



Schedule D-SDP  
DOMESTIC SUMMER DISCOUNT PLAN

Sheet 1

APPLICABILITY

The Domestic Summer Discount Plan (D-SDP) is applicable to domestic service customers residing in an individually metered single-family accommodation with central air conditioning where a portion of the customer's electrical load is subject to disconnection, as initiated by an SDP Event Trigger, from SCE's service by SCE through a direct load control device, with or without optional customer-controlled override capabilities. Service pursuant to this Schedule shall be subject to adequate signal strength for control of the direct load control device, availability of direct load control devices, and acceptable operating condition of the air conditioning unit. Except for customers that are enrolled in both PTR-ET-DLC and Schedule D-SDP prior to January 1, 2018, this Schedule is not applicable to (1) customers receiving a Medical Baseline Allocation for air conditioning, (2) customers receiving service under Schedules DM, DMS-1, DMS-2, or DMS-3, and (3) customers enrolled in the PTR-ET-DLC. (N)

In order to participate under this Schedule, customers must have the appropriate SCE approved direct load control device installed, programmed, and activated.

TERRITORY

Within the entire territory served.

RATES

The rates as applicable under the customer's Otherwise Applicable Tariff (OAT) shall apply, except the customer's bill shall be reduced by the following applicable credit:

Standard Option:  
Direct load control device;

100% Cycling Strategy: \$(0.36) per Summer Season day per Connected Tonnage of central air conditioning for 100% Cycling

50% Cycling Strategy: \$(0.18) per Summer Season day per Connected Tonnage of central air conditioning for 50% Cycling

Override Option:  
Direct load control device equipped with customer override capability. Customers will be permitted to override 5 SDP Event days per calendar year for each load control device by physically accessing the direct load control device. For customers using load control devices installed outside the dwelling, the customer's air conditioning unit must be installed at ground level. For customers using SCE approved Programmable Communicating Thermostats (PCTs), the air conditioning unit may be located anywhere around the dwelling.

100% Cycling Strategy: \$(0.18) per Summer Season day per connected ton of central air conditioning for 100% cycling

50% Cycling Strategy: \$(0.09) per Summer Season day per connected ton of central air conditioning for 50% cycling

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RATES (Continued)

In no event shall the amount of credit exceed the amount of the Distribution and CIA portion of the Energy Charge plus the total charge for generation of the customer's bill as calculated under the customer's 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. Also, the Basic Charge, as shown on the customer's OAT, shall apply.

MINIMUM CHARGE: The Minimum Charge provision of the customer's OAT shall apply.

SPECIAL CONDITIONS

1. SDP Event: An SDP Event is the disconnection of a portion of the customer's electrical load utilizing the direct load control device. An SDP event will be initiated as defined in Special Condition 7. Each SDP Event will conform to the applicable Cycling Strategy: 100% cycling disconnects the air conditioning compressor for up to 30 minutes out of every 30 minutes and 50% cycling disconnects the air conditioning compressor for up to 15 minutes out of every 30 minutes. SDP Events may be called year round. A credit, in accordance with the rates above, will commence on the meter read date of the first Summer Season billing month following completion of the installation and activation of the applicable direct load control device and shall continue each month of the Summer Season thereafter whether or not any SDP Event has been initiated during that month.
2. 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. The winter season shall commence at 12:00 a.m. on October 1 of each year and continue until 12:00 a.m. on June 1 of the following year.
3. Direct Load Control Device: For load control devices installed outside the customer's dwelling, SCE, at its own expense, will furnish, own, operate, and maintain the direct load control device installed by SCE or its designated contractor at each customer's premises. For customers who elect the Override Option of this Schedule, with load control devices installed outside the customer's dwelling, customer's central air conditioning unit must be installed at ground level and accessible to SCE or its designated contractor.

PCTs are available for single thermostat systems only and are not available for zone systems that have multiple thermostats connected to a single air conditioning unit. PCTs qualifying under this Schedule must be operable and compatible with the Edison SmartConnect® meter, as determined and approved at SCE's sole discretion.

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.

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SPECIAL CONDITIONS (Continued)

- 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 minimum of one year restriction does not apply when a member of a customer's household develops a serious medical condition that is substantiated by a medical provider subsequent to program enrollment that in SCE's reasonable discretion disqualifies the customer from participation in this program. (L)
- 5. Electric Usage Criteria for Program Eligibility. (N)
  - a. Minimum Electric Usage Threshold. All customers served under this Schedule must register a minimum of 1.5kWh of electric usage one hour prior to the start of SDP event or one hour after the end of SDP event for no less than one SDP event in a 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 for 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 re-enroll in this Schedule during the subsequent 12 months.
- 6. Meter Requirements: Effective January 1, 2017, except for existing customers with an installed interval data recorder (IDR) meter capable of registering hourly interval usage data prior to January 1, 2017, all existing and new customers receiving service under this Schedule must have an Edison SmartConnect® meter installed and program ready to participate in this Schedule. (N)

(L)

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(Continued)

SPECIAL CONDITIONS (Continued)

7. SDP Event Trigger: An SDP Event may be triggered and the air conditioning compressor cycled off upon any of the following situations:
- 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; (N)
  - 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; (T)
  - d. At the discretion of SCE for program evaluation or system contingencies. (T)

8. SDP Event Period: (D)

The number of SDP Events triggered under Special Condition 7 is limited, but the total SDP Event hours triggered under Special Condition 7 must be called a minimum of 20 hours annually for 2016-2017 calendar years, per service account and is limited to a cumulative total of no more than 180 hours per calendar year, per service account. Multiple SDP Events per day are possible, but the cumulative event hours are limited to a total of no more than six hours per day, per service account. (T)

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

- a. A maximum of 20 hours annually for 2016-2017 calendar years 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 an SDP Event beyond the six hour limit. However, no new SDP Event will be initiated after the six hour limit has been met.

9. Customer Option Change: At the customer's request, subject to device availability, Customers may change their Option (Standard or Override) one time within each 12-month period of service under this Schedule.

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SPECIAL CONDITIONS (Continued)

- 10. Cycling Strategy Change: At the customer's request, SCE shall change the Cycling Strategy for participating SDP customers as follows: (L) (T)
  - a. Customers may change their Cycling Strategy from 50% Cycling Strategy to 100% Cycling Strategy at any time under this Schedule.
  - b. Subject to device availability, customers may change their Cycling Strategy from 100% Cycling Strategy to 50% Cycling Strategy one time within each 12-month period of service under this Schedule.
  
- 11. 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 SDP Events under this Schedule. (T)
  
- 12. Relationship to Other Demand Response Programs: Customers' service accounts on this Schedule may additionally participate on Schedule CPP or Option CPP of Schedules TOU-D and TOU-D-T. For CPP customers' service accounts dual participating with this Schedule, the sum of credits provided by the D-SDP 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 in the Option CPP rate section of Schedules TOU-D and TOU-D-T. (L) (T)
  
- 13. 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. (T)
  - a. For single-phase central air conditioning equipment, the formula for Connected Tonnage is:  

$$\text{Single-Phase SDP Tonnage} = [(VOLT \times AMP) / 1400 \times 1] + 0.09$$
  - b. For three-phase central air conditioning equipment, the formula for Connected Tonnage includes a power factor of 1.73:  

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

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