



Schedule FC-NEM
FUEL CELL NET ENERGY METERING

Sheet 1

APPLICABILITY

Applicable to Bundled Service Customers and Community Choice Aggregation Service (CCA Service) Customers served under a Time-of-Use (TOU) rate schedule who: (1) interconnect and operate in parallel with SCE's electrical system an Eligible Fuel Cell Electrical Generating Facility, as defined herein below pursuant to Public Utilities (PU) Code Section 2827.10, with a generating capacity no greater than 1 MW, located on or adjacent to the customer's Premises, intended to offset part or all of the customer's electrical requirements, and (2) is the recipient of local, state, or federal funds, or who self-finance projects designed to encourage the development of fuel cell electrical generating facilities, and (3) uses technology that the California Public Utilities Commission (CPUC) has determined will achieve reductions in emissions of greenhouse gases pursuant to subdivision (b) of PU Code Section 2827.10, and meets the emission requirements for eligibility for funding set forth in subdivision (c) of PU Code Section 379.6, and (4) have commenced operation of their Eligible Fuel Cell Electrical Generating Facility on or before January 1, 2014. (T)

This Schedule is also applicable to Bundled Service Customers utilizing a Multiple Tariff Generating Facility, as defined in Special Condition 6.f of this Schedule. All customers with a Multiple Tariff Generating Facility served under this Schedule shall additionally be subject to the provisions of Special Condition 5 of this Schedule.

Except for customers utilizing a Multiple Tariff Generating Facility that includes one or more Non-NEM Eligible Generators, customers eligible for service under this Schedule are exempt from: (1) any new or additional charges not included in their Otherwise Applicable Tariff (OAT), and (2) Standby Charges (Schedule S).

Customers utilizing a Multiple Tariff Generating Facility may be subject to Standby Charges, pursuant to the provisions of Schedule S, Special Condition 2.b, as well as other applicable charges not included in their OAT (e.g., Schedule CGDL-CRS and Schedule DL-NBC).

Pursuant to Decision 08-02-002 and notwithstanding all applicable terms and conditions contained herein, to the extent a CCA offers net energy metering service for fuel cell customer-generators, SCE shall provide applicable NEM services under this schedule to an eligible CCA Service customer-generator consistent with services provided to its Bundled Service eligible customer-generators. As a condition of receiving service under this Schedule, the CCA shall be responsible for timely providing the applicable generation-related bill charges or credits for each CCA Service customer-generator to SCE. Each eligible CCA Service customer-generator shall look to its CCA for NEM services related to the electric generation charges and credits that result from receiving services under this schedule. The CCA shall also be responsible for the applicable generation-related bill credit structure associated with this service option and providing the CCA Service customer-generator with the applicable generation-related bill credit. Consistent with services provided to Bundled Service customer-generators, an eligible CCA Service customer-generator shall continue to be responsible, as provided herein, for all SCE charges, which are not subject to NEM under this schedule.

Pursuant to PU Code Section 2827.10, this Schedule is available on a first-come, first-serve basis and will be closed to new customers once 45 MW of rated generating capacity is served under this Schedule.

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Sheet 2

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TERRITORY

Within the entire territory served.

RATES

In addition to the applicable rates of a customer's OAT the following rates are applicable.

When a customer is a net consumer, E_S is greater than E_F , where E_S is energy supplied by SCE and E_F is energy generated by an NEM Eligible Generator(s) served under this Schedule and exported into SCE's system, measured and valued in dollars monthly over an entire Relevant Period, as defined in Special Condition 5.e, the total net consumed kWh will incur an energy charge, calculated for each TOU period when such customer was a net consumer of energy (E_S exceeds E_F) by 1) multiplying the total net consumed kWh over a month by the applicable energy rate components of the customer's OAT for Bundled Service Customers, or 2) multiplying the total net produced kWh by the applicable CCA generation rate components for CCA Service Customers. At the end of the Relevant Period Special Condition 4.b shall be invoked. Additionally, all other charges shall be calculated in accordance with the customer's OAT, for E_S (energy supplied by SCE), and shall be due and payable monthly, in accordance with SCE's normal monthly billing cycle. (T)

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RATES (Continued)

