



Hofacket & Kretek, LLC

ORIGINAL



0000113189

July 19, 2010

Docket Control
Utilities Division
Arizona Corporation Commission
1200 West Washington St.
Phoenix, AZ 85007

Re: Columbus Electric Cooperative, Inc.

Dear Sir or Madam:

Please find enclosed an original and fourteen (14) copies of Columbus Electric Cooperative's amended Net Metering Tariff, designated as Schedule ANM, as well as a self-addressed, stamped envelope.

This tariff is being submitted for filing pursuant to and in compliance with Decision No. 71791 IN Docket No. E-01851A-10-0101. I would appreciate if you would mail a conformed copy of the tariff back to me after it has been filed.

Thank you for your attention to this matter.

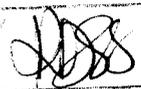
Sincerely,

HOFACKET & KRETEK, LLC

By: 
Charles C. Kretek

Enclosures

Arizona Corporation Commission
DOCKETED
JUL 23 2010

DOCKETED BY 

RECEIVED
2010 JUL 23 A 9:43
DOCKET CONTROL

COLUMBUS ELECTRIC COOPERATIVE, INC.

**ELECTRIC CONSUMER RATE
SCHEDULE ANM
STANDARD OFFER TARIFF**

NET METERING TARIFF

Availability

Net Metering service is an option for all customers of the Cooperative with a qualifying Net Metering Facility. Participation under this schedule is subject to availability of enhanced metering and billing system upgrades. The electric energy generated by or on behalf of the member from a qualifying Net Metering Facility and delivered to the Cooperative's distribution facilities may be used to offset electric energy provided by the Cooperative during the applicable billing period.

Net Metering Facility means a facility for the production of electricity that:

- a. Is operated by or on behalf of the customer and is located on the customer's premises;
- b. Is intended to provide part or all of the customer's requirements for electricity;
- c. Uses Renewable Resources, a Fuel Cell or CHP (as defined below);
- d. Has a generating capacity less than or equal to 125% of the customer's total connected load, or in the absence of customer load data, capacity less than or equal to the customer's electric service drop capacity; and
- e. Is interconnected with and can operate in parallel in phase with the Cooperative's existing distribution system.

Service under this tariff is available provided the rated capacity of the customer's Net Metering Facility does not exceed the Cooperative's service capacity. The customer shall comply with all of the Cooperative's interconnection standards. The customer is also required to sign and complete the Net Metering Application prior to being provided Net Metering Service. This service is also referred to as Partial Requirements Service.

Net Metering Facilities with generation capacity that exceeds 100 kilowatts, which are interconnected presently, or desire to become interconnected, may, at the Cooperative's option, be subject to the negotiated terms and conditions set forth in multilateral contracts among the customer, Tri-State Generation & Transmission Cooperative, Inc. and the Cooperative.

Monthly Service Charge

There is no additional monthly service charge for Net Metering. The monthly Service Charge shall be the same as the non-net metering tariff that the customer would use if they did not choose to Net Meter.

**NET METERING TARIFF
SCHEDULE ANM**

Metering

Metering installed for the service provided under this tariff shall be capable of registering and accumulating the kilowatt-hours (kWh) of electricity flowing in both directions in a billing period.

The customer requesting Net Metering shall pay for the incremental cost difference of the bi-directional meter required for Net Metering and the standard meter. The following additional monthly charges shall apply.

Single-Phase \$0.89
Three-Phase \$2.35

Monthly Billing

If the kWh supplied by the cooperative exceeds the kWh that are generated by the customer's Net Metering Facility and delivered back to the cooperative during the billing period, the customer shall be billed for the net kWh supplied by the Cooperative in accordance with the rates and charges under the customer's standard rate schedule.

If the electricity generated by the customer's Net Metering Facility exceeds the electricity supplied by the Cooperative in the billing period, the customer shall be credited during the next billing period for the excess kWh generated. That is, the excess kWh during the billing period will be used to reduce the kWh supplied (not kW or kVA demand or customer charges) and billed by the Cooperative during the following billing period.

