



Schedule GS-APS-E
GENERAL SERVICE AUTOMATIC POWERSHIFT-ENHANCED

Sheet 1

APPLICABILITY

The General Service Automatic Powershift – Enhanced (GS-APS-E) is available under SCE’s Summer Discount Program (SDP) and is applicable to Customers served under Schedules GS-1, TOU-GS-1, TOU-GS-1-RTP, GS-2, TOU-GS-2, TOU-GS-2-RTP, TOU-GS-3, TOU-GS-3-RTP, TOU-8, TOU-8-S or TOU-8-RTP-S where the Customer’s central air conditioning compressor is subject to cycling by SCE. Service pursuant to this Schedule shall be subject to adequate signal strength, availability of control devices, and acceptable operating condition of the air conditioner unit. This Schedule is not applicable with Schedules CBP and TOU-BIP. Pursuant to Decision 18-11-029, except for the Customers grandfathered to continue the existing dual participation in accordance with Special Condition 11, all Customers served under this Schedule are not eligible to dually participate with CPP (Schedule CPP, or Option CPP of an applicable TOU rate schedule).

TERRITORY

Within the entire territory served.

RATES

The rates specified in Schedules GS-1, TOU-GS-1, TOU-GS-1-RTP, GS-2, TOU-GS-2, TOU-GS-2-RTP, TOU-GS-3, TOU-GS-3-RTP, TOU-8, TOU-8-S or TOU-8-RTP-S are applicable to this service and shall be adjusted as follows:

The Customer’s bill shall be reduced by an amount equal to:

- 30% Cycling Strategy: \$(0.58) per Summer Season month per Connected Tonnage of air conditioning for 30% cycling
- 50% Cycling Strategy: \$(2.90) per Summer Season month per Connected Tonnage of air conditioning for 50% cycling
- 100% Cycling Strategy: \$(8.24) per Summer Season month per Connected Tonnage of air conditioning for 100% cycling

In no event shall the amount of credit exceed the amount of the Distribution portion of the Energy and Demand Charges plus the total charge for generation of the Customer’s bill as calculated under the Otherwise Applicable Tariff (OAT). The total charge for the generation component of the customer’s bill for Direct Access (DA), Community Aggregation (CA), and Community Choice Aggregation (CCA) Customers will be imputed by multiplying those Customers’ total usage by the generation rate charged to Bundled Service Customers.

(T)

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Issued by
Carla Peterman
Senior Vice President

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Schedule GS-APS-E
GENERAL SERVICE AUTOMATIC POWERSHIFT-ENHANCED

Sheet 2

(Continued)

SPECIAL CONDITIONS

1. SDP Event: Cycling will be accomplished utilizing the control device during cycling events as defined in Special Condition 7 to cycle off the air conditioning compressor for up to 9 minutes out of every 30 minutes for 30% cycling, 15 minutes out of every 30 minutes for 50% cycling, or 30 minutes out of every 30 minutes for 100% cycling. Credit in accordance with the rates above will commence on the latter of the next meter read date or the first Summer Season billing month following completion of the installation of the control device and shall continue each month of the Summer Season thereafter whether or not any cycling has been performed during that month.
2. Summer Season Bill Credit: The Summer Season shall commence at 12:00 a.m. on June 1 and continue until 12:00 a.m. on October 1 of each year.
3. Control Device: SCE, at its own expense, will furnish, own, operate, and maintain the control device installed by SCE or SCE designated contractor at each customer's premises. Failure to meet the operable equipment requirement of this Schedule, or failure of a customer to provide access to SCE to the direct load control device, upon request by SCE, may result in the suspension of the credits and may result in removal from this Schedule.
4. Term of Service: Service under this Schedule shall be for a minimum of one year from the date on which service under this Schedule begins. The election or cancellation of service under this Schedule by a customer does not prohibit the customer from making another rate change within 12 months, if applicable.
5. Electric Usage Criteria for Program Eligibility.
 - a. Minimum Electric Usage Threshold. All customers served under this Schedule must register a minimum of 0.2 kWh of electric usage per air conditioner tonnage enrolled in the SDP program during the hour prior to the start of the SDP event or the hour after the end of the SDP event for no less than one SDP event in each calendar year.
 - b. Electric Usage Eligibility. An annual review of customer's electric usage will be conducted by SCE no later than January 31 of each calendar year. At the annual review time, SCE will determine in its reasonable discretion whether a customer served under this Schedule a full year in the previous calendar year has met the condition listed in Special Condition 5.a. above.
 - c. Removal. Upon conducting the annual review, if SCE in its reasonable discretion has determined that a customer has not met the conditions listed in Special Condition 5.a. above, the customer will be removed from this Schedule on the next regularly scheduled meter read date.
 - d. Re-enrollment. Any customer removed from this Schedule under Special Condition 5.c above is not eligible to enroll into this Schedule during the subsequent 12 months.
6. Meter Requirements: Effective January 1, 2017, an Edison SmartConnect® meter or an interval data recorder (IDR) meter capable of registering hourly interval usage data is required for all customers enrolling to participate in this Schedule.

