



Schedule NEM-ST
NET ENERGY METERING
SUCCESSOR TARIFF

Sheet 1

APPLICABILITY

This Schedule is applicable to Eligible Customer-Generators (Customers) served on time-of-use (TOU) rates who elect to install a Renewable Electrical Generating Facility(ies) (Generating Facility(ies)) pursuant to California Public Utilities (PU) Code Section 2827.1 and California Public Utilities Commission (Commission) Decision (D.)16-01-044, subject to the additional terms and conditions contained herein and any other applicable state or federal laws. Customers who are receiving service on this Schedule, or who have submitted all documentation necessary to receive service on this Schedule, are subject to the grandfathering provisions pursuant to Special Condition 8 below.

Customers who participate in Direct Access (DA), Community Choice Aggregation (CCA) or Community Aggregation (CA) Service are eligible for service under this Schedule consistent with the NEM services that SCE provides to its Bundled Service Customers, except as otherwise provided herein, provided the Customer's Electric Service Provider (ESP), Community Choice Aggregator or Community Aggregator offers a NEM tariff or program consistent with the provisions of this Schedule. DA, CCA or CA Service Customers must look to their ESP, Community Choice Aggregator or Community Aggregator for NEM services related to the generation charges and credits that result from receiving service under this Schedule.

This Schedule is also applicable to (a) eligible Customers who elect to participate in NEM Aggregation (NEM-A) (see Special Condition 5 below), (b) Customers who install eligible NEM-Paired Storage Systems (see Special Condition 6 below), or (c) Customers whose Generating Facility(ies) meets the definition of a Multiple Tariff Generating Facility (see Special Condition 7 below).

(D)

TERRITORY

Within the entire territory served.

(Continued)

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Sheet 2

(Continued)

RATES

All terms and conditions of the Customer's Otherwise Applicable Tariff (OAT) apply, except as provided below.

1. Mandatory TOU Rates.

- a. To be an Eligible Customer-Generator, the Customer must receive service on a TOU rate schedule (which is then considered the Customer's OAT for the purpose of this Schedule), with no exceptions and no option to opt-out to an underlying rate option that is not time differentiated, at the time the Customer begins service on this Schedule, except as provided in 1.e below.
- b. The default TOU rate for Residential Customers taking service under this Schedule is Schedule TOU-D, Option 4 to 9 p.m., though Residential Customers may elect another TOU rate option for which they are eligible. (T)
- c. Residential Customers who are served under this Schedule or who submit all documentation necessary to receive service under this Schedule prior to the implementation of default Residential TOU rates in SCE's service territory (expected to be in 2019, subject to Commission direction) have the option to stay on the TOU rate that they are served on at that time for a period of five years from the date the Customer commenced service on that TOU rate.
- d. Any Residential Customer who submits all necessary documentation for service under this Schedule after default Residential TOU rates have been implemented in SCE's service territory (expected to be in 2019, subject to Commission direction) shall be put on the appropriate default TOU rate as a condition of receiving service under this Schedule. Such Customers may opt out of their default TOU rate, but must switch to another available TOU rate for which they are eligible in order to continue receiving service under this Schedule.
- e. Residential Customers for whom an eligible TOU rate option does not exist (e.g., including but not necessarily limited to customers served on Schedules DM, DMS-1, DMS-2 and DMS-3) are eligible for service on this Schedule while on a non-TOU rate but must begin receiving service on a TOU rate option for which they are eligible as soon as one becomes available in order to continue receiving service on this Schedule.

(Continued)

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 2C12 18-11-027

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President

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Schedule NEM-ST
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(Continued)

RATES (continued)

2. Nonbypassable Charges (NBCs).

For the purpose of this Schedule only, NBCs include the following rate components, as provided in the Customer's OAT: (1) Public Purpose Programs Charge (PPPC), (2) Nuclear Decommissioning Charge (NDC), (3) Competition Transition Charge (CTC), and (4) Department of Water Resources (DWR) Bond Charge.

As determined in each billing period, a Customer is responsible for NBCs, assessed on a \$-per-kilowatt-hour (kWh) basis using the NBC factors contained in the Customer's OAT, for each kWh of electricity that is consumed/imported from the grid net of exports (i.e., net consumption) in each metered interval (e.g., one hour or 15-minute). For example, if a Customer consumes/imports 5 kWh from the grid in a metered interval and exports 3 kWh to the grid in that same metered interval, the Customer is assessed NBCs on 2 kWh for that metered interval. If a Customer consumes/imports 2 kWh from the grid in a metered interval and exports 3 kWh in that same metered interval, the Customer is assessed NBCs on 0 kWh for that metered interval since there was no net consumption from the grid in that metered interval.

For DA, CCA or CA Service Customers, the CTC and DWR Bond NBC components are based on the factors contained in Schedules DA-CRS and CCA-CRS, as applicable, and the PPPC and NDC NBC components are based on the factors contained within the Customer's OAT. NBCs are assessed on a \$-per kWh basis for each kWh of electricity that is consumed/imported from the grid net of exports (i.e., net consumption) in each metered interval (e.g., one hour or 15-minute).

NEM-A aggregated accounts are assessed NBCs on a \$-per-kWh basis for each kWh of electricity that is consumed/imported from the grid in each metered interval.

For Residential Customers, the assessed NBCs will be used in the Minimum Charge calculation consistent with how these components are used in the Minimum Charge calculation for non-NEM Residential customers.

Customers who receive service on California Alternate Rates for Energy (CARE) or who receive a Medical Baseline Exemption are currently exempt from the DWR Bond Charge. Therefore, the DWR Bond Charge component of the NBCs for these Customers under this Schedule is \$0.00/kWh.

(Continued)

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Sheet 4

(Continued)

RATES (continued)

3. Monthly Energy (kWh) Charges and Credits.

As determined in each billing period, when a Customer is a net consumer of energy, E_s is greater than E_f , where E_s is energy supplied by SCE and E_f is energy generated by the Customer's Generating Facility and exported onto SCE's electrical system, the resulting net consumed energy will be used in the calculation of all applicable energy charges, with the exception of the NBCs as outlined above, calculated by (1) multiplying the Customer's net consumed kWh by the applicable energy rate components of the Customer's OAT, in each TOU period, for Bundled Service Customers, or (2)(a) multiplying the Customer's net consumed kWh by the applicable Delivery Service rate components of the Customer's OAT, in each TOU period, and (b) multiplying the Customer's net consumed kWh by the applicable Cost Responsibility Surcharge (CRS) rate components (e.g., PCIA) of Schedules DA-CRS or CCA-CRS that are not defined as NBCs above, in each TOU period, for DA, CCA or CA Service Customers. The Customer's ESP or Community Choice Aggregator/Community Aggregator is responsible for providing the generation-related energy charges. NBCs, as defined above, are not included as part of these calculations.

As determined in each billing period, when a Customer is a net producer of energy, E_f is greater than E_s , the resulting net produced energy will be used in the calculation of energy credits, calculated by (1) multiplying the Customer's net produced kWh by the applicable energy rate components of the Customer's OAT, in each TOU period, for Bundled Service Customers (though in no case can the calculation and application of these energy credits result in the reduction of the NBCs owed by the Customer), or (2)(a) multiplying the Customer's net produced kWh by the applicable Delivery Service rate components of the Customer's OAT, in each TOU period, and (b) multiplying the Customer's net produced kWh by the applicable CRS rate components (e.g., PCIA) of Schedules DA-CRS or CCA-CRS that are not defined as NBCs above, in each TOU period, for DA, CCA or CA Service Customers (though in no case can the calculation and application of these energy credits result in the reduction of the NBCs owed by the Customer). The Customer's ESP or Community Choice Aggregator/Community Aggregator is responsible for providing the generation-related energy credits. NBCs, as defined above, are not included as part of these calculations.