Customers taking service under time-of-use rates who are to receive credit in a subsequent billing period for excess kWh generated shall receive such credit during the next billing period during the on- or off- peak periods corresponding to the on- or off- peak periods in which the kWh were generated by the Customer.

The once per year "true up" will occur in September or when the account is closed, the Cooperative shall issue a check or billing credit to customers with Net Metering Facilities for the balance of any credit due in excess of amounts owed by the customer to the Cooperative for Non-Firm Power. The payment for any remaining credits shall be at the Cooperative's Annual Average Avoided Cost. Amounts over \$100.00 will be paid by check lesser amounts will be a billing credit. The Customer may also elect to donate the payment to Operation Round Up. Any payment for Firm Power will be pursuant to a separate contract.

Avoided Cost

The payment for the purchase of the excess kWh will be at Columbus' avoided cost of \$0.02735.

**NET METERING TARIFF
SCHEDULE ANM**

Definitions

1. Avoided Cost is defined as the average wholesale energy cost per kWh charged by the Cooperative's wholesale power supplier(s) during the previous 12 months calculated at the time of filing for approval of this tariff. The Avoided Cost will be applied in the September "true up" period or when a NET Meter Account is closed during the Net Metering Calendar Year.
2. Calendar Year: For the purpose of determining the billing credit for the balance of any credit due in excess of amounts owed by the customer to the Cooperative, the Calendar Year for Net Metering is defined as September 1 through August 31 (September billing cycle).
3. Renewable Resource means natural resources that can be replenished by natural processes, including Biomass, Biogas, Geothermal, Hydroelectric, Solar or Wind as defined in A.A.C. R14-2-2302(2) &(3).
4. Combined Heat and Power or CHP (also known as cogeneration) means a system that generates electricity and useful thermal energy in a single, integrated system such that the useful power output of the facility plus one-half the useful thermal energy output during any 12-month period must be no less than 42.5 percent of the total energy input of fuel to the facility.
5. Fuel Cell means a device that converts the chemical energy of a fuel directly into electricity without intermediate combustion or thermal cycles. The source of the chemical reaction must be from Renewable Resources.
6. Determining the customers 125% capacity from load data:
 - a. In the absence of demand data (for residential and small business) the highest 12 months (calendar year) kWh consumption in the previous three years, will be divided by 2190 (average annual PV production hours) to determine the 100% capacity level in kW which will achieve a "net zero" home or business. To which the 125% will be applied
 - b. For customers with a demand history it will be 125% of the highest demand in the most current 12 month period. Demand history can be obtained by a billing meter with a demand register.
7. Partial Requirements Services- Electric service provided to a customer that has an interconnected Net Metering Facility whereby the output from its electric generator(s) first supplies its own electric requirements and any excess energy (over and above its own requirements at any point in time) is then provided to the Company. The Company supplies the customer's supplemental electric requirements (those not met by their own generation facilities). This configuration may also be referred to as the "parallel mode" of operation.
8. Non-Firm Power- Electric power which is supplied by the Customer's generator at the Customer's option, where no firm guarantee is provided, and the power can be interrupted by the Customer at any time.

**NET METERING TARIFF
SCHEDULE ANM**

9. Firm Power- Power available, upon demand, at all times (except for forced outages) during the period covered by the Purchase Agreement from the customer's facilities with an expected or demonstrated reliability which is greater than or equal to the average reliability of the Company's firm power sources.
10. Standard Rate Schedule- Any of the Company's retail rate schedules with metered kWh charges.
11. Time Periods- Mountain Standard Time shall be used in the application of this rate schedule. Because of potential differences of the timing devices, there may be a variation of up to 15 minutes in timing for the pricing periods. On-peak and off-peak time periods will be determined by the applicable Standard Retail Rate Schedule.