

December 22, 2023

Via Electronic Filing

Ms. A. Shonta Dunston
Chief Clerk, North Carolina Utilities Commission
4325 Mail Service Center
Raleigh, North Carolina 27699-4300

Re: *NCUC Technical Conference Energy Efficiency (EE) / Demand-Side Management (DSM)
Cost Recovery Mechanism*
Docket Nos. E-100, Sub 179; E-7, Sub 1032; and E-2, Sub 931

Dear Ms. Dunston:

I write on behalf of the Carolina Industrial Group for Fair Utility Rates II & III (CIGFUR). During the Technical Conference held on December 18, 2023, PJ Klein, P.E., Business Continuity Program Manager and Assistant Division Manager, Corning Incorporated, presented on behalf of CIGFUR. Please note that CIGFUR previously filed Mr. Klein's biography and PowerPoint slide deck on December 11, 2023.

During the Technical Conference, Mr. Klein was asked by Commissioner McKissick whether there exist demand response programs in other jurisdictions that have attracted large customer participation. This letter addresses Commissioner McKissick's question. While this is not necessarily the only such program, certain CIGFUR member companies have had a positive experience participating in Southern California Edison's Base Interruptible Program (BIP) and related Emergency Load Reduction Program (ELRP). For the Commission's reference, please find enclosed the BIP tariff and ELRP fact sheet.

Should members of the Commission, Commission staff, and/or the Public Staff believe that a tour of a large industrial customer's facility would be helpful to provide additional perspectives regarding how large industrial customers use energy, conserve energy, and implement their own energy efficiency and/or demand-side management measures independent of utility-administered EE/DSM programs, there are multiple CIGFUR member companies who would be willing and able to host such a tour, to the extent such a tour could be facilitated in a manner that complies with any and all applicable *ex parte* rules and/or other constraints.

Please contact me directly should you have any questions.

Best regards,

Electronically submitted

/s/ Christina D. Cress

Counsel for CIGFUR

Encls.

cc: Parties of Record

CERTIFICATE OF SERVICE

The undersigned attorney for CIGFUR hereby certifies that she caused the foregoing letter and enclosures to be served upon counsel of record for all parties to this proceeding, consistent with the Service List maintained by the NCUC Chief Clerk's office, by electronic mail.

This the 22nd day of December, 2023.

/s/ Christina D. Cress
Christina D. Cress

Schedule TOU-BIP
TIME-OF-USE-GENERAL SERVICE
BASE INTERRUPTIBLE PROGRAM

Sheet 1

APPLICABILITY

This Schedule is optional for General Service customers and Aggregators who have monthly Maximum Demands or aggregated monthly Maximum Demands reaching or exceeding 200 kW. Customers, both directly enrolled and those in an Aggregator's portfolio, must take service under the provisions of a Time-of-Use (TOU) or Real Time Pricing (RTP) rate schedule to participate in the Program, and must commit to curtail at least 15 percent of their Maximum Demand, which shall not be less than 100 kW, per Period of Interruption. Additionally, this Schedule is optional for customers with load served under the maintenance and/or backup service provisions of Schedules S, TOU-8-S, or TOU-8-RTP-S as well as supplemental and excess supplemental load of that Schedule.

Participant must choose Participation Option A or Participation Option B, as defined in Special Condition 2 of this Schedule. Customers directly enrolling must make such selection in the Interruptible Service Agreement (Form 14-315) and Aggregators in the Time-of-Use Base Interruptible Program Aggregator Agreement (Form 14-780) prior to receiving service under this Schedule. Participation Option B is the default option for participants who make no selection.

For the purpose of this Schedule a participant is defined as either a customer directly enrolling in this Schedule or an Aggregator.

This Schedule is not applicable to customers served under Schedules GS-APS-E, AP-I, and CBP.

Pursuant to Decision 18-11-029, except for the customers grandfathered to continue the existing dual participation in accordance to Special Condition 17, all customers served under this Schedule are not eligible to dually enroll with Option CPP of an applicable TOU rate schedule.

(D)

TERRITORY

Within the entire territory served.

RATES

All charges and provisions of the customer's Otherwise Applicable Tariff (OAT) shall apply.

(Continued)

(To be inserted by utility)

Advice 4801-E
Decision 21-12-015; 21-12-069Issued by
Michael Backstrom
Vice President

(To be inserted by Cal. PUC)

Date Submitted May 26, 2022
Effective Jun 27, 2022
Resolution _____

Schedule TOU-BIP
TIME-OF-USE-GENERAL SERVICE
BASE INTERRUPTIBLE PROGRAM
(Continued)

Sheet 2

RATES (Continued)

Directly Enrolled Customer:

In accordance with the terms and conditions of this Schedule and the applicable contract(s) a customer is eligible for interruptible bill credits on their monthly bill. The bill credits will be based on the kW demand difference between the customer's monthly average kW demand recorded during each TOU period (on-peak and mid-peak during the Summer Season, and mid-peak during the Winter Season), and the customer's Firm Service Level (FSL). The kW demand difference, as described above, will be multiplied by the applicable bill credit amounts differentiated by the selected Participation Option (A or B), by voltage levels, by season, and by TOU period, as listed in this Section. The bill credit(s) for each applicable TOU period is then summed to arrive at the total credit for the month.