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Schedule NEM-ST
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RATES (continued)

4. Net Surplus Compensation (NSC).

Net Surplus Compensation (NSC) is equal to the Net Surplus Compensation Rate (NSCR) multiplied by Net Surplus Energy. To calculate NSC, the kWh of Net Surplus Energy are multiplied by the NSCR. The NSCR is based on the default load aggregation point (DLAP) price, and is equal to the simple rolling average of SCE hourly \$-per-kWh prices from the Hour Ending 08 through the Hour Ending 17 (7 a.m. to 5 p.m.) for each day of the 12-month period corresponding to the Customer's 12-month Relevant Period. The rolling average is calculated on a monthly basis to be effective the first of each month and is applied to all Customers with a Relevant Period ending in that month. SCE uses a full 12 months (365 days, or 366 days for leap years) of DLAP prices, as published on the California Independent System Operator (California ISO) Open Access Same-time Information System (OASIS), ending the twentieth (20th) day of each month. SCE then calculates the NSCR within five days of the first of the month to allow the California ISO to finalize the day-ahead DLAP prices. The NSCR is applied to all eligible Net Surplus Generators, irrespective of their rate class. The NSCR is posted on SCE's website and updated monthly. See Special Condition 4.i below for specific terms and provisions regarding NSC. (T)

NSC Renewable Attribute Adder (RAA)

Pursuant to D.11-06-016, SCE will include a Renewable Attribute Adder (RAA) with the NSC rate if the eligible Customer or the Customer's aggregator provides a completed Form 14-935 (see Special Condition 4.i.v below) verifying that the Customer: (1) has registered the Generating Facility at the Western Renewable Energy Generation Information System (WREGIS); (2) has obtained Renewables Portfolio Standard (RPS) ownership certification from the California Energy Commission (CEC) for the Customer's Net Surplus Energy and provides this certification to SCE; and (3) allows for the ownership of the Renewable Energy Credits (RECs) associated with the Customer's Net Surplus Energy to be transferred to SCE. For details on the CEC and WREGIS certification process, refer to the CEC's RPS Eligibility Guidebook, which can be found at: <http://www.energy.ca.gov/renewables/documents/#rps>. (T)

The RAA will be calculated using the most recent Western Electricity Coordinating Council (WECC) average renewable premium, based on United States Department of Energy (DOE) published data. The RAA will only be paid to those Net Surplus Generators who provide RECs to SCE.

Value of RECs = Net Surplus kWh x RAA.

The RAA will be updated annually and is available at:
<https://www.sce.com/wps/portal/home/regulatory/tariff-books/rates-pricingchoices/renewable-energy-credit>.

At the conclusion of each Relevant Period, the eligible Customer will notify SCE that the Customer has transferred the RECs associated with the Net Surplus Energy in WREGIS by completing Form 14-935 and will send the CEC RPS certificate with the form to SCE.

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 (Continued)

Sheet 6

RATES (continued)

5. Standby and Customer Generation Departing Load Charges.

No additional Standby or Customer Generation Departing Load charges are currently applicable to Customers served under this Schedule, as provided in SCE's Standby and Customer Generation Departing Load tariffs.

6. NEM-A Billing Services Charges.

NEM-A Customers served pursuant to Special Condition 5 below are subject to the following additional billing services charges:

Manually Billed Accounts – (N)

a. Account Set-Up Fee: \$25.00 per account in the NEM-A arrangement. Any account added to an NEM-A arrangement is subject to this one-time fee. (D)

b. Monthly Billing Fee: \$20.00 per month per account in the NEM-A arrangement. (I)

Automated Billed Accounts – (N)

a. Account Set-Up Fee: \$16.00 per account in the NEM-A arrangement. Any account added to an NEM-A arrangement is subject to this one-time fee. |

b. Monthly Billing Fee: \$2.70 per month per account in the NEM-A arrangement. | (N)

(Continued)

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Schedule NEM-ST
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Sheet 7

(Continued)

SPECIAL CONDITIONS

1. Definitions: Except as otherwise defined in SCE's Electric Rule 1, capitalized terms utilized in the context of this Schedule are defined below and applicable to Customers receiving service under this Schedule.

a. Eligible Customer-Generator (Customer).

i. A Residential, Small Commercial, commercial, industrial, agricultural, pumping or metered lighting customer served on a TOU rate who uses a Generating Facility, or a combination of those facilities, that is (A) located on the Customer's Premises, (B) interconnected and operates in parallel with SCE's electric system, and (C) intended primarily to offset part or all of the Customer's own electrical requirements.

(D)

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Schedule NEM-ST
NET ENERGY METERING
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Sheet 8 (T)

(Continued)

SPECIAL CONDITIONS (continued)

1. Definitions. (continued)

b. Renewable Electrical Generating Facility (Generating Facility).

- i. A facility that generates electricity from a renewable source listed below pursuant to paragraph (1) of subdivision (a) of Section 25741 of the Public Resources Code. These renewable sources are further defined in the CEC's RPS Guidebook.ⁱ

Biomass, solar thermal, photovoltaic, wind, geothermal, fuel cells using renewable fuels, small hydroelectric generation, digester gas, municipal solid waste conversion, landfill gas, ocean wave, ocean thermal, or tidal current (Renewable Generator), and any additions or enhancements to the facility using that technology.

For certain technologies, Customers are required to sign an affidavit (Form 14-912) certifying that they are an Eligible Customer-Generator. Specifically, a Customer using municipal solid waste conversion, fuel cells using renewable fuel, or small hydroelectric generation will need to certify that the following technology specific criteria have been met:

- A. For purposes of this Schedule, qualifying "municipal solid waste conversion" is as defined in Public Resources Code Section 25741(b).
- B. For purposes of qualifying as a "fuel cell using renewable fuels" under this Schedule, the Customer's fuel cell must be powered solely with renewable fuel.
- C. For purposes of qualifying as a "small hydroelectric generation facility" under this Schedule, the Customer must certify that the facility will neither cause an adverse impact on instream beneficial uses nor cause a change in the volume or timing of streamflow.

- ii. To be eligible for service under this Schedule, Generating Facilities 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, rules of the Commission regarding safety and reliability (i.e., SCE's Electric Rule 21). All Generating Facilities must have a warranty of at least 10 years for all equipment and the associated installation from the system provider (not from SCE).ⁱⁱ Additionally, for Customers installing solar Generating Facilities, all major solar system components (including PV panels and other generation equipment, inverters and meters) must be on the verified equipment list maintained by the CEC. For all Generating Facilities, any other equipment, as determined by SCE, must be verified as having safety certification from a Nationally Recognized Testing Laboratory (NRTL).

ⁱ RPS Eligibility Guidebook: <http://www.energy.ca.gov/renewables/documents/#rps>.

ⁱⁱ Warranties or service agreements conforming to requirements applicable to the Self-Generation Incentive Program (SGIP) may be used for technologies eligible for the SGIP. In appropriate circumstances conforming to industry practice, this requirement may also rely on and be satisfied by manufacturers' warranties for equipment and separate contractors' warranties for workmanship (i.e., installation).

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Schedule NEM-ST
NET ENERGY METERING
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Sheet 9 (T)

(Continued)

SPECIAL CONDITIONS (continued)

1. Definitions. (continued)

b. Renewable Electrical Generating Facility (Generating Facility). (continued)

iii. Sizing. Customer's Generating Facilities must meet the sizing requirements outlined below in order to be eligible for service under this Schedule.

A. Sizing to Load Requirement: To be eligible for NEM, a Generating Facility must be sized to offset part or all of the Customer's own electrical requirements, and may not be oversized. This means that the estimated output of the Generating Facility, using the CEC-AC Nameplate rating for inverter-based Generating Facilities and the applicable technology-specific capacity factor as specified in SCE's NEM Interconnection Handbook, must not exceed the Customer's previous annual usage (in kWh), unless additional load verification or acknowledgment is provided to SCE, as required by SCE (this also applies where the Customer has less than 12 months of previous recorded usage data). For non-inverter-based Generating Facilities, this calculation is based on the AC nameplate rating of the Generating Facility.

