

California Independent System Operator Corporation
Fifth Replacement Tariff

Table of Contents

Appendix I Station Power Protocol	2
1 General Conditions	2
1.1 Procurement.....	2
1.2 Eligibility	2
1.3 Limitations	2
2 Station Power Requirements and Review	3
2.1 Applications to Self-Supply Station Power.....	3
2.2 CAISO Monitoring and Review	3
3 Self-Supply Verification and CAISO Charges	4
3.1 Self-Supply Verification	4
3.2 Charges on Metered Demand.....	4
3.3 Administrative Charge.....	5
4 Transmission Service.....	5
5 Energy Pricing.....	5
6 Metering	5
7 Provision of Data to UDC or MSS Operator.....	6

Appendix I Station Power Protocol

1 General Conditions

1.1 Procurement

Station Power may be voluntarily self-supplied through On-Site Self-Supply or Remote Self-Supply. Third Party Supply may serve Station Power only to the extent permissible under the rules and regulations of the applicable Local Regulatory Authority.

1.2 Eligibility

1.2.1 Only Station Power Loads associated with Generating Units in the CAISO Balancing Authority Area that are part of an approved Station Power Portfolio may be self-supplied in accordance with this SPP. Each Generating Unit must be subject to a PGA, Net Scheduled PGA, or MSS Agreement. Any generating facility outside the CAISO Balancing Authority Area owned by the same entity is eligible to provide Remote Self-Supply to Station Power Loads, subject to the terms of this SPP. Generating Units wishing to self-supply Station Power, by means other than netting permitted under Section 10.1.3 of the CAISO Tariff, shall complete the application process specified in Section 2 of this SPP.

1.2.2 Station Power may be self-supplied by a single corporate entity, government agency, or joint powers agency or other legal entity organized under the laws of the State of California. A Station Power Portfolio may not include any facilities that are owned by the owner's corporate Affiliates. In the case of a joint powers agency, a Station Power Portfolio may not include facilities independently owned by one or more members or other legally distinct entities. If an entity owns a portion of a jointly owned Generating Unit, such ownership share may be included in a Station Power Portfolio up to the amount of the associated entitlement to Energy from the jointly-owned Generating Unit provided that: (i) the entity has the right to call upon that Energy for its own use; and (ii) the Energy entitlement is not characterized as a sale from the jointly owned Generating Unit to any of its joint owners.

1.2.3 Net Output from generating facilities outside the CAISO Balancing Authority Area may be included in a Station Power Portfolio and used as a source of Remote Self-Supply to serve Station Power of Generating Units in the CAISO Balancing Authority Area and part of the Station Power Portfolio, so long as the following conditions are fulfilled:

- (a) Imports of Net Output must be submitted in Self-Schedules using a Resource ID specified by the CAISO;
- (b) FMM Schedules using such Resource ID do not exceed the available Net Output of such generating facilities in any hour;
- (c) Firm transmission service to a Scheduling Point that assures delivery into the CAISO Balancing Authority Area is secured; and
- (d) Meter Data for generating facilities located outside the CAISO Balancing Authority Area shall be subject to CAISO audit to verify performance in accordance with these requirements.

1.3 Limitations

1.3.1 Station Power supplied by contemporaneous on-site Generation is treated as permitted netting under Section 10.1.3 of this CAISO Tariff. This SPP neither expands opportunities for nor imposes additional conditions on permitted netting. In accordance with this CAISO Tariff, such contemporaneous self-supplied Station Power need not be submitted in Self-Schedules with the

California Independent System Operator Corporation
Fifth Replacement Tariff

CAISO.

- 1.3.2** Self-supply of Station Power shall be strictly voluntary. Nothing in this SPP is intended to: 1) preclude a Generating Unit from purchasing Station Power pursuant to an applicable retail rate or tariff; or 2) supersede otherwise applicable jurisdiction of a Local Regulatory Authority, except in the event of a conflict between federal and state tariff provisions, in which case the federal tariff provisions will control.