(D)

Example – Monthly BIP Credit Calculation for Customers during Summer Season:

MASO = Monthly Average Summer On-Peak Demand

MASM = Monthly Average Summer Mid-Peak Demand

FSL = Firm Service Level

SOPC = Summer On Peak Credit amount depending on Participation Option A or B and Voltage Level

SMPC = Summer Mid Peak Credit amount depending on Participation Option A or B and Voltage Level

Step 1: Total Monthly Summer On-Peak kWh / Total Monthly Summer On-Peak Hours = MASO

Step 2: (MASO – FSL)* = Summer On-Peak Interruptible kW

Step 3: Summer On-Peak Interruptible kW x applicable SOPC = monthly bill credit for Interruptible kW for Summer On-Peak Interruptible kW

Step 4: Total Monthly Summer Mid-Peak kWh / Total Monthly Summer Mid-Peak Hours = Monthly Average Summer Mid-Peak Demand (MASM)

Step 5: (MASM – FSL)* = Summer Mid-Peak Interruptible kW

Step 6: Summer Mid-Peak Interruptible kW x applicable SMPC = monthly bill credit for Summer Mid-Peak Interruptible kW

Step 7: The sum of Steps 3 and 6 = Monthly Summer Season Bill Credit

* Value must be 0 or above.

(Continued)

(To be inserted by utility)

Advice 3846-E
Decision _____

2C27

Issued by
Caroline Choi
Senior Vice President

(To be inserted by Cal. PUC)

Date Filed Aug 16, 2018
Effective Sep 15, 2018
Resolution _____

Schedule TOU-BIP
TIME-OF-USE-GENERAL SERVICE
BASE INTERRUPTIBLE PROGRAM

Sheet 3

(Continued)

RATES (Continued)

Aggregator:

In accordance with the terms and conditions of this Schedule and the applicable contract(s), an Aggregator is eligible for monthly payments. The payments will be based on the kW demand difference between each Aggregated Group's total monthly average demand of all of its service accounts as recorded during each TOU period (on-peak and mid-peak during the summer season, and mid-peak during the winter season), and the Aggregated Group's Firm Service Level (FSL). The kW demand difference, as described above, is then multiplied by the applicable payment amount differentiated by the selected participation option (A or B), by voltage level, by season, and by TOU periods, as listed in this Section. The BIP payment(s) for each applicable TOU period is then summed to arrive at the total payment for the month.

MASO = Monthly Average Summer On-Peak Demand

MASM = Monthly Average Summer Mid-Peak Demand

FSL = Firm Service Level

SOPC = Summer On Peak Credit amount depending on Participation Option A or B and Voltage Level

SMPC = Summer Mid Peak Credit amount depending on Participation Option A or B and Voltage Level

- Step 1: Total Monthly Summer On-Peak kWh for all service accounts in the aggregated group/
Monthly Summer On-Peak Hours = Aggregated Monthly Average Summer On-Peak
Demand (Aggregated MASO)
- Step 2: (Aggregated MASO – Aggregated FSL)* = Aggregated Summer On-Peak Interruptible kW (T)
- Step 3: Aggregated Summer On-Peak Interruptible kW x applicable SOPC = Aggregated monthly
payment for Summer On-Peak Interruptible kW
- Step 4: Total Monthly Summer Mid-Peak kWh for all service accounts in the aggregated group/
Monthly Summer Mid-Peak Hours = Aggregated Monthly Average Summer Mid-Peak
Demand (Aggregated MASM)
- Step 5: (Aggregated MASM – Aggregated FSL)* = Aggregated Summer Mid-Peak Interruptible kW (T)
- Step 6: Aggregated Summer Mid-Peak Interruptible kW x applicable SMPC = Aggregated monthly
payment for Summer Mid Peak Interruptible kW
- Step 7: The sum of Steps 3 and 6 = Aggregated Monthly Summer Season Payment

* Value must be 0 or above.

