



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 service to residential, commercial, and municipal customers that are generating electricity using solar and wind facilities. Net Energy Metering is defined as measuring the difference between electricity supplied by the electric grid and electricity generated by a Customer-generator and 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 municipally owned utilities, to develop a standard contract or tariff providing for Net Energy Metering, as defined below.

APPLICABILITY

This schedule is applicable to service for residential, commercial, and municipal Customer-generators, defined as those customers where part or all of their electrical requirements can be supplied from a solar or wind power production source owned and operated by the customer. 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 MU-1.

The solar or wind generation source must: 1) not exceed a capacity of 1 megawatt (alternating current, AC), 2) be located on the 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 Customer-generator's own electrical requirements. In no case shall the power or energy generated by the customer-owned solar or wind source be available for resale, except as specified under this rider.

Additional terms and conditions for service, including terms of interconnection and parallel operation, are specified in a customer-specific Interconnection and Purchase Agreement for Net Energy Metering.

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. Applicability of this tariff does not extend to customers whose solar or wind power source exceeds 1 megawatt AC.

RATES

Net Energy Supplied Charge

Where the electricity supplied by AMP exceeds the electricity generated by the Customer-generator over a twelve-month period, the Customer-generator will be billed for the Net Energy supplied at the applicable residential, commercial, or municipal service rate (either Schedule D-1, Schedule D-2, Schedule A-1, Schedule A-2, Schedule A-3, or Schedule MU-1) in effect when the service was rendered. All conditions, charges, adjustments, and taxes under the applicable rate schedule shall be in effect. The Customer-generator's bill will be trued up at the end of the twelve-month period.

ADOPTED: November 17, 2010
RESOLUTION NO. 4856
(Superseding Rider NEM Effective March 1, 2010)

Effective: December 1, 2010

RIDER NEM (continued)

Net Energy Transmitted Compensation or Credit

Where the electricity generated by the Customer-generator exceeds the electricity supplied by AMP over a twelve-month period, at the end of the period AMP will, upon an affirmative election by the Customer-generator, provide compensation or credit for any Net Energy transmitted. Credit will be in the form of kilowatt-hours, to be applied toward energy subsequently supplied by AMP to the Customer-generator. 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 and (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 to be effective on December 1st of each year and posted on AMP's website. If a Customer-generator does not elect to receive compensation or credit, AMP shall retain any Net Energy transmitted during the twelve-month period. AMP shall retain any renewable energy credit for Net Energy transmitted that it purchases from Customer-generators.

SPECIAL CONDITIONS

1. INTERCONNECTION AGREEMENT

A signed *Interconnection and Purchase Agreement for Net Energy Metering* between the 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 customer's generator.

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 Customer-generator's expense.

a. NET ENERGY SUPPLIED (EL>EG)

Net Energy supplied occurs when the customer's energy consumption is greater than the energy generated over a twelve-month period. The cumulative value of the Net Energy consumed or generated will be billed at the end of the twelve-month period.

b. NET ENERGY TRANSMITTED (EL<EG)

Net Energy transmitted occurs when the customer's energy consumption is less than the energy generated over a twelve-month period. At the end of the period, AMP will, upon an affirmative election by the Customer-generator, provide compensation or credit for any Net Energy transmitted (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 customer shall provide the appropriate meter socket and AMP will reimburse the customer 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 or credit for Net Energy transmitted shall be done at the end of the twelve-month period. The twelve-month period shall commence on the day after AMP receives the election

ELECTRIC RATE SCHEDULES

form from the Customer-generator, or for Customer-generators who begin Net Energy Metering service after March 1, 2010, on the date of interconnection.

4. PARTIAL REQUIREMENTS PROVIDER

The 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 customer use additional self-generation (except emergency back-up), 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.