



**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 on a day-of basis when the California Independent System Operator (CAISO) issues a curtailment notice. Customers enrolled in the Program will be required to reduce their load down to their firm service level (FSL). This program may be closed by PG&E without notice when the interruptible program limits set forth in CPUC Decision 01-04-006 and Rulemaking 00-10-002 have been fully subscribed.

(D)

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

ELIGIBILITY: This schedule is available to bundled-service, Community Choice Aggregation Service (CCA Service), and Direct Access (DA) commercial, industrial, and agricultural customers. Each customer, both directly enrolled and those 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 Direct Access must meet the metering requirements prescribed in the Metering Equipment section of this rate schedule.

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: (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.

Each customer, both directly enrolled and those in an aggregator's portfolio, must designate the number of kW ("firm service level") to which it will reduce its load down to or below during a Program operation. The FSL must be no more than eighty-five percent (85%) 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 100 kW. If load information is unavailable, customers must demonstrate to PG&E's satisfaction that they can meet these minimum requirements.

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 policy will be terminated from the Program, and will be required to pay back any incentives that the customer 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.

Customers who are deemed essential under the Electric Emergency Plan as adopted in Decision 01-04-006 and Rulemaking 00-10-002, must acknowledge that the customer is voluntarily electing to participate in this program for part or all of its 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% of its average peak load to interruptible programs.

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Advice Letter No: 3528-E
 Decision No. 09-08-027

Issued by
Brian K. Cherry
 Vice President
 Regulatory Relations

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 Resolution No. _____



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Sheet 2

ENROLLMENT: Customer participating directly with PG&E must enroll using PG&E's demand response enrollment website. Third party aggregators must submit a written Contract.

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. (T)

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.

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Sheet 4

PROGRAM
 DETAILS:

A. An aggregator's customers will be grouped into portfolios by the following categories: (1) Bundled, CCA Service, or Direct Access, and (2) PG&E BIP Curtailment Zone. Note, all customers in an aggregator's group must be in the same PG&E BIP Curtailment Zone. The BIP Curtailment Zone is determined by the geographic location of the participating service agreement. (D)
 (T)

1. Notification Period – Customers will be given at least thirty (30) minutes notice before each curtailment. (D)
2. Event Limits – A Program curtailment operation will be limited to a maximum of one (1) event per day and four (4) hours per event. The Program will not exceed ten (10) events during a calendar month, or one hundred twenty (120) hours per calendar year.

A customer may be required to participate in a test event when they sign-up for the Program and up to two additional test events per year to ensure that the notification equipment is operational and to verify the expected load drop. Test events will be operated, paid, and counted as actual curtailment events.

3. Program Participation Incentive Payments – Incentive payments will be paid on a monthly basis based on the directly enrolled customer's or aggregated portfolios' monthly potential load reduction (PLR) amount:

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.

4. Failure to Reduce Loads during an Event – Customers 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.
5. Trigger – The CAISO may request PG&E to operate all or part of the customers on Option A when 1) it has publicly issued a Warning notice and has determined that a Stage 1 emergency is imminent consistent with its operating procedure E-508B, 2) during a Stage 2 event; 3) based on its forecasted system conditions and operating procedures, or 4) in the event of a transmission system contingency.

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**ELECTRIC SCHEDULE E-BIP
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Sheet 6

PROGRAM DETAILS: (Cont'd.)	9. 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)
	10. Aggregators will be paid based on the individual performance of each portfolio.	
CONTRACTS:	Aggregators must submit a signed <u>Agreement For Aggregators Participating in the Base Interruptible Program</u> (Form 79-1079). Aggregators must submit a <u>Notice to Add or Delete Customers Participating in the Base Interruptible Program</u> (Form 79-1080) signed by the aggregated customer to add or delete a customer from its portfolio. The terms and conditions of the agreement governing the relationship between the aggregator and a customer with respect to such customer's participation in the Program through such aggregator are independent of PG&E. Any disputes arising between aggregator and such customer shall be resolved by the parties.	
AGGREGATOR'S PORTFOLIO:	An aggregator must submit a <u>Notice to Add or Delete Customers Participating in the Base Interruptible Program</u> (Form 79-1080) to add or delete a customer's service agreement(s) (SA) 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. A SA can be included in only one portfolio at a time.	 (L)
SPECIAL CONDITIONS FOR COMMUNITY CHOICE AGGREGATION SERVICE (CCA SERVICE) CUSTOMERS AND DIRECT ACCESS (DA) CUSTOMERS:	DA/CCA Service customers enrolling directly with the PG&E must make the necessary arrangements with their ESP/CCA before enrolling in this program.	(D) (L) (T)
	Aggregators must make the necessary arrangements with the ESP/CCA of its DA/CCA Service customers before enrolling DA/CCA Service customers in this program.	(L)
	Aggregators must notify the ESP/CCA of its DA/CCA Service customers.	(L)
INTERACTION WITH CUSTOMER'S OTHER APPLICABLE CHARGES:	Participating customers' regular electric service bills will continue to be calculated each month based on their actual recorded monthly demands and energy usage.	(L)
	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 interruptible program for any given hour of a curtailment, and customers will be paid for performance under only one program for a given load reduction.	 (L)

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Sheet 7

INTERACTION WITH CUSTOMER'S OTHER APPLICABLE CHARGES: (Cont'd.)	<p>Customers may participate in the Optional Binding Mandatory Curtailment Plan (Schedule E-OBMC), and the Pilot Optional Binding Mandatory Curtailment Plan (Schedule E-POBMC) but the customers' Maximum Load Level under those programs may not overlap their FSL.</p> <p>Customers shall not participate in the Schedule Load Reduction Program (Schedule E-SLRP) or the Critical Peak Pricing Program (Schedule E-CPP) while on the E-BIP program.</p> <p>Directly-enrolled customers enrolled in E-BIP are automatically enrolled under PG&E's Schedule E-DBP, Demand Bidding Program. E-BIP customers cannot receive additional DBP incentive payments for load reductions on days that E-BIP events are called upon.</p>	<p>(D) (L) (L) (T) (L) (L) (D)</p>
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