(T)

(Continued)

(To be inserted by utility)

Advice 3118-E
Decision _____

Issued by

Megan Scott-Kakures
Vice President

(To be inserted by Cal. PUC)

Date Filed Oct 23, 2014
Effective Nov 22, 2014
Resolution _____

Schedule TOU-BIP
TIME-OF-USE-GENERAL SERVICE
BASE INTERRUPTIBLE PROGRAM
(Continued)

Sheet 4

RATES (Continued)

The interruptible bill credits or payments are differentiated by voltage levels as follows:

Participation Option A:

SERVICE METERED AND DELIVERED AT VOLTAGES BELOW 2 KV

\$/kW per Meter per Month:

Summer Season - on peak	\$ (26.11)(I)
mid-peak	\$ (2.04)(I)
Winter Season - mid-peak	\$ (10.97)(I)

SERVICE METERED AND DELIVERED AT VOLTAGES FROM 2 KV THROUGH 50 KV

\$/kW per Meter per Month:

Summer Season - on peak	\$ (26.11)(I)
mid-peak	\$ (1.70)(I)
Winter Season - mid-peak	\$ (10.26)(I)

SERVICE METERED AND DELIVERED AT VOLTAGES ABOVE 50 KV

\$/kW per Meter per Month:

Summer Season - on peak	\$ (17.84)(I)
mid-peak	\$ (0.86)(I)
Winter Season - mid-peak	\$ (6.46)(I)

Participation Option B:

SERVICE METERED AND DELIVERED AT VOLTAGES BELOW 2 KV

\$/kW per Meter per Month:

Summer Season - on peak	\$ (23.54)(I)
mid-peak	\$ (1.84)(I)
Winter Season - mid-peak	\$ (9.89)(I)

SERVICE METERED AND DELIVERED AT VOLTAGES FROM 2 KV THROUGH 50 KV

\$/kW per Meter per Month:

Summer Season - on peak	\$ (23.14)(I)
mid-peak	\$ (1.50)(I)
Winter Season - mid-peak	\$ (9.07)(I)

SERVICE METERED AND DELIVERED AT VOLTAGES ABOVE 50 KV

\$/kW per Meter per Month:

Summer Season - on peak	\$ (15.37)(I)
mid-peak	\$ (0.73)(I)
Winter Season - mid-peak	\$ (5.54)(I)

(Continued)

(To be inserted by utility)

Advice 4377-E-A

Decision

Issued by

Carla Peterman

Senior Vice President

(To be inserted by Cal. PUC)

Date Submitted Jan 11, 2021

Effective Feb 1, 2021

Resolution

Schedule TOU-BIP
TIME-OF-USE-GENERAL SERVICE
BASE INTERRUPTIBLE PROGRAM
(Continued)

Sheet 5

RATES (Continued)

Excess Energy Charges:

For both Participation Option A and Participation Option B, a charge for Excess Energy may apply under certain conditions, as set forth in Special Condition 6.

Excess Energy Charges (\$/kWh):

	<u>Option A</u>	<u>Option B</u>
Voltages below 2 kV	\$14.98186(l)	\$13.51232(l)
Voltages from 2 kV to 50 kV	\$14.69333(l)	\$13.22378(l)
Voltages above 50 kV	\$14,18881(l)	\$12.71927(l)

SPECIAL CONDITIONS

1. Interruptible Load: The Interruptible Load is the measured difference between the Customer's or Aggregated Group's demand, at the time of interruption, and the Customer's or Aggregated Group's Firm Service Level.
2. Participation Option A and Participation Option B:
 - a. Participation Option A: 15-Minute Participation Option requires a Customer or Aggregated Group to reduce its demand imposed on the electric system to its Firm Service Level within 15 minutes of a Notice of Interruption from SCE, as defined in Special Condition 4 of this Schedule.
 - b. Participation Option B: 30-Minute Participation Option requires a Customer or Aggregated Group to reduce its demand imposed on the electric system to its Firm Service Level within 30 minutes of a Notice of Interruption from SCE, as defined in Special Condition 4 of this Schedule.
3. Load Zone: SCE will assign each participant to a load zone. The assigned Load Zone may be at SCE's system or subsystem level which may change over time. Participant may be direct enrolled Customer or Customer in an Aggregated Group.

(Continued)

(To be inserted by utility)

Advice 4377-E-A
Decision _____

Issued by
Carla Peterman
Senior Vice President

(To be inserted by Cal. PUC)

Date Submitted Jan 11, 2021
Effective Feb 1, 2021
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Schedule TOU-BIP
TIME-OF-USE-GENERAL SERVICE
BASE INTERRUPTIBLE PROGRAM

Sheet 6

(Continued)

SPECIAL CONDITIONS (Continued)

4. Firm Service Level (FSL): FSL is the Maximum Demand SCE is expected to supply and/or deliver during any Period of Interruption. The FSL shall be specified by the customer and by the Aggregator for each of its Aggregated Groups. Prior to enrollment, each prospective participant must demonstrate the ability to interrupt load to the specified FSL by participating in a pre-enrollment curtailment evaluation which may last up to the maximum allowed event duration specified in Special Condition 15. During a Period of Interruption, the participant is expected to interrupt load to its specified FSL. Except for the participants who are verified with the status of Non-Performance as described in Special Condition 10, and the participants with a change in the Prohibited Resource Attestation as described in Special Condition 11, increases or decreases in FSL may be made no more often than once per year, upon written request by the participant and execution of an Interruptible Service Agreement (Form 14-315) for customers, and Attachment E to the Time-of-Use Base Interruptible Program Aggregator Agreement (Form 14-780) for Aggregators to increase or decrease the participant's FSL. Participants served under this Schedule shall establish a FSL of zero or greater. Increases in FSL may be made as described in Special Condition 14. Decreases in FSL may only be made during the resource allocation process.