When a customer is a net producer, E_F is greater than E_S , where E_S is energy supplied by SCE and E_F is energy generated by the NEM Eligible Generator(s) served under this Schedule and exported into SCE's system, measured and valued in dollars monthly over an entire Relevant Period, as defined in Special Condition 6.e, the total net produced kWh will be a generation credit, calculated for each TOU period when such customer was a net producer of energy (E_F exceeds E_S) by 1) multiplying the total net produced kWh by the applicable generation rate components of the customer's OAT for Bundled Service Customers, excluding surcharges to cover the purchase of power by the Department of Water Resources, to which the customer would be assigned if the customer did not use an eligible fuel cell electrical generating facility, or 2) multiplying the total net produced kWh by the applicable CCA generation rate component for CCA Service Customers. At the end of each Relevant Period Special Condition 4.b shall be invoked. Additionally, all other charges shall be calculated in accordance with the customer's OAT, for E_S (energy supplied by SCE) and shall be due and payable monthly, in accordance with SCE's normal monthly billing cycle. (T)

SPECIAL CONDITIONS

1. Required Application and Contract: A Generating Facility Interconnection Application (Form 14-732) and a Fuel Cell Net Energy Metering and Interconnection Agreement (Form 14-755) are required for service under this Schedule.
2. Metering Requirements for all Customers Except Those Utilizing a Multiple Tariff Generating Facility:
 - a. Fuel Cell Net Energy shall be measured (metered) using a TOU meter capable of separately registering the flow of energy in two directions. If the customer's existing meter is not capable of satisfying the requirements to participate on this Schedule, such meter shall be installed by SCE at the customer's expense prior to interconnection to SCE's electric system.
 - b. If SCE determines that dual metering is required for the purposes set forth herein, such customer shall consent to, and pay all costs associated with the installation of dual metering, prior to interconnecting to SCE's electrical system.
3. Grandfathered Fuel Cell Electrical Generating Facilities:

A customer with an Eligible Fuel Cell Electrical Generating Facility that has commenced operation on or before January 1, 2014, and is currently receiving service under this Schedule, shall remain eligible to receive service under this Schedule for the duration of the operating life of the Eligible Fuel Cell Electrical Generating Facility.

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Sheet 4

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BILLING (Continued)

4. Billing:

- a. With each monthly bill, SCE shall provide the customer with information on both the energy supplied by SCE, and energy generated by the NEM Eligible Generator(s) and exported into SCE's system, as calculated in each TOU period, over the applicable Relevant Period. For CCA Service Customers, the CCA is responsible for providing SCE the billing CCA generation charges or credits applicable to NEM CCA Service customer-generators. Such monthly bill(s) shall include accumulated net kWh exported, along with the corresponding value of the generation credit, and/or accumulated net kWh consumed, along with the corresponding generation component of the energy charge for each TOU period, over the applicable Relevant Period. All charges except the generation component of the energy charge shall be due and payable monthly, in accordance to SCE's normal monthly billing cycle for all accounts served on this Schedule.

If interval meters are employed, the total energy of the aggregated intervals over a billing period is valued in each TOU period separately, before offsetting generation component of the energy charges with generation energy credits.

- b. At the end of each Relevant Period, as defined in Special Condition 6.e, SCE shall proceed as follows:
1. SCE will present the customer with their annual Relevant Period bill, which will include the current month's charges in addition to any outstanding accumulated Relevant Period generation component of the energy charges and shall be due and payable in accordance to SCE's normal billing cycle.
 2. Where a customer's value of generation component of the energy credits exceeds its generation energy charges, in any TOU period, as calculated in the RATES Section of this Schedule, such excess generation credits will be applied to any remaining generation component of the charges in other TOU periods. If generation energy credits still remain at the end of the Relevant Period, the customer shall neither be monetarily compensated for such credits, nor shall these credits be carried forward to the next Relevant Period.
 3. Any remaining generation credits, and/or unused generation kWh for qualified Load Aggregation TOU service accounts, after Special Condition 4.b.2 above (T) has been applied, shall be zeroed out without compensation to the customer and a new Relevant Period shall commence.

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BILLING (Continued)

4. Billing: (Continued)

4. For CCA Service Customers, the CCA shall complete an annual true up of all generation charges and credits calculated monthly, consistent with the provisions set forth under this schedule. Credits and charges related to the CCA's generation services shall be based on the information provided by the CCA to SCE. Any net balance related to generation charges that are collected from an eligible NEM CCA Service customer-generator will be paid annually by SCE to the CCA as set forth in Rule 23, Section Q, which describes the payment and collection terms between SCE and a CCA Service Customer. The charges or credits resulting from a CCA's generation services shall not be co-mingled with charges or credits resulting from services provided by the SCE.