2 Station Power Requirements and Review

2.1 Applications to Self-Supply Station Power

- 2.1.1** An application to establish a Station Power Portfolio or to modify the configuration of Station Power meters or the generating facilities included in a Station Power Portfolio must be submitted according to the process specified by the CAISO and posted on the CAISO Website, and shall include the following information:
- (a) One-line diagrams clearly showing the location and ownership of all Generating Units and Station Power meters, their connection to the CAISO Controlled Grid or distribution system, and the status of breakers and switchgear for normal system operation.
 - (b) Identification of any generating facilities outside the CAISO Balancing Authority Area, to be used to provide Remote Self-Supply of Station Power within the proposed Station Power Portfolio. No loads associated with generating facilities outside the CAISO Balancing Authority Area may be supplied under this SPP.
 - (c) Certification that the applicant is the sole owner of all generating facilities proposed to be included in the Station Power Portfolio, and that the applicant has the right to call on Energy for its own use from its ownership share of any jointly owned facilities that are proposed to be used to self-supply Station Power.
 - (d) Demonstration that each Station Power meter is certified in accordance with the CAISO Tariff.
 - (e) Verification that each Station Power meter is subject to a Meter Service Agreement for CAISO Metered Entities, and that each Generating Unit is bound to the CAISO Tariff by a PGA, Net Scheduled PGA, or MSS Agreement.
 - (f) Verification that the applicant has arranged for terms of service with the responsible UDC or MSS Operator for the use of any distribution facilities required to self-supply Station Power.
- 2.1.2** On the CAISO's written request, the applicant will provide additional information that the CAISO reasonably determines is necessary to verify the planned operation of the Station Power Portfolio and meet the requirements of Section 2.1.1 of this SPP.
- 2.2 CAISO Monitoring and Review**
- 2.2.1** The CAISO will take the following actions with respect to each application to establish a Station Power Portfolio:
- (a) The CAISO shall post on the CAISO Website a listing of the specific Station Power meters and Generating Units located in the CAISO Balancing Authority Area (which may include a Pseudo-Tie of a Generating Unit to the CAISO Balancing Authority Area, provided that firm transmission service has been reserved across the transmission path

California Independent System Operator Corporation
Fifth Replacement Tariff

from the CAISO Intertie to the Pseudo-Tie Generating Unit and the Station Power service is provided by a UDC or MSS Operator within the CAISO Balancing Authority Area), and any generating facilities outside the CAISO Balancing Authority Area, that compose each Station Power Portfolio, and which are eligible to participate in the self-supply of Station Power in accordance with this SPP.

- (b) The CAISO will provide the appropriate UDC or MSS Operator and the Local Regulatory Authority with one-line diagrams and other information regarding each application.
- (c) The CAISO will make a determination in consultation with the UDC or MSS Operator and the Local Regulatory Authority on the factual question of whether distribution facilities are involved in the requested self-supply of Station Power. Any disputes regarding such determinations shall be subject to the dispute resolution procedures of this CAISO Tariff.
- (d) The CAISO will verify metering schemes and assign unique Load identifiers consistent with the CAISO data templates and validation rules that the Scheduling Coordinator responsible for each meter will be required to use for scheduling and Settlement.

2.2.2 The CAISO shall promptly review each application to establish or modify a Station Power Portfolio. Within ten (10) Business Days after the submittal of the application, the CAISO shall notify the applicant in writing that the application is complete, or shall list any specific deficiencies or additional information that the CAISO reasonably requires to complete the application. The CAISO shall use all reasonable efforts to make the changes necessary for the new or modified configurations to take effect and the Station Power Portfolio to begin self-supplying Station Power within twenty (20) Business Days after a complete application is submitted. In no event shall a Station Power Portfolio begin self-supplying Station Power until any and all required changes to the configuration of metering or other equipment are completed as required under Section 6 of this SPP. The CAISO will have an ongoing right to request additional information reasonably necessary to verify that conditions on the self-supply of Station Power as specified in this SPP are met.

