



ELECTRIC SCHEDULE NEMCCSF Sheet 1
NET ENERGY METERING SERVICE FOR CITY AND COUNTY OF SAN FRANCISCO MUNICIPAL
LOAD SERVED BY
HETCH HETCHY AT-SITE PHOTOVOLTAIC GENERATING FACILITIES

APPLICABILITY: This rate schedule is applicable to photovoltaic electricity generating facilities owned by the City and County of San Francisco ("CCSF") and designated by the CCSF as "HHWP At-Site Solar Generation Facilities"¹ where all of the following conditions are met: (N)

- 1) The CCSF has provided PG&E with written notice to designate the facility as an HHWP At-Site Solar Generation Facility;
- 2) The HHWP At-Site Solar Generation Facility utilizes a PG&E meter, or multiple PG&E meters, capable of separately measuring electricity flow in both directions;
- 3) The CCSF does not sell electricity delivered to the PG&E electric grid from the HHWP At-Site Solar Generation Facility to a third party;
- 4) The total peak generating capacity of all HHWP At-Site Solar Generation Facilities shall not exceed fifteen megawatts;
- 5) The HHWP At-Site Solar Generation Facility shall be located at a site to which electricity is delivered by PG&E as Municipal Load under the CCSF IA.;
- 6) The CCSF may terminate its election of service under this rate schedule upon providing Pacific Gas And Electric Company (PG&E) with a minimum of 60 days written notice.

Ownership and use of the "Environmental Attributes"¹ associated with all the electricity delivered to the PG&E electric grid by the HHWP At-Site Solar PV Generation Facility and purchased by PG&E shall be retained by the CCSF.

HHWP At-Site Solar Generation Facility interconnections in portions of San Francisco where PG&E has a network grid may be export limited. The CCSF is strongly encouraged to contact PG&E regarding any export limitations, before beginning any work on a HHWP At-Site PV Generating Facility that is expected to export under NEMCCSF.

TERRITORY: Municipal Facilities served under the CCSF IA.

RATES: Each HHWP At-Site Solar Generation Facility must be assigned, as determined by PG&E, an "Appropriate TOU Tariff"¹.

All credits for exports to the PG&E grid shall be valued at the generation component of the energy charge of the Appropriate TOU tariff assigned to the HHWP At-Site Solar Generation Facility by PG&E, unless the California Public Utilities Commission (CPUC) determines it is appropriate to increase the credit to reflect any additional value derived from the location or environmental attributes of the HHWP At-Site Solar Generation Facility.

Costs to administer this tariff will be funded through bundled customer rates.

Note 1 – See Special Condition 4 – DEFINITIONS

(Continued)



ELECTRIC SCHEDULE NEMCCSF Sheet 2
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BILLING: PG&E shall assign the Appropriate TOU Tariff for each Account served by an HHWP At-Site Solar Generation Facility.

Any electricity exported to the PG&E grid by a HHWP At-Site Solar PV Generation Facility shall be valued in dollars at the generation component of the Energy Charge of the Appropriate TOU Tariff for each time-of-use period and applied monthly as a credit or offset against the invoice created pursuant to the Interconnection Agreement.

Monthly credit amounts are interim and subject to an accounting true-up. A separate true-up shall be performed annually for each site served under this rate schedule each March and also 1) upon the CCSF's election to terminate service under this rate schedule or 2) upon the termination, for any reason, of the CCSF IA or 3) for any individual Account, upon the termination of its FERC IA². The true-up shall accomplish the following:

- (1) If the total electricity delivered to the Account by PG&E since the previous true-up equals or exceeds the total electricity exported to the PG&E grid by the HHWP At-Site Solar Generation Facility, the CCSF is a **net electricity consumer** for that Account. For any HHWP At-Site Solar Generation Facility site where the CCSF is a net electricity consumer, there shall be no change to the monthly credits as a result of the true-up. However, if there is no invoiced obligation to be reduced, there is no applicable credit.
- (2) If the total electricity delivered to the Account by PG&E since the previous true-up is less than the total electricity exported to the PG&E grid by the designated HHWP At-Site Solar Generation Facility, the CCSF is a **net electricity producer** at that Account

For any HHWP At-Site Solar Generation Facility where the CCSF is a net electricity producer, the CCSF shall receive no credit or offset for the electricity exported to the PG&E grid in excess of the electricity delivered to the Account from the PG&E grid. PG&E shall use the last-in, first-out method to determine what electricity delivered to the PG&E grid from the Account will not earn a credit or offset.