B. Capacity: Except for the sized-to-load requirement specified above (and as provided in Special Conditions 1.a.ii and 1.a.iii above), there is no limit on the capacity of a Generating Facility served under this Schedule. However, primarily for the purposes of interconnection, cost responsibility (as outlined in SCE's Electric Rule 21) and NSC eligibility (as outlined in Special Condition 4.i below), certain provisions apply differently to Generating Facilities served under this Schedule depending on whether they have a capacity of (1) 1 MW or less or (2) greater than 1 MW. Both the CEC-AC rating, as applicable, and the aggregate inverter capacity must not be greater than 1 MW for a Generating Facility to be considered 1 MW and smaller. For Generating Facilities utilizing fuel cell technology, to be considered as a 1 MW or smaller Generating Facility, the total Generating Facility capacity must not exceed 1 MW CEC-AC Nameplate rating and the lesser of (1) 1 MW aggregate inverter capacity or (2) 1 MW aggregate fuel cell gross nameplate capacity.

c. NEM Eligible Generator. A Generating Facility (served under either this Schedule or Schedule NEM), or a generating facility served under Schedule FC-NEM or Schedule BG-NEM.

d. Group of NEM Eligible Generators. Generators qualifying for NEM service under the same NEM tariff provisions. Thus, Generating Facilities served under this Schedule would form one group, Generating Facilities served under Schedule NEM would form another group, biogas generators and fuel cell generators served under Schedules BG-NEM or FC-NEM without aggregated accounts would form a third group, and biogas generators and fuel cell generators served under Schedules BG-NEM or FC-NEM with aggregated accounts would form a fourth group.

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NET ENERGY METERING
SUCCESSOR TARIFF

Sheet 10 (T)

(Continued)

SPECIAL CONDITIONS (continued)

1. Definitions. (continued)

- e. **Non-NEM Eligible Generator.** An electrical generator that does not meet the definition of a Generating Facility in this Schedule or Schedule NEM, and/or an electrical generator that does meet the definition of an eligible generating facility in Schedules BG-NEM or FC-NEM.
- 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 served under Schedules NEM, BG-NEM and/or FC-NEM, or consisting of one or more NEM Eligible Generators served under this Schedule and one or more Non-NEM Eligible Generators.
- g. **NEM-Paired Storage System.** A Generating Facility that includes a Renewable Generator(s) and an Integrated or Directly Connected Energy Storage Device(s) behind the same SCE revenue meter and/or Service Account. Integrated or Directly Connected Energy Storage Devices are considered an addition or enhancement to the Renewable Generator and not a separate generating facility for the purposes of applying the cost exemptions specified in Special Condition 6 below when interconnecting at the same time as the Renewable Generator.

An energy storage device shall be considered an addition or enhancement to the Renewable Generator if the energy storage device is either:

- i. Integrated into the Generating Facility, such that the energy storage device is capable of storing only energy produced by the Renewable Generator, either as an intermediary form of energy during the generation cycle or after electricity has been generated (Integrated Energy Storage Device); or,
- ii. Directly connected to the Generating Facility, such that electricity is delivered from the Renewable Generator to the energy storage device behind the meter used for RPS purposes and any electricity from a source other than the Renewable Generator is included as an energy input to the Generating Facility; the energy storage device must be operated as part of the Generating Facility represented in the application and not in conjunction with any other facility, renewable or otherwise (Directly Connected Energy Storage Device). As such, a Directly Connected Energy Storage Device is not required to be charged exclusively from the Renewable Generator and may also be charged from the grid.
- h. **Large NEM-Paired Storage System:** A NEM-Paired Storage System where the Integrated or Directly Connected Energy Storage Device(s) is sized larger than 10 kW (AC) (i.e., maximum aggregate discharge capacity) and that meets the applicable sizing and metering requirements included in Special Condition 6 below.
- i. **Small NEM-Paired Storage System:** A NEM-Paired Storage System where the Integrated or Directly Connected Energy Storage Device(s) is sized 10 kW (AC) or smaller (i.e., maximum aggregate discharge capacity) and that meets the applicable sizing and metering requirements included in Special Condition 6 below.

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Schedule NEM-ST
NET ENERGY METERING
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(Continued)

SPECIAL CONDITIONS (continued)

1. Definitions. (continued)

j. Relevant Period.

- i. A twelve-month period, or portion thereof, commencing on the anniversary Date of Parallel Operation of the Customer's Generating Facility to SCE's electric system and on every subsequent anniversary thereof. For Customers electing to receive service under this Schedule for a Generating Facility that is already interconnected to SCE's electrical system, the Relevant Period will commence on the date that the Customer begins receiving service under this Schedule and on every subsequent anniversary thereof. If a Customer terminates service, or experiences a change from SCE Bundled Service to CCA/CA Service or DA Service or from CCA/CA Service or DA Service to SCE 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.
- ii. The initial Relevant Period of an aggregated account added to an NEM-A arrangement, pursuant to Special Condition 5 below, during an arrangement's ongoing Relevant Period may be less than 12 months to align with the other accounts in the NEM-A arrangement.
- iii. Customers may elect to change the start date of their Relevant Period on a one-time prospective basis by completing and returning Form 14-936, *NEM One-Time Relevant Period Change Request Form*, or Form 16-345, *Net Energy Metering Billing Option Change Request and One-Time Relevant Period Selection Form for Residential and Small Commercial Customers*, to SCE. SCE must receive this form at least 60 days prior to the requested start date of the new Relevant Period. When the start date change is effectuated, it will cause a shortened existing Relevant Period and the new 12-month Relevant Period will begin. In no case will a Relevant Period extend beyond 12 months.

k. Date of Parallel Operation. The date that SCE provides the Customer with SCE's written approval (e.g., the Permission to Operate (PTO) notice) to commence parallel operation of the Generating Facility.

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Schedule NEM-ST
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Sheet 12 (T)

(Continued)

SPECIAL CONDITIONS (continued)

1. Definitions. (continued)

- l. Net Energy. The difference between the electric energy supplied and/or delivered through SCE, and the electric energy produced by the Customer's Generating Facility and exported into SCE's electric system, measured over the Relevant Period.

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

- m. Net Surplus Energy. All electricity generated by a Customer's Generating Facility that is exported to SCE's grid measured in kWh over the Relevant Period that exceeds the amount of electricity consumed by that Customer.ⁱ
- n. Net Surplus Generator. A Customer using a Generating Facility that generates and exports to SCE's grid more electricity (in kWh) during a Relevant Period than is supplied by SCE to the Customer during that same Relevant Period.
- o. Otherwise Applicable Tariff (OAT). The Customer's regularly filed TOU rate schedule under which service is rendered.

2. Required Application and Contracts for Interconnection.

- a. All Customers must submit an online *Net Energy Metering (NEM) Generating Facility Interconnection Application* (Form 14-957), along with any applicable fees as specified in SCE's Electric Rule 21, and an executed CPUC-jurisdictional NEM Interconnection Agreement prior to receiving service under this Schedule. Additional forms may be required depending on (1) the type of Generating Facility being installed and (2) the requirements of any specific provisions of this Schedule under which the Customer is electing to be served. The following table outlines the various Interconnection Agreements and forms that may be applicable to Customers requesting service under this Schedule.

Applicable Interconnection Agreements (IAs)	
Form 14-923	NEM IA for Generating Facilities Sized 10 kW and Smaller
Form 16-344	NEM IA for Generating Facilities Sized 1 MW and Smaller
Form 14-773	NEM Multiple Tariffs (NEM-MT) IA for Generating Facilities Sized 1 MW and Smaller (see Special Condition 7 below)
Form 14-974	NEM IA for Generating Facilities Sized Greater Than 1 MW
Form 14-972	NEM Multiple Tariffs (NEM-MT) IA for Generating Facilities Sized Greater Than 1 MW (see Special Condition 7 below)
Applicable NEM Forms	
Form 14-912	Eligible Customer-Generator Warranty (see Special Condition 1.b.i above)
Form 14-935	NSC RAA Compensation Form (see Special Condition 4.h.v)
Form 14-936	NEM One-Time Relevant Period Change Request Form (see Special Condition 1.j.iii above)
Form 14-937	NEM-A Account Information (see Special Condition 5 below)
Form 16-345	NEM Billing Option Change Request and One-Time Relevant Period Selection Form (see Special Condition 4.b below)

ⁱ kWh subject to forfeit under the NEM-Paired Storage System estimation methodology provisions of Special Condition 6 below are not considered E_F for the purposes of determining Net Surplus Energy.

