



Schedule AP - I
AGRICULTURAL AND PUMPING - INTERRUPTIBLE

Sheet 1

APPLICABILITY

Applicable to customers with a measured demand of 37 kW or greater, or with a connected load of 50 horsepower or greater who are served under a Time-of-Use Agricultural and Pumping rate schedule, and who elect to provide Interruptible Load automatically. However, this Schedule is not applicable to customers receiving the Wind Machine Credit provided under Schedule TOU-PA-2 or to customers served under experimental rate schedules. Service under this Schedule is subject to the availability of a load control device and may not be available in certain areas of SCE's service territory where communication signaling equipment has not been installed or signal strength is inadequate to activate or deactivate interruption. This Schedule is not applicable to customers served under Schedules TOU-BIP or CBP.

Pursuant to Decision 18-11-029, except for the customers grandfathered to continue the existing dual participation in accordance to Special Condition 9, all customers served under this Schedule are not eligible to dually enroll with CPP (Option CPP of an applicable TOU rate schedule).

TERRITORY

Within the entire territory served.

RATES

All charges and provisions of the customer's Otherwise Applicable Tariff (OAT) shall apply and the bill determined under the customer's OAT will be credited as indicated below.

TOU Credit – Below 200 kW

\$/kW per Meter per Month:

TOU Credit	Summer Average On-Peak	\$(18.46)	(R)
	Winter Average Mid-Peak	\$ (9.14)	(R)

TOU Credit – 200 kW and Above

\$/kW per Meter per Month:

TOU Credit	Summer Average On-Peak	\$(18.46)	(R)
	Winter Average Mid-Peak	\$ (9.14)	(R)

(Continued)

(To be inserted by utility)
 Advice 5402-E
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Micheal Backstrom
 Vice President

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 Resolution E-5349



Schedule AP - I
AGRICULTURAL AND PUMPING - INTERRUPTIBLE

Sheet 2

(Continued)

RATES (Continued)

TOU Based Rates:

In accordance with the terms and conditions of this Schedule and Form 14-315, Interruptible Service Agreement, a Customer is eligible for interruptible bill credits on their monthly bill. The bill credits will be based on the customer's monthly average kW demand recorded during each TOU period (on-peak during the summer season, and mid-peak during the winter season) excluding days when an AP-I event is called. The Customer's monthly average kW demand, as described above, will be multiplied by the applicable bill credit amounts differentiated by season, and by TOU period, as listed in Special Condition 1. The bill credit(s) for each applicable TOU period is then summed to arrive at the total credit for the month. (C)

Example – Monthly API Credit Calculation for Customers during Summer and Winter Season:

Summer On-Peak:

Step 1: Total Monthly Summer On-Peak kWh Excluding Days When an AP-I Event is Called / Total Monthly Summer On-Peak Hours Excluding Days When an AP-I Event is Called = Monthly Average Summer On- Peak Demand (MASO) (T)
(T)

Step 2: (MASO - Default Adjustment Value) x applicable Summer On Peak Credit (SOPC) = Monthly bill credit for Summer On-Peak kW

Winter Mid-Peak

Step 3: Total Winter Mid-Peak kWh Excluding Days When an AP-I Event is Called / Total Monthly Winter Mid-Peak Hours Excluding Days When an AP-I Event is Called = Monthly Average Winter Mid-Peak Demand (MAWM) (T)
(T)

Step 4: (MAWM - Default Adjustment Value) x Winter Mid Peak Credit amount = Monthly bill credit for Winter Mid-Peak kW

(Continued)

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Vice President

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Schedule AP - I
AGRICULTURAL AND PUMPING - INTERRUPTIBLE

Sheet 3

(Continued)

SPECIAL CONDITIONS

1. Time periods are defined as follows:

TOU Period	Weekdays		Weekends and Holidays	
	Summer	Winter	Summer	Winter
On-Peak	4 p.m. - 9 p.m.	N/A	N/A	N/A
Mid-Peak	N/A	4 p.m. - 9 p.m.	4 p.m. - 9 p.m.	4 p.m. - 9 p.m.
Off-Peak	All other hours	9 p.m. - 8 a.m.	All other hours	9 p.m. - 8 a.m.
Super-Off-Peak	N/A	8 a.m. - 4 p.m.	N/A	8 a.m. - 4 p.m.

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Holidays are New Year's Day (January 1), Presidents' Day (third Monday in February), Memorial Day (last Monday in May), Independence Day (July 4), Labor Day (first Monday in September), Veterans Day (November 11), Thanksgiving Day (fourth Thursday in November), and Christmas (December 25).

When any holiday listed above falls on Sunday, the following Monday will be recognized as a Holiday. No change will be made for holidays falling on Saturday.