If the CCSF IA terminates, the CCSF and PG&E shall develop an alternative mechanism to convey credits earned under this section in a manner that accomplishes the same result as that accomplished pursuant to the Interconnection Agreement.

Note 2 – See Special Condition 4. – DEFINITIONS

(Continued)

Advice 3363-E-A
Decision

Issued by
Brian K. Cherry
Vice President
Regulatory Relations

Date Filed	March 2, 2009
Effective	December 17, 2008
Resolution	E-4228



ELECTRIC SCHEDULE NEMCCSF Sheet 3
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SPECIAL
CONDITIONS:

1. METERING EQUIPMENT: The HHWP At-Site Solar Generation Facility shall utilize a PG&E meter, or multiple PG&E meters, capable of **separately** measuring electricity flow in both directions. All PG&E meters shall provide "time-of-use" measurement information. If the existing PG&E meter at the site of the designated HHWP At-Site Solar Generation Facility is not capable of providing time-of-use information or is not capable of separately measuring total flow of energy in both directions, the CCSF is responsible for all expenses involved in purchasing and installing a PG&E meter or PG&E meters that are both capable of providing time-of-use information and able to separately measure total electricity flow in both directions.
2. INTERCONNECTION: Prior to receiving approval for Parallel Operation, the CCSF must complete PG&E's interconnection review process including completing an interconnection application provided by PG&E, signing a Federal Energy Regulatory Commission (FERC) jurisdictional interconnection agreement and, if special facilities are needed to complete the interconnection signing a FERC jurisdictional special facilities agreement (SFA). The CCSF must meet all applicable safety and performance standards established by the National Electrical Code, the Institute of Electrical and Electronics Engineers, and accredited testing laboratories such as Underwriters Laboratories and, where applicable, the FERC rules regarding safety and reliability.
3. Nothing in this section shall waive or modify the rights of parties under the CCSF IA or the jurisdiction of the FERC over rates set forth in the CCSF IA.
4. DEFINITIONS
 - A. "**Account**" as defined in Electric Rule 1, *Definitions*.
 - B. "**Appropriate TOU Tariff**" means the Time-of-Use (TOU) tariff that would be applicable to the CCSF Account at the photovoltaic project site if the facility at the site were a PG&E bundled customer, as determined by PG&E.
 - C. "**CCSF IA**" means the 1987 Interconnection Agreement between PG&E and the CCSF or its successor agreement, as filed with and accepted by the Federal Energy Regulatory Commission (FERC), and as amended from time to time with FERC approval, which provides for rates for transmission, distribution, and sales of supplemental electricity to the CCSF.
 - D. "**Environmental Attributes**" are those associated with the HHWP At-Site Solar Generation Facilities and include, but are not limited to, the credits, benefits, emissions reductions, environmental air quality credits, and emissions reduction credits, offsets, and allowances, however entitled, resulting from the avoidance of the emission of any gas, chemical, or other substance attributable to the HHWP At-Site Solar Generation Facilities owned by the CCSF.

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ELECTRIC SCHEDULE NEMCCSF Sheet 4
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SPECIAL
CONDITIONS:
(Cont'd.)

4. DEFINITIONS (Cont'd.)

- A. **"FERC IA"** – the FERC jurisdictional interconnection agreement for the HHWP At-Site Solar Generation Facility between CCSF and PG&E.
- B. **"HHWP At-Site Solar Generation Facility"** means the eligible CCSF owned, photovoltaic (PV) electricity generation facility on the CCSF's side of a single PG&E service point (Account) designated by the CCSF to be served under rate schedule NEMCCSF.
- C. Municipal Load, which is load eligible under the CCSF IA for certain services from PG&E, has the same meaning as in the most recent definition included in the CCSF IA.
- D. Municipal Facility is where Municipal Load is located.

(N)