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Schedule NEM-ST
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(Continued)

SPECIAL CONDITIONS (continued)

2. Required Application and Contracts for Interconnection. (continued)

b. Customers seeking to interconnect their Generating Facilities for the purpose of receiving service under this Schedule are subject to the interconnection requirements and interconnection cost responsibility provisions for NEM-ST Customers as established in SCE's Electric Rule 21. These costs may include interconnection application fees, study costs and/or costs for upgrading the Distribution and/or Transmission Systems, depending on the Customer and the size of the Generating Facility. All Customers are responsible for the costs of any applicable Interconnection Facilities, as defined in SCE's Electric Rule 21.

c. A new Customer of Record or New Party In (NPI) who owns, rents or leases a Premises that includes a Generating Facility with a capacity of 30 kW or less, that was approved by SCE for Parallel Operation prior to the new Customer or NPI moving in and/or taking electric service with SCE will not have to submit a new Interconnection Agreement, will take service under this Schedule as long as the requirements of this Schedule, including Special Condition 8, are met. This provision also applies to Premises where the developer/contractor establishes the interconnection, so that the Customer who buys/rents/leases the Premises will not have to re-submit and sign a new Interconnection Agreement. To be eligible, the new Customer or NPI must (1) ensure that the Generating Facility is compliant with all applicable safety and performance standards as delineated in SCE's Electric Rule 21 and other applicable tariffs; (2) keep in force the amount of property, commercial general liability and/or personal liability insurance the NPI or new Customer had in place at the time it initiated service under this Schedule; and (3) understand that SCE may from time to time release information to the Commission or CEC regarding the new Customer or NPI's Generating Facility, including the NPI or new Customer's name and the location, capacity and operational characteristics of the Generating Facility. SCE will provide the NPI or new Customer with (1) a copy of the Interconnection Agreement in effect and as signed by the previous Customer, which will remain unchanged, (2) a copy of the NEM fact sheet that explains NEM operation and billing, and (3) SCE's website link where information on NEM can be found. A NPI or a new Customer may need to sign an affidavit certifying that it meets the requirement for an Eligible Customer-Generator and is utilizing an eligible Generating Facility pursuant to PU Code Section 2827.1(a).

A new Customer or NPI who owns, rents or leases a Premises that includes a Generating Facility with a capacity above 30 kW will need to sign a new Interconnection Agreement. If no changes are made to the interconnection or Generating Facility, the Interconnection Agreement will have identical terms and conditions as the ones approved for the previous Customer, subject to the provisions of Special Condition 8 below.

(Continued)

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Senior Vice President

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Schedule NEM-ST
NET ENERGY METERING
SUCCESSOR TARIFF

(Continued)

SPECIAL CONDITIONS (continued)

3. Metering Requirements. Metering requirements for Customers served under this Schedule are as follows:

- a. Net Energy shall be metered using a single TOU meter capable of separately registering the flow of energy in two directions, with one channel of the meter registering E_s and a separate channel of the meter registering E_f . If the Customer's existing meter is not a TOU meter capable of separately registering the flow of energy in two directions, an appropriate TOU meter shall be provided at the expense of the Customer. Customers who refuse to allow the installation and use of a TOU meter capable of separately registering the flow of energy in two directions are not eligible for service under this Schedule.
- b. SCE may elect to install an additional meter or meters, at SCE's expense, with the Customer's consent. Such additional metering shall be used only to provide the information necessary to accurately bill or credit the Customer. Where additional meters are required to accurately bill and/or credit the Customer, if authorization is not granted by the Customer, SCE shall have the right to refuse interconnection.
- c. For NEM-A accounts receiving service pursuant to Special Condition 5 below, the account directly interconnected to the Generating Facility must have a single meter that is capable of separately registering the flow of energy in two directions in 15-minute intervals. If the Customer's existing meter is not capable of separately registering the flow of energy in two directions at the 15-minute interval level or if the Customer's existing meter is unable to separately register the amount of energy exported to the grid by the Generating Facility, an appropriate meter shall be provided at the Customer's expense. All other NEM-A aggregated accounts must have a standard SCE TOU billing meter capable of registering the flow of energy (E_s) in 15-minute intervals.
- d. The specific metering requirements for Customers using a NEM-Paired Storage System or a Multiple Tariff Generating Facility are provided in Special Conditions 6 and 7, respectively, below.

(Continued)

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Schedule NEM-ST
NET ENERGY METERING
SUCCESSOR TARIFF

(Continued)

SPECIAL CONDITIONS (continued)

4. Billing. The following billing processes apply to Customers served under this Schedule.
 - a. SCE will provide all Customers with net energy consumption information and/or net generation information with each monthly bill, on which the Customer's monthly NEM energy charges and credits that are subject to true-up are billed – regardless of whether the customer is responsible for paying these charges on a monthly or annual basis (see Special Condition 4.b below).
 - b. For all Customers who meet the definition of a Residential or Small Commercial Customer, the monthly valued (in \$) NEM energy-related charges and credits are accumulated until the end of a Relevant Period. This is referred to as the Annual Billing Option (ABO), and is the default billing option for Residential and Small Commercial Customers. However, upon a Customer's request, SCE shall permit a Residential or Small Commercial Customer to be billed pursuant to the MBO described below. The request must be made by the Customer upon initiation of service under this Schedule or upon written notice to SCE using Form 16-345 no later than thirty (30) days prior to the end of a Relevant Period, whichever applies. For all Customers who do not meet the definition of a Residential or Small Commercial Customer, and for those customers participating in NEM Aggregation, it is mandatory to pay all applicable charges, both energy and non-energy related, on a monthly basis, in accordance with the Customer's OAT. This is referred to as the Monthly Billing Option (MBO), and is the only billing option available to Customers who do not meet the definition of a Residential or Small Commercial Customer or those participating in NEM Aggregation.
 - c. For all Customers served under this Schedule, the value (in \$) of NEM energy credits will be used to offset other TOU periods' and/or other billing periods' NEM energy related charges (in \$) when they exist. However, at no time will NEM energy credits (in \$) be applied towards any NBCs and/or non-energy related charges, and such NEM credits (in \$) cannot be carried over to a new Relevant Period.
 - d. The energy charges and credits for Customers utilizing NEM-Paired Storage Systems are billed in accordance with the provisions of Special Condition 6 below.

(Continued)

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Schedule NEM-ST
NET ENERGY METERING
SUCCESSOR TARIFF

(Continued)

SPECIAL CONDITIONS (continued)

4. Billing. (continued)

e. At the end of each Relevant Period, SCE shall proceed as follows:

i. For all Customers who meet the definition of a Residential or Small Commercial Customer who did not elect the MBO, SCE will subtract all monthly valued accrued energy credits from all accrued energy charges. If this calculation results in monies owed to SCE, such energy charges shall be due and payable in accordance with the Customer's OAT. However, if this calculation results in an excess energy credit, SCE shall neither pay the Customer for any unused energy credit nor carry forward any unused energy credit. The unused energy credit shall be zeroed out and a new Relevant Period shall commence. Eligible Customers electing NSC as provided in Special Condition 4.i below will be compensated as outlined therein pursuant to the Rates section of this Schedule. Additionally, Special Condition 4.j may apply to Residential Customers.

ii. For all Customers who do not meet the definition of a Residential or Small Commercial Customer, and all Residential and Small Commercial Customers who elected the MBO, an annual true-up of energy-related charges and credits occurs at the end of the Relevant Period. Upon completion of the annual true-up, any remaining energy credits will be zeroed out and a new Relevant Period will begin. Eligible Customers electing NSC as provided in Special Condition 4.i below will be compensated as outlined therein pursuant to the Rates section of this Schedule. Additionally, Special Condition 4.j may apply to Residential Customers.

iii. If any Customer terminates service under this Schedule prior to the end of a Relevant Period, Special Conditions 4.e.i and 4.e.ii above shall apply. Except for customers who opted out of CCA Service during the CCA's Follow-up Notification Period in accordance with Rule 23 Section I, a Customer switching from CCA/CA Service or DA Service to Bundled Service or from Bundled Service to CCA/CA Service or DA Service during an ongoing Relevant Period shall be deemed as terminating service under this Schedule prior to the end of the current Relevant Period, and Special Conditions 4.e.i and 4.e.ii above shall apply. Upon switching, the Customer shall begin a new Relevant Period.