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.

2. Interruptible Load: The Interruptible Load is the total load served under the Customer's OAT. The load control device will function at such times selected by SCE to disconnect the entire load served.

(Continued)

(To be inserted by utility)
Advice 3957-E
Decision 18-07-006
3C16 18-11-027

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R.O. Nichols
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Schedule AP - I
AGRICULTURAL AND PUMPING - INTERRUPTIBLE

Sheet 4

(Continued)

SPECIAL CONDITIONS (Continued)

3. Period of Interruption: SCE may initiate a Period of Interruption under this Schedule:
 - a. After the California Independent System Operator (CAISO) has (i) publicly declared an Energy Emergency Alert (EEA) Watch, EEA-1, EEA-2, EEA-3, or Transmission Emergency; and (ii) has taken all necessary steps to prevent the further degradation of its operating reserves according to Operating Procedure 4420; or (C)
 - b. Upon determination by SCE's grid control center of the need to implement load reductions in SCE's service territory; or
 - c. At the discretion of SCE or CAISO for program evaluation or system contingencies.

4. Number and Duration of Interruption: The number of Periods of Interruption will not exceed one (1) per day and ten (10) per calendar month. The duration of the Periods of Interruption will not exceed 6 hours each and a total of 180 hours per calendar year. Under this Schedule all interruptions are controlled by SCE.

5. Ownership and Control of Facilities: Communication, metering, and interrupting facilities, as specified by SCE, will be installed, owned, and maintained in accordance with SCE specifications. SCE shall provide and install automatic disconnection equipment at no charge to the Customer. Customer agrees to provide, at Customer's service address, an appropriate location and electric power source for SCE's equipment. SCE shall have sole access to this equipment. SCE shall own, operate, and maintain the disconnection equipment. These facilities will be solely under operational control of SCE unless otherwise specified by SCE. Credit in accordance with Schedule AP-I will commence on the first billing month following completion of the installation of the load control device and shall continue each month thereafter whether or not any interruption has been performed

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Such communications and interrupting facilities may include, but will not be limited to, the following:

 - a. Necessary facilities between the customer and SCE to provide Period of Interruption.
 - b. Equipment to permit remote monitoring of the customer's load.

6. Non compliance: SCE may, at its discretion remove customer from this Schedule if the load control device is bypassed or tampered with to avoid interruption.

(Continued)

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 Decision 23-06-029

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 Vice President

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Schedule AP - I
AGRICULTURAL AND PUMPING - INTERRUPTIBLE

Sheet 5

(Continued)

SPECIAL CONDITIONS (Continued)

7. Contracts: A contract, Form 14-315, Interruptible Service Agreement, is required for service under this Schedule. A customer with a valid contract is not required to execute a new contract for a name change if the customer's Federal Tax Identification Number remains the same. To be served under this Schedule, eligible customers shall comply with all provisions of the contract within 30 days of contract execution.

If the effective date of enrollment is on or before April 30th in any given year, the customer must be served under this Schedule for at least 6 months before the customer can terminate service under this Schedule. If the customer's effective date of enrollment is after April 30th in any given year, the customer must be served under this Schedule for at least 12 months before customer can terminate service under this Schedule. Customers shall have a one-month window each year between November 1 and December 1, to provide written notice to SCE to terminate service under Schedule AP-I and return to the OAT. Timely requests to terminate service under this Schedule will be effective on the next regularly scheduled meter read date after December 1. However, a customer may provide written notice to SCE and request to terminate service under this Schedule outside of the November 1 to December 1 period, if the customer is changing its attestation of the Prohibited Resource(s). In addition, SCE may, at its sole discretion, initiate additional window(s) throughout the year with a duration of a specified period due to any change which may affect customer's participation on this Schedule. All changes become effective on the next regularly scheduled meter read date on or after SCE's approval of the participant's written notice.

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Customers shall not be permitted to prematurely terminate service hereunder unless changes in electrical demand require a change in the customer's Otherwise Applicable Tariff (OAT) and that OAT is not eligible for this Schedule.

Failure to meet minimum applicability requirements due to changes in demand or connected load for 12 or more consecutive months will result in the customer being removed from this Schedule. Removal from this Schedule will occur once per year on the next regularly scheduled read date after December 1.

Default Adjustment Value (DAV) is the nameplate capacity value of the Customer's Prohibited Resource provided at the time of attestation. If a customer has multiple Prohibited Resource units at the same site, then the DAV is the sum of the nameplate capacity values from all Prohibited Resource units at the same site. For customers who do not use their Prohibited Resource to reduce load during a Demand Response event, as described in Special Condition 8, b. (1) ii, the DAV will not affect customer's API Credit Calculation under the Rates section of this Schedule. For customers electing to use its Prohibited Resource to reduce load during a Demand Response event on the same site for the same service account, as described in Special Condition 8, b. (1) iii, the DAV is used to calculate customer's API Credit Calculation under the Rates section of this Schedule.