- c. If a customer terminates service under this Schedule prior to the end of the Relevant Period, SCE shall reconcile the customer's consumption and production of electricity and bill the customer for positive Net Energy charges, if any, as provided in Special Condition 4.b. An eligible customer-generator switching from CCA Service to Bundled Service or from Bundled Service to CCA Service during the Relevant Period shall be deemed as terminating service under this Schedule prior to the end of the Relevant Period, and SCE shall reconcile the customer's consumption and production of electricity and bill the customer for positive Net Energy charges, if any, as provided in Special Condition 4.b. Upon switching, the customer shall begin a new Relevant Period. (T)

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Sheet 6

(Continued)

SPECIAL CONDITIONS (Continued)

- 5. Customers with a Multiple Tariff Generating Facility: Where a customer utilizes a Multiple Tariff Generating Facility (defined in Special Condition 6.f), the applicable provisions of this Special Condition (5) shall apply. Additionally, where this Special Condition conflicts with any other Special Condition within this Schedule, the provisions contained in Special Condition 5 shall prevail.
 - a. A customer utilizing a Multiple Tariff Generating Facility consisting of all NEM Eligible Generators, where at least one Generator served under this Schedule shall adhere to the following:
 - 1. Where a customer chooses not to install separate Net Generation Output Metering (NGOM) on each group of NEM Eligible Generators (as defined in Special Condition 6.g), all energy exported to SCE's system from any group of NEM Eligible Generators shall receive only the generation components (URG and DWR) of the energy credits of the customer's OAT. The NEM credits will not include any portion of the Delivery Service energy rate components, or any other component of the customer's OAT, unless separate NGOMs are installed on each group of NEM Eligible Generators.
 - 2. Where a customer chooses to install NGOM on a group of NEM Eligible Generators, the NGOM must conform to the requirements set forth in SCE's Rule 21, Section J. The total energy exported to SCE's system, as determined at the point of common coupling meter (SCE billing meter) will be allocated to each group based on its NGOM reading to the total of all NGOM readings. As an example, if the SCE billing meter registered 900 kWh of energy exported to SCE'S system, and during that same time period a group of NEM Eligible Generators (group 1) had an NGOM registration of 2,000 kWh, while another group of NEM Eligible Generators (group 2) had an NGOM registration of 4,000 kWh, then group 1 would be allocated 300 kWh and group 2 would be allocated 600 kWh, for NEM crediting purposes. (T)

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Schedule FC-NEM
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Sheet 7

(Continued)

SPECIAL CONDITIONS (Continued)

5. Customers with a Multiple Tariff Generating Facility: (Continued)

b. A customer with a Multiple Tariff Generating Facility consisting of one or more NEM Eligible Generators served under this Schedule, and one or more Non-NEM Eligible Generators (defined in Special Condition 6.h), shall adhere to the following:

1. Where all Non-NEM Eligible Generators have a non-export relay (Reverse or minimum power protection) per tariff Rule 21, Section G.1.i, Screen 1 (Options 1 or 2), thus assuring no export to SCE's system from any Non-NEM Eligible Generator, the customer is not required to install NGOM on their NEM Eligible Generators. However, where a customer's Multiple Tariff Generating Facility includes more than one group of NEM Eligible Generators, NGOM in accordance with Special Condition 5.a.2 above, must be installed on each group of NEM Eligible Generators to determine what percentage of the measured excess energy exported to SCE's system will receive NEM energy credits at the full bundled rate (Delivery Service plus Generation) and what percentage of the measured excess energy exported to SCE's system will receive NEM generation energy credits at the generation rate components only (URG and DWR). Otherwise, unallocated NEM-eligible excess energy exported to SCE's grid will be subject to Special Condition 5.a.1 above. (T)
2. Where one or more of the customer's Non-NEM Eligible Generators does not have a non-export relay, and where each group of NEM Eligible Generators does not have NGOM installed in accordance with Special Condition 5.a.2 above, NEM energy credits will only be applicable on the groups of NEM Eligible Generators that do have NGOMs.
3. The value of energy credit will be applied consistent with the appropriate NEM tariff as follows:
 - I. First, apply BG-NEM generation rate component credits (if any) to generation rate component charges on any aggregated account served by the Generating Facility.
 - II. Second, apply any remaining BG-NEM credits from (I) above and FC-NEM generation rate component credits (if any), and Wind NEM (>50 kW) generation rate component credits (if any) to the remainder of generation rate component charges on the account served by the Generating Facility.
 - III. Third, apply Renewable Generating Facility energy (generation and delivery service rate component) credits to energy charges of the accounts that are served by the Generating Facility.
4. For purposes of tariff administration, other metering configurations may be allowed at SCE's discretion.