(N)
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(N)

f. For all Customers served under this Schedule, all NBCs, as defined in the Rates section above, Monthly Customer Charges, Minimum Charges, Demand Charges, and/or other non-energy related charges, excluding any adjustments due to power factor provisions, as defined in the Customer's OAT, apply, as applicable, regardless of the Customer's monthly net energy consumption or export.

(Continued)

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Schedule NEM-ST
NET ENERGY METERING
SUCCESSOR TARIFF

Sheet 17 (T)

(Continued)

SPECIAL CONDITIONS (continued)

4. Billing. (continued)

g. Billing Provisions Applicable to DA, CCA or CA Service Customers.

- i. For DA, CCA or CA Service Customers, SCE will provide the applicable Delivery Service and CRS charges and credits, and the Customer's ESP, Community Choice Aggregator or Community Aggregator is responsible for timely providing the applicable generation charges and credits.
- ii. For DA Customers served under the Consolidated SCE Billing option, as defined in SCE's Electric Rule 22, the ESP is responsible for providing SCE with the generation-related energy charges or credits applicable to those DA Customers. For CCA or CA Service Customers, the Community Choice Aggregator or Community Aggregator is responsible for providing SCE with the generation charges or credits applicable to the CCA or CA Service Customer.
- iii. At the end of each Relevant Period, SCE and the ESP, Community Choice Aggregator or Community Aggregator shall proceed as follows:
 1. For all Customers who meet the definition of a Residential or Small Commercial Customer who did not elect the MBO, SCE will subtract all monthly valued accrued Delivery Service energy credits from all accrued Delivery Service energy charges and/or all applicable (i.e., those not defined as NBCs) monthly valued CRS energy credits from all applicable accrued CRS energy charges. If this calculation results in monies owed to SCE, such energy charges shall be due and payable in accordance with the Customer's OAT. However, if this calculation results in an excess energy credit, SCE shall neither pay the Customer for any unused energy credit nor carry forward any unused energy credit. Instead, the unused energy credit shall be zeroed out and a new Relevant Period shall commence. Additionally, Special Condition 4.j below may apply to Residential Customers. For DA Customers, separate annual true-ups of all energy charges and credits, consistent with the provisions set forth under this Schedule, will be calculated by SCE for the applicable SCE charges and credits, as outlined above, and by the ESP for the applicable ESP charges and credits. Any net balance related to generation charges that are collected from an eligible DA Customer will be paid annually by SCE to the ESP as set forth in SCE's Electric Rule 22, Section L. For CCA/CA Service Customers, SCE and the Community Choice Aggregator/Community Aggregator shall complete an annual true-up of all energy charges and credits calculated monthly, consistent with the provisions set forth under this Schedule. Credits and charges related to the Community Choice Aggregator's/Community Aggregator's generation services shall be based on the information provided by the Community Choice Aggregator/Community Aggregator to SCE. Any net balance related to generation charges that are collected from a CCA/CA Customer will be paid annually by SCE to the Community Choice Aggregator/Community Aggregator as set forth in SCE's Electric Rule 23, Section Q.

(Continued)

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Schedule NEM-ST
NET ENERGY METERING
SUCCESSOR TARIFF

(Continued)

SPECIAL CONDITIONS (continued)

4. Billing. (continued)

g. Billing Provisions Applicable to DA, CCA or CA Service Customers. (continued)

iii. At the end of the Relevant Period. (continued)

- 2. For all Customers who do not meet the definition of a Residential or Small Commercial Customer, and all Residential and Small Commercial Customers who elected the MBO, separate annual true-ups of all energy charges and credits, consistent with the provisions set forth under this Schedule, will be calculated by SCE for the applicable SCE charges and credits, as outlined above, and by the ESP, Community Choice Aggregator or Community Aggregator for the applicable ESP, Community Choice Aggregator or Community Aggregator charges and credits. Any unused Delivery Service and/or CRS energy credits shall not be carried forward to the start of a new Relevant Period; rather, the unused Delivery Service and/or CRS energy credits shall be zeroed out and a new Relevant Period will commence. Additionally, Special Condition 4.j may apply to Residential Customers. DA, CCA or CA Service Customers should look to their ESP, Community Choice Aggregator or Community Aggregator for the treatment of unused generation energy credits.
- iv. For DA, CCA or CA Service Customers, generation credits, if any, do not reduce the charges owed to SCE for energy supplied to such Customer, and Delivery Service and/or CRS credits, if any, do not reduce the charges owed to the ESP or Community Choice Aggregator/Community Aggregator for energy supplied to such Customer.
- v. ESP Charges: Where SCE provides metering and billing for a DA Customer, SCE may recover the incremental costs related to net energy metering and billing services from the Customer's ESP, as set forth in Schedule ESP-DSF.

(Continued)

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Schedule NEM-ST
NET ENERGY METERING
SUCCESSOR TARIFF

(Continued)

SPECIAL CONDITIONS (continued)

4. Billing. (continued)

i. NSC Billing Provisions.

- i. To be eligible for NSC, a Customer must meet the definition of an Eligible Customer-Generator within PU Code Section 2827.1(a), including that its Generating Facility be intended primarily to offset part or all of the Customer's own electrical requirements. Generating Facilities that are sized larger than the Customer's electrical requirements are not eligible for NEM and, therefore, are not eligible for NSC.
- ii. Except as provided in Special Condition 4.i.iv below, Bundled Service Customers are eligible to receive NSC if, at the conclusion of the Relevant Period, the true-up process indicates that the Customer is a Net Surplus Generator, and provided the Customer affirmatively elected to receive NSC and submitted any necessary documentation prior to SCE processing the final bill of the Relevant Period. NSC is applied to Customers' future charges (i.e., Customer's SCE account) as an on-bill credit, unless the Customer elects to receive payment via check (Customers may only modify this election once a year, and must do so prior to the conclusion of the existing Relevant Period for the new election to occur in that Relevant Period). For Customers electing to receive NSC via check, the amount of the check will be reduced by any amount that the Customer owes to SCE before a check is issued to the Customer. After the on-bill credit or check is issued to the Customer, Net Surplus Energy is set to zero at the start of the next Relevant Period.
- iii. In order to be eligible to receive NSC from SCE, Bundled Service Customers with Generating Facilities sized greater than 1 MW must provide notice to SCE that the Customer self-certified its Generating Facility as a Qualifying Facility pursuant to the Public Utility Regulatory Policies Act of 1978 by properly completing and filing Federal Energy Regulatory Commission (FERC) Form No. 556 with the FERC and providing SCE with a copy of the certification.
- iv. DA, CCA or CA Service Customers, Customers electing to participate in NEM-A are not eligible to receive NSC from SCE. However, if an NEM-A aggregated account that is not a generating account is separated from the NEM-A arrangement, and subsequently qualifies for service under this Schedule, that account is eligible to receive NSC on a going-forward basis, provided it meets all other NEM-ST eligibility criteria; but NEM-A generating accounts are permanently ineligible to receive NSC from SCE.
- v. In order to receive the NSC RAA, Form 14-935 must additionally be executed and submitted to SCE at the end of each Relevant Period.

(Continued)

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Schedule NEM-ST
NET ENERGY METERING
SUCCESSOR TARIFF

(Continued)

SPECIAL CONDITIONS (continued)

4. Billing. (continued)

j. California Climate Credit Cash-Out Provision for Residential Customers.