As described in Special Condition 8, a customer may update its attestation of the Prohibited Resource(s) and adjust its DAV by submitting a signed and updated Form 14-315 with appropriate proof at any time, subject to SCE approval. Any change to the DAV will be effective on the next regularly scheduled meter read date after SCE approval.

(Continued)

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Senior Vice President

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Schedule AP - I
AGRICULTURAL AND PUMPING - INTERRUPTIBLE

Sheet 6

(Continued)

SPECIAL CONDITIONS

8. Use of Prohibited Resources

a. Prohibited Resources.

Effective January 1, 2019, the following list of resources are prohibited in providing load reduction during demand response events: distributed generation technologies using diesel, natural gas, gasoline, propane, or liquefied petroleum gas, in topping cycle Combined Heat and Power (CHP) or non-CHP configuration ("Prohibited Resources"). The following resources are exempt from the prohibition: pressure reduction turbines and waste-heat-to-power bottoming cycle CHP, resources powered by fuel (e.g., renewable gas, renewable diesel, or biodiesel) that has received renewable certification from the California Air Resources Board, as well as energy storage resources not coupled with fossil fueled resources.

b. Attestation of Prohibited Resources

(1) Customer must attest to one of the following conditions in order to participate in this Schedule

- i. Customer does not have a Prohibited Resource onsite
- ii. Customer does have a Prohibited Resource onsite and will not use the resource to reduce load during any demand response event. Customer must provide the number of unit(s) of Prohibited Resource onsite, and the DAV for the Prohibited Resource onsite (as defined in Special Condition 7).
- iii. Customer does have a Prohibited Resource onsite and may have to use the resource(s) during demand response events for safety, health, or operational reasons. Customer must provide the number of unit(s) of Prohibited Resource onsite, and the DAV for the Prohibited Resource onsite (as defined in Special Condition 7).

(2) Form Requirement: The customers must sign Form 14-315 to complete the Attestation of Prohibited Resources. Participant's signature may be in an electronic format, including a "click."

(D)

(Continued)

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Schedule AP - I
AGRICULTURAL AND PUMPING - INTERRUPTIBLE

Sheet 7

(Continued)

8. Use of Prohibited Resources (Continued):

b. Attestation of Prohibited Resources (Continued):

(4) Update Attestation: Customer may update its attestation with any of the following changes, if the change is supported by documentation that confirms the operational change, and can be verified by SCE or a Verification Administrator. Update of the Attestation may be subject to SCE's approval.

- i. Add, remove or modify an onsite Prohibited Resource
- ii. Change the status of the use of Prohibited Resource(s) to reduce load during any demand response event
- iii. Change the Default Adjustment Value.

c. Attestation of Prohibited Resources:

The Verification Administrator is an independent contractor responsible for verifying the Prohibited Resource attestations.

- (1) Customer compliance and participation may be subject to verification performed by a Verification Administrator and consequences associated with non-compliance.
- (2) Participation in this Schedule is contingent on complying with possible verification requests and facility access for site visits, as deemed necessary by the Verification Administrator. Compliance with Verification Administrator requests will be determined by the Verification Administrator.
- (3) If directed by the Verification Administrator, SCE may pay for the installation of monitoring equipment for purpose of verification of attestation in the test year 2019.
- (4) All customers may be required to provide the Verification Administrator with written operating manifest(s), date and time stamped photo(s) of the Prohibited Resource unit(s), load curtailment plan(s), single line diagram(s), permit copy(ies), or other information and/or documentation about their onsite Prohibited Resource unit(s).

(Continued)

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Schedule AP - I
AGRICULTURAL AND PUMPING - INTERRUPTIBLE

Sheet 8

(Continued)

8. Use of Prohibited Resources (Continued):

d. Enforcement of Prohibition:

The Verification Administrator is responsible for enforcing the prohibition.

(1) Type I Violation

i. Invalid Attestation: This type of infraction includes mistakes on the attestation that may be reasonably found to be clerical or administrative in nature, such as reporting a higher than actual nameplate capacity value of a Prohibited Resource or not including an onsite Prohibited Resource on the attestation, as long as the resource is not used to reduce load during a DR event. These instances of "Type I" infractions may be subject to a 60-day cure period for customer correction. SCE or its Verification Administrator will notify the customer of any identified Invalid Attestation. Once notified, if the violation is not cured within 60 days, the customer will be removed from this Schedule at the next regularly scheduled meter read date. Once removed from this Schedule, if the customer is able to provide SCE with a valid attestation at the time of re-enrollment, the customer may re-enroll at any time.

ii. No Attestation: Any active customer that does not agree to the prohibition, by submitting an attestation at the time of enrollment, will not be eligible to be served under this Schedule.