(N)
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|
(N)

Default Adjustment Value (DAV) is the nameplate capacity value of the participant's Prohibited Resource provided at the time of attestation. If a participant has multiple units of Prohibited Resource 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 participants who do not use their Prohibited Resource to reduce load during a Demand Response event, as described in Special Condition 11, b. (1) ii, the DAV will not affect the participant's FSL. For participants 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 11, b. (1) iii, the direct enrolled participant must set the FSL at no less than the DAV, and the Aggregators must set the FSL for their Aggregated Group at no less than the sum of the DAV for all participants attested to Special Condition 11. b. (1) iii.

(L)

(Continued)

(To be inserted by utility)

Advice 5010-E
Decision _____

Issued by
Michael Backstrom
Vice President

(To be inserted by Cal. PUC)

Date Submitted Apr 13, 2023
Effective _____
Resolution _____

Schedule TOU-BIP
TIME-OF-USE-GENERAL SERVICE
BASE INTERRUPTIBLE PROGRAM
(Continued)

Sheet 7

SPECIAL CONDITIONS (Continued)

5. Notice of Interruption: A Notice of Interruption will be sent to customer designated contacts. Customers must ensure the notification delivery method is functional and be responsible to pay for all charges associated with the notification delivery service. Failure to provide at least one valid notification contact or functional notification delivery service may result in Excess Energy Charges being applied. SCE may give a Notice of Interruption under this Schedule: (P)
 - 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; (C)
(P)
 - b. Upon determination by SCE's grid control center of the need to implement load reductions in SCE's service territory; (P)
 - c. At the discretion of SCE or CAISO for program evaluation or system contingencies; or (P)
 - d. At the discretion of SCE for non-performance test(s) discussed in Special Condition 10. (P)
(P)

Once SCE sends a Notice of Interruption to a participant's contact(s), the participant shall reduce the demand imposed on the electric system to its FSL in accordance with Special Condition 4 above. Upon receiving a Notice of Interruption, participant is responsible for determining they are located in the affected Load Zone (block) and shall respond accordingly. SCE will not be responsible for notifying the customers within an Aggregated Group of an interruption. The Aggregator will be solely responsible for notifying the customers within its Aggregated Group of an interruption.

6. Period of Interruption: A Period of Interruption is a time interval which commences 15 minutes after Notice of Interruption for participants on Participation Option A and 30 minutes after a Notice of Interruption for participants on Participation Option B. For Participation Option A and Participation Option B participants, a Period of Interruption ends for participants upon notification by SCE of the end of a Period of Interruption.
7. Excess Energy: Excess Energy is the number of kWh consumed in each Period of Interruption which exceeds the product of the FSL kW multiplied by the total number of hours within the Period of Interruption.
8. Charges for Excess Energy: For each Period of Interruption during which the participant has Excess Energy, the applicable Excess Energy Charge shall be added to the customer's bill or charged to the Aggregator.

(Continued)

(To be inserted by utility)

Advice 5067-E
Decision 23-06-029

Issued by
Micheal Backstrom
Vice President

(To be inserted by Cal. PUC)

Date Submitted Jul 7, 2023
Effective _____
Resolution _____

Schedule TOU-BIP
TIME-OF-USE-GENERAL SERVICE
BASE INTERRUPTIBLE PROGRAM

Sheet 8 (N)

(Continued)

9. Noncompliance: The customer's noncompliance with any of the terms and/or conditions of this Schedule and/or the associated contract(s), except for the terms and conditions relating to failure to interrupt load, may result in the suspension of the interruptible credits and charges pursuant to the customer's otherwise applicable tariff. However, the customer remains subject to all other terms and conditions of this Schedule and the applicable contract(s). The interruptible credits of this rate schedule will be applied effective the next meter read date after SCE determines the customer is in compliance. (L)
10. Non-Performance: (C)(L)
- a. Non-Performance Assessment: A customer that fails to reduce demand to its FSL during a Period of Interruption for at least 50% of the event(s) in a calendar year is considered to be a non-performing customer and will be subject to non-performance testing. (L)
- b. Non-Performance Test
- i. Non-performance test(s) are conducted between October 1 to April 1.
- ii. Non-performance test events may last up to the maximum allowed event duration and will not count towards the event limits described in Special Condition 15.
- iii. A non-performing customer that reduces load to its FSL during the non-performance test event may remain enrolled in the program at its current FSL.
- iv. A non-performing customer that fails to reduce load to its FSL during the non-performance test event will incur Excess Energy Charges. In addition, SCE will send a notification to inform the customer of its failure of the non-performance test with a suggested designated new FSL. Within five (5) business days of SCE's notification, the customer must choose one of the following options:
- a) Request for a re-test at its current FSL. Customers may request to repeat the non-performance test multiple times, but the last re-test must be completed on or before April 1 of each calendar year. Excess Energy Charges will apply for all re-tests.
- b) Adjust FSL to a level designated by SCE based on customer's performance record. The customer must execute a new enrollment agreement on SCE's website with the designated new FSL within 10 business days of SCE's notification of the failure of the non-performance test. If the customer fails to execute a new contract with the new FSL within the required period, SCE will unenroll the customer from this Schedule.
- c) Unenroll from this Schedule voluntarily. (C)