Customers receiving service on a Residential rate schedule receive a semi-annual California Climate Credit from the State of California. In the event that a portion or all of the dollar value of the California Climate Credit cannot be consumed by the end of the Customer's Relevant Period, one of the following will occur: (1) for Residential Net Surplus Generators eligible to receive NSC via the separate check option – any remaining California Climate Credit balance will be added to the NSC owed the Customer and sent with the NSC check, or (2) for all other Residential Customers – any remaining California Climate Credit balance will be sent to the Customer via a separate check after the final billing statement for the current Relevant Period is issued.

(Continued)

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**Schedule NEM-ST
NET ENERGY METERING
SUCCESSOR TARIFF**

(Continued)

SPECIAL CONDITIONS (continued)

5. NEM Aggregation (NEM-A).

Pursuant to D.16-01-044, Customers served under this Schedule who have additional metered service accounts located on property where the Generating Facility is located and/or on property adjacent or contiguous to the property on which the Generating Facility is located, if those properties are all solely owned, leased, or rented by the Customer, may choose to have the electrical load (kWh) served by such meters aggregated for the purposes of determining if the Customer is a net consumer or a net producer of energy. For the purposes of NEM-A only, parcels that are divided by a street, highway, or public thoroughfare are considered contiguous, provided they are within an unbroken chain of otherwise contiguous parcels and are all solely owned, leased or rented by the Customer, as verified in Form 14-937. Customers are also eligible to participate in NEM-A where all meters in an NEM-A arrangement are located within an unbroken chain of contiguous parcels that are all solely owned, leased, or rented by the Customer. For example, if there are three parcels (A, B and C), all of which are solely owned, leased or rented by the Customer, where A contains the Generating Facility and abuts B, B abuts C, but A and C are separated by B, then the loads of all three parcels shall be eligible to participate in NEM-A. Refer to Diagram 1 (for illustrative purposes only). In addition, if there are five parcels (A, B, C, D and E) that form a cluster of contiguous parcels, where A contains the Generating Facility, and D and E are separated from A, B, and C by a street, highway or public thoroughfare, for the purposes of participating in NEM-A only, all five parcels are considered contiguous, provided they are otherwise contiguous and all solely owned, leased or rented by the Customer. Refer to Diagram 2 (for illustrative purposes only).

Diagram 1

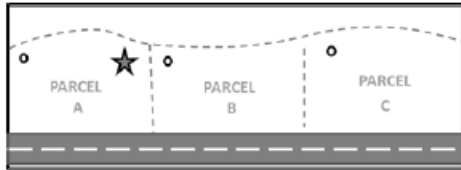
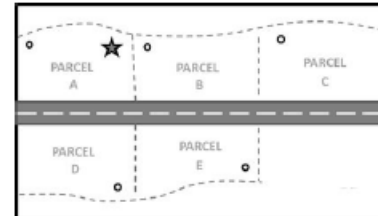


Diagram 2



The Customer must provide SCE with a list of additional metered service accounts on Form 14-937 (subject to eligibility verification by SCE) that are to be included in the NEM-A arrangement, which consists of the account directly interconnected to and located on the same property as the Generating Facility (the generating account, which is also considered an aggregated account when allocated kWh) and all aggregated accounts. A Customer may have more than one NEM-A arrangement, but accounts may not be shared across multiple arrangements. Aggregated accounts may not have any other NEM Eligible Generators directly interconnected to them, but are permitted to have Non-NEM Eligible Generators directly interconnected to them. All accounts in an NEM-A arrangement must be (1) all Bundled Service accounts; or (2) all DA Service accounts served by the same ESP; or (3) all CCA or CA Service accounts served by the same Community Choice Aggregator or Community Aggregator.

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Schedule NEM-ST
NET ENERGY METERING
SUCCESSOR TARIFF

Sheet 22 (T)

(Continued)

SPECIAL CONDITIONS (continued)

5. NEM Aggregation (NEM-A). (continued)

A Customer may elect to modify the aggregated accounts included in an NEM-A arrangement, provided a minimum of 60-days' notice is provided to SCE prior to the change taking effect, and such change remains in effect for a minimum of 12 months and doesn't result in the Generating Facility being oversized compared to the electrical requirements of the NEM-A arrangement.

Customers electing to participate in NEM-Aggregation are required to pay all applicable charges, including energy, non-energy and NBCs, on a monthly basis in accordance with their OAT, pursuant to the provisions of Special Condition 4.b. All accounts in an NEM-A arrangement will be placed on the same billing cycle, and will be billed individually pursuant to the Rates section and Special Condition 4 of this Schedule. The electrical consumption (kWh) registered on each account's meter will be reduced, for purposes of billing monthly energy charges and credits as described in the Rates section, by a proportional allocation, at the 15-minute interval level, of the electricity generated by the Generating Facility that is exported to SCE's grid. The proportional allocation is determined per billing period based on the cumulative consumption of each aggregated account compared to the cumulative consumption of the NEM-A arrangement since the start of the Relevant Period, and the cumulative generation exported from the Generating Facility since the start of the Relevant Period. The Customer is required to designate one account in the NEM-A arrangement to receive any remaining kWh not allocated due to rounding after the proportional allocation methodology described above is completed. All accounts included in an NEM-A arrangement are ineligible to receive NSC from SCE. However, if an aggregated account that is not a generating account is separated from the NEM-A arrangement, and subsequently qualifies for service under this Schedule, that account is eligible to receive NSC on a going-forward basis, provided it meets all other NEM-ST eligibility criteria.

Aggregated accounts are eligible for the same demand response programs as other Customers served under this Schedule. All demand response programmatic elements (e.g., eligibility) and payments to aggregated accounts are based on the metered usage disregarding any contributions from kWh allocated to the aggregated accounts based on the proportional allocation methodology described above.

Customers electing to participate in NEM-A are not eligible to concurrently participate under the terms of Special Condition 7.a of this Schedule, as provided. Customers may dual participate under the terms of Special Condition 7.b of this Schedule, provided there is only one NEM-ST Generating Facility behind the same meter as the Non-NEM Eligible Generator(s).

Existing Customers served under this Schedule who elect to participate in NEM-A who also have existing executed NEM-ST Interconnection Agreements and who are making no modifications to their Generating Facilities other than electing NEM-A will not be required to complete new Interconnection Agreements, nor conduct new interconnection studies.

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Schedule NEM-ST
NET ENERGY METERING
SUCCESSOR TARIFF

Sheet 23

(Continued)

SPECIAL CONDITIONS (continued)

5. NEM Aggregation (NEM-A). (continued)

In lieu of interconnecting the Generating Facility to an existing metered service account, Customers electing to participate in NEM-A may request an additional service from SCE for the purposes of interconnecting the Generating Facility. This additional service and associated metering must be located on the same property as the Generating Facility at a location approved by SCE and must not result in adverse impacts to SCE's electrical system, as determined by SCE. No additional load other than incidental load related to the inverters and support of the Generating Facility may be registered on this additional metered service. This additional service and associated metering are provided under the Added Facilities provisions of SCE's Electric Rule 2.H and are at the Customer's expense. The new service will be billed monthly for any charges of its OAT not already provided for under Added Facilities.

6. NEM-Paired Storage Systems.

Pursuant to D.16-04-020, D.16-01-044 and D.14-05-033, where a Customer utilizes a NEM-Paired Storage System (as defined in Special Condition 1.g), the applicable provisions of this Special Condition 6 shall apply. Additionally, where this Special Condition conflicts with any other Special Condition within this Schedule, the provisions contained in this Special Condition shall prevail. Customers with NEM-Paired Storage Systems who take service under this Special Condition are exempt from Supplemental Review fees, Detailed Study costs, and the costs associated with any Distribution or Network upgrades triggered by the Interconnection Request, provided the Renewable Generator is sized 1 MW or smaller.ⁱ Customers with NEM-Paired Storage Systems who take service under this Special Condition are exempt from Standby charges.

a. Sizing Requirements. The size of the Integrated or Directly Connected Energy Storage Device is determined by the inverter alternating current (AC) nameplate rating.

i. Small NEM-Paired Storage System: There are no additional sizing requirements for the Integrated or Directly Connected Energy Storage Device(s) relative to the size of the Renewable Generator.

ii. Large NEM-Paired Storage System: The maximum aggregate output capacity of the Integrated or Directly Connected Energy Storage Device(s) can be no greater than 150 percent of the Renewable Generator's maximum output capacity. For example, if the maximum output capacity of the Renewable Generator is 15 kW, the maximum aggregate output capacity of the Integrated or Directly Connected Energy Storage Device(s) can be no greater than 22.5 kW. Pursuant to D.20-06-017, the maximum aggregate output capacity limitation shall not apply for a period of three years beginning August 16, 2020 and ending August 15, 2023.