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(N)

(Continued)

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R.O. Nichols
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Schedule GS-APS-E Sheet 3
GENERAL SERVICE AUTOMATIC POWERSHIFT-ENHANCED

(Continued)

7. Cycling Event: A cycling event is one in which an air conditioning compressor may be cycled off:
- a. After the California Independent System Operator (CAISO) has (i) publicly declared a Warning, Stage 1, Stage 2, Stage 3 or Transmission Emergency and (ii) has taken all necessary steps to prevent the further degradation of its operating resources according to Operating Procedure 4420;
 - b. Upon determination by SCE's grid control center of the need to implement load reductions in SCE's service territory;
 - c. At the discretion of SCE's energy operations center in response to a CAISO economic award in the wholesale market, or high wholesale energy prices; or
 - d. At the discretion of SCE or CAISO for program evaluation or system contingencies;

8. SDP Event Period:

The number of SDP Events triggered under Special Condition 7 is unlimited, but the total SDP Event hours triggered under Special Condition 7 is limited to a cumulative total of no more than 180 hours per calendar year, per service account. Multiple cycling events per day are possible and cycling events are limited to a cumulative total of no more than six hours per day. (D)

SDP Event hours triggered under Special Condition 7.c. are limited per service account, as follows:

- a. A maximum of 20 hours annually may be triggered and will be inclusive of all event hours triggered under Special Condition 7;
- b. Events will be limited to four hours per day;
- c. Events will be limited to no more than three consecutive non-holiday weekdays; and
- d. Events may only be called between the hours of 11:00 a.m. and 8:00 p.m. and cannot be called on weekends or SCE holidays.

In the event of a system emergency, SCE may, at its discretion, extend the cycling event beyond the six hour limit. However, no new SDP Event will be initiated after the six hour limit has been met.

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Schedule GS-APS-E
GENERAL SERVICE AUTOMATIC POWERSHIFT-ENHANCED

Sheet 4

(Continued)

SPECIAL CONDITIONS (Continued)

- 9. Cycling Strategy Change: At Customer's request, SCE shall change the Cycling Strategy for participating SDP customers as follows: (T)
 - a. Change to a lower percentage Cycling Strategy: The Customer may downgrade to the 50% Cycling Strategy once and the 30% Cycling Strategy once within a 12-month period under this Schedule at no charge. (T)
 - b. Change to a higher percentage Cycling Strategy: A Customer may upgrade to a higher percentage Cycling Strategy at any time. (T)
 - 10. Direct Access (DA), Community Aggregation (CA), and Community Choice Aggregation Service (CCA Service): A Customer receiving DA, CA, or CCA Service shall notify its Energy Service Provider (ESP) or Community Choice Aggregator (CCA), as applicable, and Scheduling Coordinator that its air-conditioning load is subject to cycling events under this Schedule. (T)
 - 11. Relationship to Other Demand Response Programs: Customer's service accounts who are enrolled on this Schedule may participate in Schedule OBMC. Only Customers dually participating in this Schedule and CPP (Schedule CPP or CPP Option of an applicable TOU Schedule) prior to October 26, 2018 are grandfathered to continue the existing dual participation. All other Customers served under this Schedule are not eligible for service to dually participate with CPP. Customer's service accounts on this Schedule may also participate in other SCE resource contracts, provided specific contract provisions allow for such dual participation. Customer's service accounts on this Schedule shall not participate in the CAISO's Ancillary Services Load Program. (T)
- For Customers' service accounts grandfathered to continue to dually participate with CPP, the sum of credits provided by the GS-APS-E and CPP programs will be capped. The capped credit amount, also known as the Maximum Available Credit, is listed per the Customer's OAT in the applicable rate section of Schedule CPP or Option CPP. These grandfathered customers are capped at the megawatt level as of December 10, 2018. (T)

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Schedule GS-APS-E
GENERAL SERVICE AUTOMATIC POWERSHIFT-ENHANCED

Sheet 5

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SPECIAL CONDITIONS (Continued)

12. Connected Tonnage Calculation: Connected Tonnage is determined by dividing the central air conditioning unit's power (in watts) by a conversion factor of 1400 watts/ton, and multiplying by the Power Factor, then adding 0.09 for rounding purposes. The central air conditioning unit's power is determined by multiplying the voltage (VOLT) and electric current (amperage or AMP) based on the information on the faceplate of the central air conditioning unit. If faceplate information is not available, AMP and VOLT readings are collected from amperage probe clamp readings. The central air conditioning unit can either be a single-phase unit or a three-phase unit. The power factor is 1 for single-phase air conditioning units, and 1.73 for three-phase air conditioning units

a. For single-phase central air conditioning equipment, the formula for Connected Tonnage is:

$$\text{Single-Phase SDP Tonnage} = [(\text{VOLT} \times \text{AMP}) / 1400 \times 1] + 0.09$$

b. For three-phase central air conditioning equipment, the formula for Connected Tonnage includes a power factor of 1.73:

$$\text{Three-Phase SDP Tonnage} = [(\text{VOLT} \times \text{AMP}) / 1400 \times 1.73] + 0.09$$

13. Agreement: The customer must complete and sign the Summer Discount Plan Commercial Application (Form 16-165) in order to take service under this Schedule. (N)
(N)

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Senior Vice President

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