3 Self-Supply Verification and CAISO Charges

3.1 Self-Supply Verification

At the end of each Netting Period, the CAISO will calculate the Net Output for each Generating Unit in the Station Power Portfolio. If the Net Output is positive, then all Station Power associated with that Generating Unit will have been served by On-Site Self-Supply. Any positive Net Output from facilities in the Station Power Portfolio will be available to provide Remote Self-Supply to any Generating Unit with negative Net Output. If the available Remote Self-Supply is less than the aggregate negative Net Output in the Station Power Portfolio, then such shortfall will be deemed to have been served by Third Party Supply. The CAISO will incorporate these determinations in its accounting and billing for the Netting Period by reassigning Station Power to unique Load identifiers for Remote Self-Supply and Third Party Supply, as required.

3.2 Charges on Metered Demand

Station Power that is not eligible for permitted netting in accordance with Section 10.1.3 of this CAISO Tariff must be submitted in Self-Schedules in accordance with the CAISO Tariff, and will be assessed all charges applicable to metered Demand under the CAISO Tariff, except as provided in Section 4.1 of this SPP.

3.3 Administrative Charge

Scheduling Coordinators of Generating Units that have Station Power meters shall be assessed an administrative charge in accordance with Schedule 5 of Appendix F.

4 Transmission Service

4.1 Station Power Load that is directly connected to the transmission facilities or directly connected to the Distribution System of a UDC or MSS Operator located in a PTO Service Territory and that is determined to have been served by On-Site Self-Supply shall be deemed not to have used the CAISO Controlled Grid and shall not be included in the Gross Load of the applicable UDC or MSS Operator. Station Power that is served by Wheeling service and that is determined to have been served by On-Site Self-Supply shall be deemed not to have used the CAISO Controlled Grid and shall not be included in the hourly Self-Schedules (in kWh) of the applicable Scheduling Coordinator that are subject to the Wheeling Access Charge.

4.2 Station Power Load that is directly connected to the transmission facilities or directly connected to the Distribution System of a UDC or MSS Operator located in a PTO Service Territory and that is determined to have been served by Remote Self-Supply or Third Party Supply shall be included in the Gross Load of the applicable UDC or MSS Operator. Station Power that is served by Wheeling service and that is determined to have been served by Remote Self-Supply or Third Party Supply shall be included in the hourly Self-Schedules (in kWh) of the applicable Scheduling Coordinator that are subject to the Wheeling Access Charge.

4.3 If the Generating Unit requires the use of distribution facilities or other facilities that are not part of the CAISO Controlled Grid, then the Generating Unit will be subject to the appropriate charges of the applicable UDC, MSS Operator or owner of such non-CAISO Controlled Grid facilities.

5 Energy Pricing

All deviations between metered Generation or Station Power and that submitted in Self-Schedules will be settled at the resource-specific LMP at the applicable Custom LAP for the Station Power Load. The determination of Net Output and attribution of On-Site Self-Supply, Remote Self-Supply and Third Party Supply to serving Station Power under this SPP shall apply only to determine whether Station Power was self-supplied during the Netting Period and will have no effect on the price of Energy sold or consumed by any facility in the Station Power Portfolio.

6 Metering

6.1 In order to self-supply Station Power under this SPP by means other than netting permitted under Section 10.1.3 of this CAISO Tariff, a Generating Unit must be subject to a Meter Service Agreement for CAISO Metered Entities pursuant to CAISO Tariff Section 10.3.1. A meter certified in accordance with the CAISO Tariff is required for Station Power Load taken under the SPP. Separate metering is required for any on-site Load that does not meet the definition of Station Power. Under no circumstances may ineligible Loads be included in the Meter Data collected by the CAISO from a Station Power meter.

6.2 Any costs associated with owning or operating metering or related facilities necessary to self-supply Station Power according to the terms of this SPP are the responsibility of the owner-applicant.

6.3 A single Scheduling Coordinator must represent the unique Load identifiers assigned by the CAISO for On-Site Self-Supply and Remote Self-Supply associated with each Station Power meter.

7 Provision of Data to UDC or MSS Operator

The CAISO will provide the applicable UDC or MSS Operator with the amount of On-Site Self-Supply, Remote Self-Supply, and Third Party Supply serving Station Power at the granularity required to allow the UDC or MSS Operator to assess charges, if any, under the applicable retail tariff(s).