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SPECIAL CONDITIONS (Continued)

5. Customers with a Multiple Tariff Generating Facility: (Continued)

b. A customer with a Multiple Tariff Generating Facility consisting of one or more NEM Eligible Generators served under this Schedule, and one or more Non-NEM Eligible Generators (defined in Special Condition 6.h), shall adhere to the following:

1. Where all Non-NEM Eligible Generators have a non-export relay (Reverse or minimum power protection) per tariff Rule 21, Section 1.3.b, Screen 2 (Options 1 or 2), thus assuring no export to SCE's system from any Non-NEM Eligible Generator, the customer is not required to install NGOM on their NEM Eligible Generators. However, where a customer's Multiple Tariff Generating Facility includes more than one group of NEM Eligible Generators, NGOM in accordance with Special Condition 5.a.2 above, must be installed on each group of NEM Eligible Generators to determine what percentage of the measured excess energy exported to SCE's system will receive NEM energy credits at the full bundled rate (Delivery Service plus Generation) and what percentage of the measured excess energy exported to SCE's system will receive NEM generation energy credits at the generation rate components only (URG and DWR). Otherwise, unallocated NEM-eligible excess energy exported to SCE's grid will be subject to Special Condition 5.a.1 above.
2. Where one or more of the customer's Non-NEM Eligible Generators does not have a non-export relay, and where each group of NEM Eligible Generators does not have NGOM installed in accordance with Special Condition 5.a.2 above, NEM energy credits will only be applicable on the groups of NEM Eligible Generators that do have NGOMs.
3. The value of energy credit will be applied consistent with the appropriate NEM tariff as follows:
 - I. First, apply BG-NEM generation rate component credits (if any) to generation rate component charges on any aggregated account served by the Generating Facility.
 - II. Second, apply any remaining BG-NEM credits from (I) above and FC-NEM generation rate component credits (if any), and Wind NEM (>50 kW) generation rate component credits (if any) to the remainder of generation rate component charges on the account served by the Generating Facility.
 - III. Third, apply Renewable Generating Facility energy (generation and delivery service rate component) credits to energy charges of the accounts that are served by the Generating Facility. (T)
4. For purposes of tariff administration, other metering configurations may be allowed at SCE's discretion.

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Sheet 8

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SPECIAL CONDITIONS (Continued)

6. Definitions: The following definitions are applicable to service provided under this Schedule.

- a. Eligible Fuel Cell Electrical Generating Facility: A generating facility that includes the following:
 - 1. Integrated power plant systems containing a stack, tubular array, or other functionally similar configuration used to electrochemically convert fuel to electric energy.
 - 2. An inverter and fuel processing system where necessary.
 - 3. Other plant equipment, including heat recovery equipment, necessary to support the power plant's operation or its energy conversion.

b. Date of Parallel Operation: The date SCE provides the customer with SCE's written approval to commence parallel operation of the Generating Facility for purposes of participating on this Schedule.

c. Net Energy: The difference between the electric energy supplied and/or delivered through SCE, and the electric energy produced by the customer and exported into SCE's electric system, measured over the Relevant Period. Thus, where E_S is energy supplied and/or delivered by SCE, and E_F is energy generated by the customer and exported into SCE's system:

$$\text{Net Energy} = E_S \text{ minus } E_F$$

d. Otherwise Applicable Tariff (OAT): The customer's regular filed rate schedule under which service is rendered.

e. Relevant Period: A twelve-month period, or portion thereof, commencing on the anniversary Date of Parallel Operation of the customer's NEM Eligible generator with SCE's electric system and on every subsequent anniversary thereof. If an eligible customer-generator terminates service, or experiences a change from Bundled Service to CCA Service or from CCA Service to Bundled Service prior to the end of the 12-month period, the Relevant Period will consist of that period from the anniversary date until the effective date of the termination or change in service.. (T)

f. Multiple Tariff Generating Facility: A generating facility consisting of one or more NEM Eligible Generators served under this Schedule and one or more NEM Eligible Generators eligible for service under Schedule NEM and/or Schedule BG-NEM, or consisting of one or more NEM Eligible Generators served under this Schedule, and one or more Non-NEM Eligible Generators.

g. NEM Eligible Generator: A Renewable Electrical Generating Facility, a facility served under Schedule FC-NEM, or a facility served under Schedule BG-NEM, where the total nameplate generating capacity at a single Premise does not exceed 1 MW, except that one or more biogas digester electrical generators, each with a nameplate generating capacity greater than 1 MW, but no greater than 10 MW, may be defined as an NEM Eligible Generator if such generator meets the applicable provisions of PU Code 2827.9(b)(2)(A&B). (T)

h. Non-NEM Eligible Generator: An electrical generator that does not meet the definition of Special Condition 6.g above.

i. Group of NEM-Eligible generators: Generators meeting the definition of Special Condition 6.g above qualifying under the same NEM tariff provisions. Thus, the Renewable Generating Facilities would form one group, biogas generators without aggregated accounts and fuel cell generators would form a second group and biogas generators with aggregated accounts would form a third group. (T)

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