



### RIDER NEM

### NET ENERGY METERING

(Applied in Conjunction with the Standard General Service Rate Schedules for Residential, Commercial, and Municipal Service)

#### PURPOSE

The purpose of this rider is to establish rates, terms, and conditions for providing Net Energy Metering (NEM) service to residential, commercial, and municipal customers who are generating electricity from an *eligible renewable electrical generating facility as defined by paragraph (1) of subdivision (a) of Section 25741 of the Public Resources Code, of 1 Megawatt ("MW") or Less (Eligible Renewable Generation Facility)*. NEM is defined as measuring the difference between electricity supplied by the electric grid and electricity generated by a customer that is fed back to the electric grid over a twelve-month period. This rider complies with California State legislation requiring every electric utility in the state, including municipal utilities, to develop a standard contract or tariff providing for NEM, as defined below.

#### APPLICABILITY

This schedule is applicable to service for residential, commercial, and municipal Eligible Customer-Generators, pursuant to Section 2827(b) of the California Public Utilities Code and defined as those customers where part or all of their electrical requirements can be supplied from an Eligible Renewable Generation Facility (Eligible Customer-Generator). Eligible Customer-Generators must currently be receiving service (or be eligible for service) under Alameda Municipal Power's (AMP) residential rate schedules D-1 or D-2, commercial rate schedules A-1, A-2, or A-3, or municipal rate schedule M-1.

The Eligible Renewable Generation Facility must: 1) not exceed a design capacity of 1 MW (alternating current, AC), 2) be located on the Eligible Customer-Generator's premises, 3) be connected for parallel operation with AMP's distribution facilities, and 4) be intended for the sole purpose of offsetting a part or all of the Eligible Customer-Generator's own electrical requirements. In no case shall the power or energy generated by the Eligible Renewable Generation Facility be available for resale, except as specified under this rider.

**Current NEM Capacity Value is 3.6 MW**

#### Protocol for Administering the NEM Capacity

1. Eligible Customer-Generators will be served under this rider until the total installed NEM Capacity equals the NEM Capacity Value. Once the NEM Capacity Value has been reached, new customer generation will be served using AMP's NEM successor program. Should the capacity of a proposed project be anticipated to result in AMP exceeding the NEM Capacity Value, the proposed project will not be eligible for service under this rider.
2. Once a customer is eligible to be served under this rider, they will remain eligible, unless the Public Utilities Board revises eligibility criteria or the customer elects service under the successor plan.

ADOPTED: April 18, 2016  
RESOLUTION NO. xxx  
(Superseding Rider NEM Effective July 1, 2015)

Effective: July 1, 2016

## ELECTRIC RATE SCHEDULES



**ALAMEDA  
MUNICIPAL POWER**

*A Department of the City of Alameda*

3. As NEM Capacity becomes available, those existing eligible renewable customer generators that are served under the successor plan, and would like to elect service under this rider, shall notify AMP of their interest. Upon notification AMP may evaluate the interested customer for eligibility under this rider based on the capacity of their generator and the installation service date, with the oldest installations receiving first consideration. More specifically:
  - a. Only customers with a renewable generator capacity that is less than or equal to the available NEM Capacity shall be considered for service under this rider.
  - b. Those customers meeting the generator capacity requirement may be offered service under this rider in chronological order based on the service date of their generation.
4. New or expanded eligible renewable customer generators will be considered on a first-come, first-served basis for service under this rider for any remaining NEM Capacity. New customer generation will be served until the NEM Capacity Value is reached. When the capacity of a proposed project is anticipated to cause AMP to exceed the NEM Capacity, the proposed project may not be eligible for service under this rider.

Additional terms and conditions for service, including terms of interconnection and parallel operation, are specified in AMP's NEM Interconnection Agreement. This service is available throughout AMP's entire service area, where the facilities of AMP are available, have adequate service capacity, and are adjacent to the premises.

## RATES

### **Net Energy Supplied Charge**

Where the electricity supplied by AMP exceeds the electricity generated by the Eligible Renewable

Generation Facility over a twelve-month period, the Eligible Customer-Generator will be billed for the net energy supplied at the applicable residential, commercial, or municipal service rate (Schedule D-1, Schedule D-2, Schedule A-1, Schedule A-2, Schedule A-3, or Schedule M-1) in effect when the service was rendered. All conditions, charges, adjustments, and taxes under the applicable rate schedule shall be in effect. The Eligible Customer-Generator's bill will be trued up at the end of the twelve-month period.