(T)
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(2) Type II Violation - Non-Compliance with the Prohibition: A Type II Violation is defined as a violation of the term(s) of its attestation when (a) the customer that did not attest to any use of any Prohibited Resource, but is using a Prohibited Resource to reduce load during a demand response event, or (b) a customer submits an invalid nameplate capacity value that is lower than the actual capacity value on the nameplate. SCE or its Verification Administrator will notify the customer of any identified Type II Violation. A customer identified with a single instance of a Type II Violation shall be removed from this Schedule for one year, and must wait 12 months to be eligible to re-enroll in this Schedule and all other "affected DR programs." A customer with two or more instances of Type II Violation shall be removed from this Schedule for a period of three years, and must wait 36 months to be eligible to re-enroll in this Schedule and all other "affected DR programs." "Affected DR programs" are all DR programs and pilots subject to the prohibition requirements in Decision 16-09-056 and Resolution E-4906.

(Continued)

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Schedule AP-I
AGRICULTURAL AND PUMPING - INTERRUPTIBLE

Sheet 9

(Continued)

SPECIAL CONDITIONS (Continued)

8. Use of Prohibited Resources (Continued):

e. Dispute Resolution:

Participants disputing a Type I or Type II Violation shall be permitted to engage in a dispute resolution process with the Verification Administrator, SCE, the California Public Utilities Commission (Commission), and, if applicable, the aggregator. The participants, the aggregators, and SCE shall follow the Commission Alternative Dispute Resolution (ADR) and Formal Complaint processes to resolve disputes over verification issues.

9. Relationship to Other Demand Response Programs. Customers' service accounts may also be enrolled in one additional demand response program which does not include a capacity incentive payment:

a. Customers' service accounts directly enrolled in AP-I may participate with Schedules TOU-PA-2-RTP or TOU-PA-3-RTPSLRP, or OBMC. (C)

b. Customers' service accounts participating with Schedules SLRP will not receive an incentive payment during hours where there is an overlapping AP-I Interruption.

c. Customers' service accounts on this Schedule may participate in other SCE resource contracts, provided specific contract provisions allow for such dual participation.

d. Customers' service accounts on this Schedule may not participate in the CAISO's ancillary services load program.

e. Only customers dually participating in this Schedule and Option CPP of an applicable TOU rate schedule prior to October 26, 2018 are grandfathered to continue the existing dual participation. All other customers served under this Schedule are not eligible to dually enroll in Option CPP of an applicable TOU rate schedule. (N)
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(N)

For customers' service accounts grandfathered to continue to dually participate with Option CPP of an applicable TOU rate schedule, the sum of credits provided by the AP-I and Option CPP will be capped, if applicable. The capped credit amount, also known as the Maximum Available Credit, is listed per the customer's OAT in the applicable rate section of the Option CPP of the applicable TOU rate schedule. These grandfathered customers are capped at the megawatt level as of December 10, 2018. (C)
(C)
(N) (T)
(N)

10. Direct Access (DA) and Community Choice Aggregation Service (CCA Service): A customer receiving DA or CCA Service shall notify its Energy Service Provider (ESP) or Community Choice Aggregator (CCA), as applicable, and Scheduling Coordinator that the total load served is subject to interruption under this Schedule.

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Decision 18-11-029

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President

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Schedule AP-I
AGRICULTURAL AND PUMPING - INTERRUPTIBLE

Sheet 10

(Continued)

SPECIAL CONDITIONS (Continued)

11. Reliability Cap: D. 10-06-034 and D. 18-11-029 established a reliability cap management process, Commission-enforced annual cap designed to limit the capacity from reliability-based demand response programs to two percent (2%) of the recorded all-time coincident CAISO peak load (reliability cap or cap). Pursuant to D.23-12-005, the two percent (2%) DR reliability cap established in D.10-06-034 is temporarily raised to three percent (3%) through 2025 for SCE. New enrollments will be processed on a first-come, first-served basis until there is no available capacity (headroom) under SCE's allocated portion of the reliability cap. The program will be closed to new enrollments once the reliability cap is reached. Beginning in 2026, once SCE's available capacity reaches 95% of SCE's allocation of the reliability cap, SCE will utilize the lottery prioritization adopted in D.18-11-029.
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(N)
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(N)

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