(N)
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(N)

iii. Direct Current-Coupled NEM-Paired Storage System: The system size shall be determined as the lesser of the shared inverter's nameplate capacity and the storage device's maximum continuous output rating. Continuous output of a storage device is determined by referring to the device's technical specifications sheets. If that metric is not included, the inverter nameplate will be used.

ⁱ In the event the Integrated or Directly Connected Energy Storage Device is added subsequent to the date that the Renewable Generator received Permission to Operate, the same interconnection cost categories applicable to the Renewable Generator shall apply to the Integrated or Directly Connected Energy Storage Device. Customers defined in Special Conditions 1.a.ii and 1.a.iii do not receive these cost exemptions.

(Continued)

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Carla Peterman
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Schedule NEM-ST
NET ENERGY METERING
SUCCESSOR TARIFF

Sheet 24

(Continued)

SPECIAL CONDITIONS (continued)

6. NEM-Paired Storage Systems. (continued)

b. Metering Requirements.

i. Small NEM-Paired Storage Systems.

A. Solar Photovoltaic (PV): Where the Renewable Generator(s) utilizes solar PV only, an estimation methodology, as described in Section 6.c below, shall apply in lieu of additional metering. As an alternative option, at the start of a new Relevant Period, a Customer may elect to adhere to the metering and billing requirements applicable to Large NEM-Paired Storage Systems. Customers who elect this option shall not be subject to the estimation methodology so long as they adhere to the necessary metering requirements. The cost of the metering required under this option shall not exceed \$600, unless Complex Metering, as described below, is required. For Small NEM-Paired Storage Systems that are unable to meet the metering requirements of Large NEM-Paired Storage Systems, the estimation methodology shall apply. Where the Small NEM-Paired Storage System is combined in a Multiple Tariff Generating Facility pursuant to Special Condition 7 of this Schedule and the Renewable Generator(s) utilizes NGOM, the billing provisions of Special Condition 7 will apply and not the estimation methodology described in Section 6.c below.

B. Non-Solar PV: Where the Renewable Generator(s) utilizes a technology other than only solar PV, the Customer must adhere to the metering and billing requirements applicable to Large NEM-Paired Storage Systems. The cost of the metering required under this provision shall not exceed \$600, unless Complex Metering, as described below, is required.

ii. Large NEM-Paired Storage Systems.

A. The Customer must adhere to the metering and billing requirements contained within Special Condition 7.b of this Schedule or use power control-based options described below. For metering and billing purposes only, the Integrated or Directly Connected Energy Storage Device is treated as the Non-NEM Eligible Generator when applying the provisions of Special Condition 7.b. The cost of the metering required under this provision shall not exceed \$600, unless Complex Metering, as described below, is required. Generating Facilities that are unable to meet the metering requirements of Special Condition 7.b are ineligible for service under this Schedule as a NEM-Paired Storage System. (T)
(T)

B. Power control-based firmware or software options shall be certified to a national standard. Power control-based options include using equipment that prevents electricity to be exported from the storage device to the grid, and using equipment that prevents electricity imported from the grid to charge the storage device. Open loop response time outlined in the control technical specification documentation must not be greater than 10 seconds. (N)
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(N)
(L)

(Continued)

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Schedule NEM-ST
NET ENERGY METERING
SUCCESSOR TARIFF
(Continued)

Sheet 25 (T)

SPECIAL CONDITIONS (continued)

6. NEM-Paired Storage Systems. (continued)

- c. Estimation Methodology for Small NEM-Paired Storage Systems (where storage is < or = 10 kW rated capacity).

Small NEM-Paired Storage billing uses an “estimation method” that caps maximum allowable NEM bill credits based on solar photovoltaic (PV) generation estimates. The approach used to develop the generation estimates applied to NEM-Paired Storage billing is as follows:

- i. SCE has established a maximum cap for NEM-eligible exports by California Energy Commission (CEC) Climate Zone for each calendar month based on standardized monthly estimates that are scaled for a given NEM customer based on the size of the customer’s solar system.
- ii. To develop the generation estimates, SCE used the California Solar Initiative Expected Performance-Based Buydown (CSI EPBB) calculator to produce a single, scalable, production factor table. This table captures the estimated amount of kWh generated per installed kW of solar PV capacity (kWh/kW production factor) for each calendar month and each of the nine CEC Climate Zones in SCE’s service area. Climate Zones are referred to as Baseline Regions in SCE’s tariffs.
- iii. For a given NEM-Paired Storage customer, the NEM-eligible cap on exports is calculated by multiplying the Customer-appropriate production factor for a given month and Climate Zone (based on billing period and location) and scaling the kWh by the customer’s PV installed capacity (in kW).
- iv. The solar PV configuration assumptions used in the CSI EPBB calculator to generate the scalable production factor table are the following:
 - Tilt: If Optimal Tilt as defined by the EPBB Calculator was <20 degrees for a given Climate Zone, then 20 degree tilt was used, otherwise Optimal Tilt as defined by the EPBB Calculator was used
 - Azimuth: 180 degrees
 - For each climate zone, identified the three zip codes with the most residential PV installations; chose the zip code with the highest generation estimate per the EPBB calculator
 - Panel: SunPower.SPR-327NE-WHT-D
 - Inverter: SPR-X20-327-C-AC (240V) or any other micro-inverter designed to match the panels.
 - As a reference, inverter efficiency is 96%.
 - Mounting Method: > 6 “ average standoff (EPBB default)
 - Shade: Minimal (EPBB default)

(Continued)

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Schedule NEM-ST
NET ENERGY METERING
SUCCESSOR TARIFF
(Continued)

SPECIAL CONDITIONS (continued)

6. NEM-Paired Storage Systems. (continued)

c. Estimation Methodology for Small NEM-Paired Storage Systems...(Continued)

- v. Once implemented in SCE's billing system, Customers subject to this provision shall have a maximum monthly generation output cap established for each calendar month based on the "production factor table."
- vi. In all cases, the first day of the Customer's Billing Period determines which calendar month cap is used for that Billing Period. For example, if the Customer's Billing Period starts on January 15 and ends on February 15, the January cap is used.
- vii. Any export (E_F) registered on SCE's revenue meter(s) that exceeds the monthly cap is not eligible for credit as outlined in the Rates section above and is forfeited by the Customer. For example, if a Customer's monthly cap amount for January is 500 kWh and the Customer exports 525 kWh for that monthly Billing Period, 25 kWh are not eligible for NEM credit and are forfeited. The forfeited kWh are assumed to have occurred during the Customer's highest priced TOU period, regardless of when the energy was actually exported. If the amount of forfeited kWh for a Billing Period exceeds the amount of E_F registered during the Customer's highest priced TOU period, the remaining kWh subject to forfeit are then removed from the next highest priced TOU period and so on until all kWh subject to forfeit are accounted for. For example, if a Customer has a July monthly cap amount of 700 kWh and exports 1,000 kWh, 300 kWh must be forfeited. If the Customer exported 200 kWh in the Summer On-peak period and 800 kWh in the Summer Mid-Peak period, 200 kWh of the forfeited 300 kWh are removed from the Summer On-Peak period (so the Customer's E_F during the Summer On-Peak period is billed at zero); the remaining 100 kWh of the forfeited 300 kWh are removed from the Summer Mid-Peak period (so the Customer's E_F during the Summer Mid-Peak period is billed at 700 kWh). Forfeited kWh are not eligible for NSC.

d. Interconnection and Safety Requirements. NEM-Paired Storage Systems must meet the technical and safety standards required for interconnection under Rule 21. This includes evaluation under the same technical interconnection standards currently applied to Generating Facilities that are not paired with energy storage devices.

e. NEM Transition Provisions. NEM-Paired Storage Systems are subject to the transition provisions included in Special Condition 8 below. In regards to Special Condition 8.b, NEM-Paired Storage Systems shall remain eligible for service under this Schedule provided the capacity of the Integrated or Directly Connected Energy Storage Device(s) is not increased by more than 10 percent of its original maximum aggregate output capacity.