### **Net Energy Transmitted Compensation**

Where the electricity generated by the Eligible Renewable Generation Facility and delivered to the AMP distribution system exceeds the electricity supplied by AMP over a twelve-month period, at the end of the period AMP will provide compensation to the Eligible Customer-Generator for any net energy transmitted by the Eligible Renewable Generation Facility. Compensation will be calculated by multiplying the net energy transmitted by a rate equal to the higher of (1) the average cost of energy in the previously concluded fiscal year from AMP's Renewable Portfolio Standard (RPS) eligible resources, as defined by the California Energy Commission, or (2) the average cost of energy in the previously concluded fiscal year from RPS eligible resources procured within the last ten years. . The rate shall be updated annually.

**The rate paid effective with this rate schedule is \$0.05334 per kWh.**

ADOPTED: April 18, 2016  
RESOLUTION NO. xxx  
(Superseding Rider NEM Effective July 1, 2015)

*Effective: July 1, 2016*



## SPECIAL CONDITIONS

### 1. INTERCONNECTION AGREEMENT

A signed *INTERCONNECTION AGREEMENT For Net Energy Metering of Residential, Commercial or Municipal Eligible Renewable Electrical Generation Facilities of 1 Megawatt (MW) or Less*, or *INTERCONNECTION AGREEMENT FOR FEDERAL AGENCIES For Net Energy Metering of Residential or Commercial Eligible Renewable Electrical Generation Facilities of 1 Megawatt (MW) or Less* by the Eligible Customer-Generator and AMP is required for service under this rider.

### 2. NET ENERGY

Net energy is defined as:

$$\text{Net Energy} = \text{EL} - \text{EG}$$

Where: EL is the customer's energy consumption, or load.

EG is energy generated by the Eligible Renewable Generation Facility.

Net energy shall be determined by the use of a single, non-demand, non-time-differentiated, kilowatt-hour (kWh) meter capable of registering the flow of electricity in two directions. All necessary labor, equipment, materials, and related facilities' costs, in addition to or in substitution of AMP's standard facilities, that are required in order to take and sell power through one meter socket will be at the Eligible Customer-Generator's expense.

#### a. NET ENERGY SUPPLIED (EL>EG)

Net energy supplied by AMP occurs when the Eligible Customer-Generator's energy consumption is greater than the energy produced by the Eligible Renewable Generation Facility over a twelve-month period. The cumulative value of the net energy consumed will be billed at the end of the twelve-month period.

#### b. NET ENERGY TRANSMITTED (EL<EG)

Net energy transmitted to AMP occurs when the Eligible Customer-Generator's energy consumption is less than the energy produced by the Eligible Renewable Generation Facility over a twelve-month period. At the end of the period, AMP will provide compensation to the Eligible Customer-Generator for the cumulative net energy transmitted to AMP (see Rates section above).

#### c. EG METER

AMP will install a second kilowatt-hour meter at its expense to accurately measure and record the total amount of EG. The Eligible Customer-Generator shall provide the appropriate meter socket and AMP will reimburse the Eligible Customer-Generator for the actual cost of the associated labor and material.

### 3. BILLING PERIOD

The meters will be read on the customary monthly billing period. The annual calculation of the compensation for net energy transmitted to AMP shall be at the end of the twelve-month period. The twelve-month period shall commence on the day after AMP receives the election form from the Eligible Customer-Generator, or for Eligible Customer-Generators who begin NEM service after March 1, 2010, on the date of interconnection.

### 4. PARTIAL REQUIREMENTS PROVIDER

The Eligible Customer-Generator agrees to take all supplemental electric service (i.e. supplemental to power from the qualifying solar or wind generation) from AMP. In no event shall the Eligible

ADOPTED: April 18, 2016

RESOLUTION NO. xxx

(Superseding Rider NEM Effective July 1, 2015)

*Effective: July 1, 2016*

## ***ELECTRIC RATE SCHEDULES***



**ALAMEDA  
MUNICIPAL POWER**

*A Department of the City of Alameda*

Customer-Generator use additional self-generation (except emergency backup), co-generation, or electricity wheeled from any other source without the consent of AMP.

**5. RULES and REGULATIONS**

Other conditions, as specified in AMP's Rules and Regulations, shall apply to this electric rate schedule.