to participate in E-DBP as an aggregated group. The San Francisco Pilot Program is limited to two pilot groups. PG&E will use a third party aggregator to oversee all activities of the two groups, including event notification and the receiving of the incentive payment. It is up to the aggregator to determine the dispersal of the credit to the service agreements in the pilot groups. The aggregator may, at PG&E's sole discretion, designate a lead service agreement for the pilot group which does not meet the minimum demand requirement of 200 kW to be designated a lead service agreement, or is located outside of the pilot group's zip code. If necessary, PG&E will provide and install an interval meter regardless of the participant's demand, at no additional cost for each individual bundled service, CCA Service, or Direct Access service agreement participating under the provisions of the San Francisco Pilot Program. This metering provision will be limited to 25 meters participating in the pilot program. Except for the requirements of having the same tax identification number, having a lead service agreement within the Aggregated Group, and the metering requirements stated above, each pilot group must comply with all of the provisions of an Aggregated Group and the schedule herein. (T)

(Continued)

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**ELECTRIC SCHEDULE E-DBP
 DEMAND BIDDING PROGRAM**

Sheet 8

TECHNICAL AUDIT ASSISTANCE AND EQUIPMENT INCENTIVES:

Technical audit assistance and equipment incentives are available to enhance the customer's ability to respond to curtailment requests for on-peak demand reductions.

FAILURE TO REDUCE LOAD:

Except as provided in the Incentive Payment section of this schedule, no additional monetary penalties will be assessed under this Program for a customer's failure to comply (reduce energy) during any or all hours of an E-DBP Event.

PROGRAM TERMS:

Customers' participation in this tariff will be in accordance with Electric Rule 12. Customers may terminate their E-DBP participation by giving a minimum of 30 days written notice. Cancellation will become effective with the first regular billing cycle after the 30-day notice period. PG&E may terminate a participant's E-DBP participation at any time after giving a thirty (30) day written notice to participants.

INTERACTION WITH CUSTOMER'S OTHER APPLICABLE PROGRAMS AND CHARGES:

Participating customers' regular electric service bills will continue to be calculated each month based on their actual recorded monthly demands and energy usage.

Customers who participate in a third-party sponsored interruptible load program must immediately notify PG&E of such activity.

Load can only be committed to one program for any given hour of a curtailment, and customers will be paid for performance under only one program for a given load reduction. In other words, should another demand response program be activated, while an E-DBP Event is in progress, those events will supersede an E-DBP Event, and no E-DBP incentive payments will be applied for those overlapping hours. E-DBP customers shall not participate in PG&E's Capacity Bidding Program (Schedule E-CBP), the California ISO's Participating Load Program (Supplemental and Ancillary Services), any PG&E sponsored non-tariff demand response program or any other pay for performance program. (T)

Customers enrolled in the Scheduled Load Reduction Program (Schedule E-SLRP) may participate in E-DBP during the days when the customer's load is not scheduled for curtailment under the E-SLRP program.

EMERGENCY STANDBY GENERATION:

Customers may achieve energy reductions by operating back-up or onsite generation. The customer will be solely responsible for meeting all environmental and other regulatory requirements for the operation of such generation.

COMMUNITY CHOICE AGGREGATION SERVICE CUSTOMERS AND DIRECT ACCESS SERVICE CUSTOMERS

Customers participating in this program and receiving service under CCA Service/Direct Access must notify their Community Choice Aggregator (CCA)/Energy Service Provider that they are participating in this program and when they participate in a DBP event. The per event notification must include the amount of hourly bid for each accepted bid. PG&E reserves the right to require that the CCA/Direct Access Service customer's Scheduling Coordinator (SC) must submit a Scheduling Coordinator to Scheduling Coordinator (SC to SC) trade with the service electric utility. If PG&E imposes this requirement, then: (1) the SC to SC trade must be submitted in a timeframe that complies with the California Independent System Operator's (ISO's) requirements; and (2) the CCA Service/Direct Access customer is responsible for all additional costs incurred by the serving utility if the customer's SC fails to submit a SC to SC trade, or if the SC to SC trade is not accepted by the ISO because of an action or inaction of the customer's SC.

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ELECTRIC SCHEDULE E-DBP
DEMAND BIDDING PROGRAM

Sheet 9

PROGRAM
 RESEARCH AND
 ANALYSIS:

Customers receiving service under this tariff must agree to allow personnel from the California Energy Commission (CEC), or its contracting agent, to conduct a site visit for measurement and evaluation, access to customer's interval meter data, and agree to complete any surveys needed to enhance the program.

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 (N)