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Schedule NEM-ST
NET ENERGY METERING
SUCCESSOR TARIFF

(Continued)

SPECIAL CONDITIONS (continued)

7. Customers with a Multiple Tariff Generating Facility (NEM-MT).

Where a Customer utilizes a Multiple Tariff Generating Facility (as defined in Special Condition 1), the applicable provisions of this Special Condition 7 shall apply. Additionally, where this Special Condition conflicts with any other Special Condition contained herein, the provisions contained in this Special Condition shall prevail. Customers served pursuant to this Special Condition are responsible for paying NBCs, as defined in the Rates section above, on each kWh of electricity that is consumed from the grid net of exports (i.e., net consumption) in each metered interval as recorded on the TOU revenue meter at the Point of Common Coupling (PCC). Multiple Tariff Generating Facilities consisting of generating facilities served under Schedules FC-NEM or BG-NEM that receive service pursuant to Special Condition 7.a below are not eligible to concurrently participate in an NEM-A arrangement pursuant to Special Condition 5 above. For purposes of tariff administration, other metering configurations than those outlined below may be allowed at SCE's discretion.

a. A Customer utilizing a Multiple Tariff Generating Facility consisting of all NEM Eligible Generating Facilities, with at least one NEM-ST Generating Facility, shall adhere to the following:

i. 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 1 above), all energy exported to SCE's system from any group of NEM Eligible Generators shall receive only the generation component energy credits per 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. A Customer with a Multiple Tariff Generating Facility that includes a Renewable Electrical Generating Facility served under this Schedule shall be responsible for all nonbypassable charges as specified herein.

ii. 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 Electric Rule 21, Section J. The total energy exported to SCE's system, as determined at the PCC meter (SCE billing meter) will be allocated to each group based on its NGOM reading to the total of all NGOM readings. For 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 purpose.

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Schedule NEM-ST
NET ENERGY METERING
SUCCESSOR TARIFF

Sheet 28 (T)

(Continued)

SPECIAL CONDITIONS (continued)

7. Customers with a Multiple Tariff Generating Facility (NEM-MT). (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 1 above) shall adhere to the following:

- i. Where all Non-NEM Eligible Generators have a non-export relay (reverse or minimum power protection), per SCE's Electric Rule 21, Section G.1.i, Screen 2 (option 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 Generator(s). However, where a Customer's Multiple Tariff Generating Facility includes more than one group of NEM Eligible Generators, NGOM in accordance with Special Condition 7.a.ii above must be installed to determine which percentage of the measured excess energy exported to SCE's system will receive NEM energy credits at the bundled rate (Delivery Service plus generation) and which percentage of the measured excess energy exported to SCE's system will receive NEM energy credits at the generation rate component only. Otherwise, unallocated NEM-eligible excess energy exported to SCE's system will be subject to the provisions of Special Condition 7.a.i above.
- ii. Where one or more of the Customer's Non-NEM Eligible Generators does not have a non-export relay, and where each group of the NEM Eligible Generators does not have NGOM installed in accordance with Special Condition 7.a.ii above, NEM credits will only be applicable on the NEM Eligible Generators that do have NGOM. Monthly valued NEM credits for each of the NEM-Eligible Generator groups with NGOM will be the lesser of (A) its proportion of the NGOM reading to the total of all NEM Eligible Generators' NGOM readings multiplied at the PCC, or (N) its NGOM reading.
- iii. The value of energy credits will be applied consistent with the appropriate NEM tariff as follows, including the requirement that Customers with a Multiple Tariff Generating Facility that includes a Renewable Electrical Generating Facility served under this Schedule shall be responsible for all nonbypassable charges as specified herein:
 - A. First, apply BG-NEM and/or FC-NEM generation rate component credits (if any) to generation rate component charges on any aggregated account served by the Generating Facility.
 - B. Second, apply any remaining BG-NEM and/or FC-NEM credits from (A) above to the remainder of generation rate component charges on the account served by the Generating Facility.
 - C. Third, apply NEM-ST energy (generation and delivery service rate component) credits to any remaining energy charges of the accounts that are served by the Generating Facility.
 - D. Fourth, apply NEM energy (generation and delivery service rate component) credits to any remaining energy charges of the accounts that are served by the Generating Facility.

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Schedule NEM-ST
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(Continued)

SPECIAL CONDITIONS (continued)

8. NEM-ST Grandfathering Provisions. This Special Condition is applicable to all Customers receiving service on this Schedule and to all Customers who have submitted all documentation necessary to receive service on this Schedule.

a. 20-Year Transition Period.

Pursuant to D.16-01-044, Customers who are receiving service on this Schedule, or who have submitted all documentation necessary to receive service on this Schedule, are eligible to continue receiving service on this Schedule for a period of 20 years from the original year in which their Generating Facility was interconnected to SCE's grid, indicated by and measured from the date on which the Customer originally received permission to operate (PTO) the Generating Facility from SCE and ending at the conclusion of the Customer's applicable Relevant Period that ends immediately on or after the 20th anniversary of the original PTO date. For example, if a Customer initially received PTO on April 1, 2018, the Customer is eligible to continue receiving service on this Schedule through the conclusion of the Relevant Period ending immediately on or after March 31, 2038. Customers served on Schedule NEM who elect to make a one-time switch to this Schedule prior to the conclusion of their Schedule NEM 20-year transition period can continue service under this Schedule from the date of their original Schedule NEM PTO date; these Customers may not restart their 20-year transition period by transitioning early to this Schedule. Customers electing to switch to this Schedule prior to the conclusion of their Schedule NEM 20-year transition period permanently forfeit any of their Generating Facility's remaining transition period eligibility on Schedule NEM and may not later change back to receiving service under Schedule NEM.

b. Modifications.

Generating Facilities eligible for the 20-year transition period outlined above that are modified and/or repaired shall remain eligible for the remainder of their 20-year transition period as long as the modifications and/or repairs do not increase the Generating Facility by more than the greater of (1) 10 percent of the Generating Facility's nameplate rating capacity, as established when the Generating Facility was originally interconnected, or (2) 1 kW; and provided the modifications and/or repairs do not result in the Generating Facility exceeding the Customer's annual onsite load. Customers making modifications and/or additions to their Generating Facilities that exceed the 10 percent or 1 kW limit referenced above have the option of either metering the additions and/or modifications separately under another eligible tariff, or having the entire Generating Facility served under another eligible tariff, subject to the terms and conditions contained therein. (T)

(D)

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Schedule NEM-ST
NET ENERGY METERING
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(Continued)

SPECIAL CONDITIONS (continued)

8. NEM-ST Grandfathering Provisions. (continued)

c. Transferability.

Generating Facilities eligible for the 20-year transition period shall not lose their eligibility if transferred to a new owner, operator, or SCE account, provided the Generating Facility remains at its original location.ⁱ The transfer of an existing Generating Facility to a new location is considered a new installation requiring a new Interconnection Agreement that is subject to the applicable tariffs in place at the time the new Interconnection Request is completed.

d. Integrated or Directly Connected Energy Storage Devices.

Integrated or Directly Connected Energy Storage Devices shall be treated in the same way, and be subject to the same transition period, as the Renewable Generator to which they are connected.

ⁱ The Generating Facility must at all times serve an Eligible Customer-Generator as defined in Special Condition 1.a above.

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