(Continued)

(To be inserted by utility)

Advice 5010-E
Decision _____

Issued by
Michael Backstrom
Vice President

(To be inserted by Cal. PUC)

Date Submitted Apr 13, 2023
Effective _____
Resolution _____



Southern California Edison
Rosemead, California (U 338-E)

Original
Cancelling Revised

Cal. PUC Sheet No. 85899-E
Cal. PUC Sheet No. 64303-E

Schedule TOU-BIP
TIME-OF-USE-GENERAL SERVICE
BASE INTERRUPTIBLE PROGRAM
(Continued)

Sheet 9 (N)

10. Non-Performance (Continued):

- c. Change Effective Date. The new FSL or unenrollment from this Schedule will become effective on the next regularly scheduled meter read date.
- d. Re-enrollment. Any customer unenrolled from this Schedule under Special Condition 10.b is not eligible to participate in this Schedule for 12 months after the Change Effective Date.

(C)

(C)

(Continued)

(To be inserted by utility)

Advice 5010-E
Decision _____

Issued by
Michael Backstrom
Vice President

(To be inserted by Cal. PUC)

Date Submitted Apr 13, 2023
Effective _____
Resolution _____

Schedule TOU-BIP
TIME-OF-USE-GENERAL SERVICE
BASE INTERRUPTIBLE PROGRAM

Sheet 10 (T)

(Continued)

SPECIAL CONDITIONS (Continued)

11. 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) Participant must attest to one of the following conditions in order to participate in this Schedule

- i. Participant does not have a Prohibited Resource onsite
- ii. Participant does have a Prohibited Resource onsite and will not use the resource to reduce load during any demand response event. Participant must provide the number of unit(s) of Prohibited Resource onsite, and the DAV for the Prohibited Resource onsite (as defined in Special Condition 4).
- iii. Participant does have a Prohibited Resource onsite and may have to use the resource(s) during demand response events for safety, health, or operational reasons. Participant must provide the number of unit(s) of Prohibited Resource onsite, and the DAV for the Prohibited Resource onsite (as defined in Special Condition 4).

(2) Form Requirement for Attestation of Prohibited Resources: The direct enrolled participants must sign Form 14-315. The aggregator enrolled participants must sign Form 14-980, Authorization for Participation in Aggregated Demand Response Programs Form, (Form 14-780, Attachment C Each aggregator is responsible for submitting the completed attestation form(s) for each participating accounts of their participants on this Schedule to SCE in a machine readable format, such as a comma-separated value (.csv) file or other format acceptable by SCE. Customer signature for the participating accounts may be in an electronic format, including a "click."

(Continued)

(To be inserted by utility)

Advice 5010-E
Decision _____

Issued by
Michael Backstrom
Vice President

(To be inserted by Cal. PUC)

Date Submitted Apr 13, 2023
Effective _____
Resolution _____

Schedule TOU-BIP
TIME-OF-USE-GENERAL SERVICE
BASE INTERRUPTIBLE PROGRAM

Sheet 11 (T)

(Continued)

SPECIAL CONDITIONS (Continued)

11. Use of Prohibited Resources (Continued):

b. Attestation of Prohibited Resources (Continued):

(3) Update of the Attestation: Participants may update their attestation(s) 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 DAV.

c. Verification of Attestation of Prohibited Resources:

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

- (1) Participant's 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 participating accounts 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)

(To be inserted by utility)

Advice 5010-E

Decision _____

11C11

Issued by
Michael Backstrom
Vice President

(To be inserted by Cal. PUC)

Date Submitted Apr 13, 2023

Effective _____

Resolution _____

Schedule TOU-BIP
TIME-OF-USE-GENERAL SERVICE
BASE INTERRUPTIBLE PROGRAM

Sheet 12 (T)

(Continued)

SPECIAL CONDITIONS (Continued)

11. Use of Prohibited Resources (Continued):

c. Enforcement of Prohibition of Resources:

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 and aggregator validation. SCE or its Verification Administrator will notify the direct enrolled participants or the aggregators of any identified Invalid Attestation. Once notified, if the violation is not cured within 60 days, the participant will be removed from this Schedule at the next regularly scheduled meter read date. Once removed from this Schedule, if the participant or the participant's aggregator is able to provide SCE with a valid attestation at the time of re-enrollment, the participant may re-enroll at any time.
- ii. No Attestation: Any active participant 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.

(Continued)

(To be inserted by utility)

Advice 5010-E

Decision _____

12C11

Issued by
Michael Backstrom
Vice President

(To be inserted by Cal. PUC)

Date Submitted Apr 13, 2023

Effective _____

Resolution _____

Schedule TOU-BIP
TIME-OF-USE-GENERAL SERVICE
BASE INTERRUPTIBLE PROGRAM

Sheet 13 (T)

(Continued)

SPECIAL CONDITIONS (Continued)

11. Use of Prohibited Resources (Continued):

d. Enforcement of Prohibition of Resources (Continued):

(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 participant 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 participant 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 direct enrolled participants or the aggregators of any identified Type II Violation. A participant 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 participant 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.

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.

(Continued)

(To be inserted by utility)

Advice 5010-E

Decision _____

13C11

Issued by
Michael Backstrom
Vice President

(To be inserted by Cal. PUC)

Date Submitted Apr 13, 2023

Effective _____

Resolution _____

Schedule TOU-BIP
TIME-OF-USE-GENERAL SERVICE
BASE INTERRUPTIBLE PROGRAM

Sheet 14 (T)

(Continued)

SPECIAL CONDITIONS (Continued)

12. Direct Access (DA) and Community Choice Aggregation (CCA): 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 it is subject to interruption under this Schedule. In addition, if a customer receiving DA or CCA service owns its own meter or has a meter provided by an ESP, the meter must be capable of providing the proper pulse data interface between the customer's metering system and SCE's data recorder. Where SCE is the MDMA and MSP for participating service accounts which do not have the required IDR metering, SCE will provide and install such equipment.
13. Meter Requirements: Interval data recorder (IDR) metering is required for all customers providing interruptible load for purposes of this Schedule, whether the load is provided directly by the customer or through an Aggregator.
14. Contracts: A contract is required for service under this Schedule. A participant with a valid contract may not be required to execute a new contract for account changes if the participant's Federal Tax Identification Number remains the same. To be served under this Schedule, eligible Participants shall comply with all provisions of the contract and this Schedule.

Except for the conditions listed in Special Condition 14. d. below, participants shall have a one-month window each year between November 1 and December 1, to provide written notice to SCE for Options a, b, and c of this Special Condition with all changes becoming effective on the next regularly scheduled meter read date on or after December 1. If the effective date of enrollment is on or before April 30 in any given year, the participant must be served under this Schedule for at least 6 months before the participant can terminate service under this Schedule. If the participant's effective date of enrollment is after April 30 in any given year, the participant must be served under this Schedule for at least 12 months before participant can terminate service under this Schedule.

- a. Terminate service under Schedule TOU-BIP and return to the OAT.
- b. Change the Participation Option. Changes in Participation Option with timely receipt of the signed Interruptible Service Agreement (Form 14-315) or Attachment D to the Time-of-Use Base Interruptible Program Aggregator Agreement (Form 14-780).
- c. Increase the FSL. Increases in the FSL with timely receipt of the signed Interruptible Service Agreement (Form 14-315) or Attachment E to the Time-of-Use Base Interruptible Program Aggregator Agreement (Form 14-780).
- d. A participant may provide written notice to SCE and request for any of the options a through c above outside of the November 1 to December 1 period, if the customer is changing its attestation of the Prohibited Resource(s). All changes become effective on the next regularly scheduled meter read date on or after SCE's approval of the participant's written notice. 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. A participant may be removed from this Schedule at any time if the participant has incurred one or more instances of Type II Violation as described in Special Condition 11. d. (2).

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Schedule TOU-BIP
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Sheet 15 (T)

(Continued)

SPECIAL CONDITIONS (Continued)

14. Contracts: (Continued)

Participants with a verified status of Non-Performance as described in Special Condition 10, may be removed from this Schedule. Termination of Service under Schedule TOU-BIP due to Non-Performance will become effective upon participant's next regularly scheduled meter read date following SCE's notification of service termination to the participant.

Aggregators are required to complete a Time-Of-Use Base Interruptible Program Aggregator Agreement (Form 14-780) including the attachment thereto.

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) 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.

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Schedule TOU-BIP
TIME-OF-USE-GENERAL SERVICE
BASE INTERRUPTIBLE PROGRAM

Sheet 16 (T)

(Continued)

SPECIAL CONDITIONS (Continued)

15. Number and Duration of Interruption: The number of Periods of Interruption will not exceed one (1) per day, ten (10) in any calendar month, and a total of 180 hours per calendar year. The duration of each Period of Interruption will not exceed 6 hours.
16. Customer Electrical Generating Facilities:
- a. Where customer electrical generating facilities are used to meet a part or all of the customer's electrical requirements, service shall be provided concurrently under the terms and conditions of Schedule S or TOU-8-S, whichever is applicable, and this Schedule. Parallel operation of such generating facilities with SCE's electrical system is permitted. A generation interconnection agreement is required for such operation.
 - b. Customer electrical generating facilities used solely for auxiliary, emergency, or standby purposes (auxiliary/emergency generating facilities) to serve the customer's load during a period when SCE's service is unavailable and when such load is isolated from the service of SCE are not subject to Schedule S or Schedule TOU-8-S. However, upon approval by SCE, momentary parallel operation may be permitted in order for the customer to avoid interruption of load during a Period of Interruption or to allow the customer to test the auxiliary/emergency generating facilities. A generation interconnection agreement is required for such momentary parallel operation.
17. Relationship to Other Demand Response Programs. Unless otherwise permitted herein, participants on this Schedule may not be served under any other demand response program. Aggregated Groups may not include TOU-BIP directly enrolled customer service accounts. With limitations, customers participating directly (not through an Aggregator) in TOU-BIP may also participate in Schedules SLRP, OBMC, or an applicable RTP rate schedule. Customers' service accounts participating in SLRP will not receive a SLRP incentive payment during hours where there is an overlapping TOU-BIP event. 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 for service to dually participate with CPP. In addition, 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.

For customers' service accounts grandfathered to continue to dually participate with Schedule CPP or Option CPP of an applicable TOU rate schedule, the sum of credits provided by TOU-BIP and CPP 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.

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TIME-OF-USE-GENERAL SERVICE
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Sheet 17 (T)

(Continued)

SPECIAL CONDITIONS (Continued)

18. Insurance. Insurance may not be used to pay non-compliance penalties for willful failure to comply with a Notice of Interruption. Existing and new participants will not be eligible for continued service or new service under this Schedule unless a declaration is signed under penalty or perjury which states that the participant does not have, and will not obtain, any insurance for the purpose of the insurance paying non-compliance penalties for willful failure to comply with Notices of Interruptions. Continued eligibility and new eligibility under this Schedule will require that each participant execute a declaration stating that it does not have, and will not obtain, such insurance. For any participant with such insurance after the effective date of this Special Condition, service under this Schedule will be terminated and such participant will be required to pay back the interruptible rate discounts for the period covered by the insurance. If the period cannot be determined, the recovery shall be for the entire period the participant was on this Schedule.
19. Aggregators: Pursuant to Decision 06-11-049, Aggregators may participate under this Schedule. The Aggregator may aggregate the load of customers whose load falls below the minimum load requirements, as defined in the applicability section of this Schedule, into one or more Aggregated Groups as long as the total load of each Aggregated Group meets the minimum load requirements. SCE will provide the Aggregator with a monthly payment in accordance with the terms and conditions of Time-Of-Use Base Interruptible Program Aggregator Agreement (Form 14-780). Payments will remain at the Aggregated Group level, providing for interruptible payments and Excess Energy Usage Charges based on each Aggregated Group's Firm Service Level (FSL) and monthly average peak demand. Existing TOU-BIP customers wishing to join an Aggregated Group may only do so after opting out of this Schedule during the annual window from November 1 through December 1.

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Schedule TOU-BIP
TIME-OF-USE-GENERAL SERVICE
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Sheet 18 (T)

(Continued)

SPECIAL CONDITIONS (Continued)

20. Aggregated Groups: Aggregators may group their Customers into one or more Aggregated Groups as they require. All Customers in an Aggregated Group must be served under the same voltage level, and the same Participation Option A or B, the same load zone, and the Aggregated Group must meet the minimum load requirements of this Schedule. In addition, an Aggregated Group will be comprised wholly of either Bundled, DA, or CCA Customers. Once established, the addition or removal of Customers from an Aggregated Group is not permitted until the annual window from November 1 to December 1. An exception applies to allow removal of a Customer's service account when electric service with SCE is discontinued for that service account. In an Aggregated Group, if a Customer service account's voltage level changes to a level different from that of the other Customers in the Aggregated Group, then such Customer service account must be removed from the Aggregated Group during the annual window, but will remain in the Aggregated Group until such time. Each Aggregated Group must maintain the minimum requirements as outlined within this Schedule.
21. For the purposes of participation under Schedule TOU-BIP, 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.

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 and continue until 12:00 a.m. on June 1 of the following year.

22. Event for Program Evaluation: At SCE's discretion, Customers may be requested to participate in a program evaluation event demonstrating their ability to reduce load to their contracted FSL. A BIP program evaluation event will be counted as an actual curtailment event and excess energy charges will apply.

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Schedule TOU-BIP
TIME-OF-USE-GENERAL SERVICE
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Sheet 19 (T)

(Continued)

SPECIAL CONDITIONS (Continued)

23. Reliability Cap: D.10-06-034 and 18-11-029 established a reliability cap management process, a 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 Decision 21-03-056, the two percent (2%) DR reliability cap established in D.10-06-034 is temporarily raised to three percent (3%) for the duration of the Emergency Load Reduction Program (ELRP) pilot for SCE. New enrollments or FSL decreases 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 and FSL decreases once the reliability cap is reached.

24. Bill Credit Calculation Modification for Declared Emergencies: As of August 31, 2022, BIP customers who suspend operations in response to an emergency proclamation by the Governor of the State of California and inform SCE of these suspensions are entitled to a modified bill credit calculation by which the calculated baseline will exclude the days of suspended operations (provided those days are covered by the proclamation) from the standard baseline calculation.

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Emergency Load Reduction Program (ELRP)

**FLEXIBLE
OPERATIONS
CAN MEAN
EASY SAVINGS.**



Our Emergency Load Reduction Program (ELRP) is a summer season demand response program that can lower your annual energy costs.

ELRP is a five-year Demand Response (DR) pilot program (2021-2025) available to Southern California Edison (SCE) business customers. The program aims to reduce strain on the electrical grid by providing incentives (bill credits) to our business customers for reducing their business's energy consumption during periods of high energy demand.

To be eligible to participate, non-residential (commercial, industrial, and agricultural) individual bundled-service customers must be able to reduce load by a minimum of one kilowatt during an ELRP event, have an SCE-approved interval meter or SmartConnect[™] meter that can measure energy consumption, at least hourly, and if applicable, can measure exported energy.

Conserve energy during summer season events.

The pilot program is ideal for businesses with the operational flexibility to reduce their energy consumption when ELRP DR events are called. Events occur only during the summer season between May 1 and October 31, and their scheduling is limited to:

- between 4 p.m. and 9 p.m.
- any day of the week (Sun - Sat), including holidays

Your business can benefit financially from participating.

To participate, your business will submit an energy reduction pledge, or bid. When an event is called, your business will earn \$2 per kilowatt per hour (kWh) or \$2,000 per megawatt per hour (MWh) of actual load reduction during an event, even if it's less or more than your bid. And remember, there is no penalty if you are unable to participate in an event.

Load reduction is based on the difference between your baseline energy usage and your actual energy usage during an ELRP event. Visit our Emergency Load Reduction Program (ELRP) FAQs to learn more about how bill credits are calculated.

It's a win-win program.

When your business consumes less energy, your energy costs are also reduced. When you successfully participate in an ELRP DR event, you can also earn ELRP incentives which, when applied to your account, further reduces your annual energy costs. It's a win-win.

Emergency Load Reduction Program (ELRP)

Receive courtesy alerts so you can plan ahead.

ELRP DR events are called on a day-ahead or day-of basis after an Energy Emergency Alert (EEA) is issued by the California Independent System Operator (CAISO), such as an EEA Warning, EEA-1, EEA-2, or EEA-3.

Sign up for courtesy alerts to help you plan for an event. Notifications may be sent via email and/or text at the time of enrollment. For added convenience, you may also download our free DR Alerts mobile app to have notifications delivered straight to your smartphone.¹

Prohibited Resources ²

Back-up generators (BUG) not utilizing Prohibited Resources can be used during an ELRP event. Prohibited Resources can only be used during ELRP events when permitted by a Governor's Executive Order. ELRP customers located in a DAC cannot use Prohibited Resources under the current program rules, unless specifically overridden by a Governor's Executive Order. Under emergency situations, it is unclear what regulations, if any, may be lifted by a Governor's Order to meet grid reliability needs. SCE will follow applicable CPUC and/or Governor orders.

How to get started.

To enroll in ELRP, simply visit **elrp.sce.com**. During enrollment you'll be asked for the service account number you want to enroll, along with your energy reduction bid. Customers are encouraged to review their historical usage to determine an achievable bid amount.

Maximize your incentives with dual participation.

In addition to ELRP, we offer several DR incentives programs in which you can also participate. Through dual participation, you have the opportunity to maximize your potential for incentives and give your bottom line a boost.³ For more information on dual participation, contact your SCE Account Manager directly or SCE's third-party program administrator's (Olivine) Help Desk at **1-833-227-2580**.

Third-party aggregators—another option for DR participation.

Third parties provide additional DR services that can help you manage and lower your business energy use. By partnering directly with these aggregators, you will be in a group of customers that participate in a qualified DR program. You can be compensated by the Aggregator based upon the terms of your agreement with them. For a list of DR Aggregators, visit **sce.com/drp**.

For more information, please view our Emergency Load Reduction Program (ELRP) FAQs. You may also contact your SCE Account Manager or SCE's third-party program administrator's (Olivine) Help Desk at **1-833-227-2580**.

ENROLL IN ELRP TODAY!

Visit **elrp.sce.com**.

¹ SCE does not guarantee customer receipt of the event notification. SCE is not liable for service provider costs associated with event notifications to customer communication devices.

² Directed by the California Public Utilities Commission (CPUC) in Decision (D.) 16-09-056. Prohibited resources include 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.

³ When DR program event hours overlap, incentives are awarded for successful participation in one program at a time.