

ORIGINAL

NEW APPLICATION



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BEFORE THE ARIZONA CORPORATION COMMISSION

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2011 JUN 30 P 4:22
AZ CORP COMMISSION
DOCKET CONTROL

E-01750A-11-0261

IN THE MATTER MOHAVE
ELECTRIC COOPERATIVE, INC.'S
APPLICATION FOR APPROVAL OF
NET METERING TARIFF REVISIONS.

DOCKET NO. E-01750A-11-
APPLICATION

Pursuant to A.R.S. §§ 40-365, 40-367, A.A.C. R14-2-2301, *et eq.*, and the terms of its Net Metering Service Tariff, Mohave Electric Cooperative, Inc. ("Mohave") through counsel undersigned, hereby submits its revised Net Metering Service Tariff. In support of this Application, attached are the following documents:

1. Revised Net Metering Service Tariff (Schedule NMS);
2. Marked copy of Schedule NMS reflecting changes to the Tariff; and
3. The avoided cost calculation spreadsheet.

Mohave respectfully requests that the Commission approve this Application on or before December 1, 2011 to correspond with the calendar year "true-up" period as provided in Schedule NMS.

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/ / /

Arizona Corporation Commission
DOCKETED

JUN 30 2011

DOCKETED BY
MR

1 RESPECTFULLY SUBMITTED this 30th day of June, 2011.

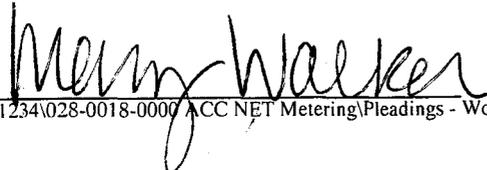
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3 CURTIS, GOODWIN, SULLIVAN,
UDALL & SCHWAB, P.L.C.

4
5 By: 
6 Michael A. Curtis
7 William P. Sullivan
8 501 East Thomas Road
9 Phoenix, Arizona 85012-3205
Attorneys for Mohave Electric Cooperative,
Inc.

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13 PROOF OF AND CERTIFICATE OF MAILING

14
15 I hereby certify that on this 30th day of June, 2011, I caused the foregoing
16 document to be served on the Arizona Corporation Commission by delivering the original and
thirteen (13) copies of the above to:

17 Docket Control
18 Arizona Corporation Commission
19 1200 West Washington
Phoenix, Arizona 85007

20
21 

22 1234\028-0018-0000 ACC NET Metering\Pleadings - Working\Revised Tariff 2011 Application

MOHAVE ELECTRIC COOPERATIVE, INC.
Bullhead City, Arizona

SCHEDULE NMS
NET METERING SERVICE

Effective Date: This Tariff is effective _____ pursuant to Arizona Corporation Commission ("ACC") Decision No. _____.

Availability

Net Metering service is available to all end-use retail customers of the Cooperative with metered kWh usage with a qualifying Net Metering Facility that uses Renewable Resources, a fuel cell or combined heat and power (CHP) to produce electricity at all points where facilities of adequate capacity and the required phase and suitable voltage are adjacent to the sites served. Service is subject to the rules and regulations of the Cooperative. This service is also referred to as Partial Requirements Service.

Application

Under Net Metering 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 as specified in this Tariff. Service under this Tariff is subject to: installation of a bidirectional meter; availability of enhanced metering and billing system upgrades; the rated capacity of the customer's Net Metering Facility not exceeding the Cooperative's service capacity; and the customer complying with all of the Cooperative's interconnection standards. The customer shall also be required to sign and complete a Net Metering Application prior to being provided Net Metering Service. A customer that installs a Net Metering Facility is not required to take service under this Tariff, but still must comply with the Cooperative's interconnection standards.

Type of Service

Electric Sales to the Cooperative must be single phase or three phase, 60 Hertz, at one standard voltage as may be selected by customer (subject to availability at the premises).

Definitions

Definitions below and contained in A.A.C. R14-2-2302 (some of which are set forth below) apply to Net Metering offered under this Tariff.

1. **Annual Average Avoided Cost** ("AAAC") means the average annual wholesale fuel and energy costs per kWh charged by the Cooperative's wholesale power supplier(s) during the calendar year, determined based upon the Cooperative's audited financial statement for the applicable Calendar Year. The Cooperative will submit an updated Net Metering Service Tariff to the ACC no later than July 15 each year for approval of the Annual Average Avoided Cost. The current avoided kWh cost, once approved by the ACC, will be available at every Cooperative office and will continue in effect until the next AAAC is effective, which shall be December 1st following the annual filing of an updated Net Metering Service Tariff, unless suspended or otherwise ordered by the Commission, prior thereto.

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Bullhead City, Arizona

SCHEDULE NMS
NET METERING SERVICE

2. **Calendar Year** means January 1 through December 31, 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.
3. **Combined Heat and Power or CHP** 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.
4. **Customer Supply** means energy (kWh) from a customer-owned Net Metering Facility that exceeds the customer's load at a point in time and is fed back into the Cooperative's electric system, as metered by the Cooperative.
5. **Customer Purchase** means energy (kWh) that is provided from the Cooperative to the customer to serve the load that is not being served by a customer-owned Net Metering Facility, as metered by the Cooperative.
6. **Excess Generation** means the Customer Supply (kWh) less the Customer Purchase (kWh) over a monthly billing period. For time-of-use rates the Excess Generation corresponding to the on and off peak periods is computed for on-peak and off-peak periods over the monthly billing period. (Not to be less than zero.)
7. **Firm Power** means power available, upon demand, at all times (except for forced outages) during the Contract Period from the customer's facilities with an expected or demonstrated reliability which is greater than or equal to the average reliability of the Cooperative's firm power sources.
8. **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.
9. **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 to generate electricity;
 - 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 with the Cooperative's existing distribution system.

The customer's 125% total connected load limit shall be determined:

- 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 (to

MOHAVE ELECTRIC COOPERATIVE, INC.
Bullhead City, Arizona

SCHEDULE NMS
NET METERING SERVICE

- determine the 100% capacity level in kW which will achieve a "net zero" home or business) and multiplied by 125%.
- b. For customers with a demand history it will be 125% of the highest demand in the most current 12 month period.
10. **Partial Requirements Service** means 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 by the Cooperative. The Cooperative supplies the customer's supplemental electrical requirements (those not met by their own generation facilities). This configuration may also be referred to as the "parallel mode" of operation.
11. **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.
12. **Standard Retail Rate Schedule** means any of the Cooperative's retail rate schedules with metered kWh charges.
13. **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 some variation in the timing for the pricing periods. In most instances the variation should not exceed 15 minutes. On-peak and off-peak time periods will be determined by the applicable Standard Retail Rate Schedule.

Metering

Customers served under this Tariff will require a bidirectional meter that will register and accumulate the net electrical requirements of the customer and shall have other capabilities similar to meter that is being replaced or that would be installed for the service (e.g., smart metering capabilities). The Cooperative will install such a meter at the customer's Net Metering Facility if proper metering is not already present. The incremental metering costs for bidirectional metering and the facility meter will be incurred by the Cooperative.

Billing

A. During the billing period for:

1. Customer Purchases in excess of Customer Supply

Cooperative shall bill the customer for the net kWh supplied by the Cooperative in accordance with the Cooperative's applicable Standard Retail Rate Schedule.

2. Customer Supply in excess of Customer Purchases (Excess Generation)

MOHAVE ELECTRIC COOPERATIVE, INC.
Bullhead City, Arizona

**SCHEDULE NMS
NET METERING SERVICE**

Cooperative shall credit the customer the Excess Generation kWh in subsequent billing periods to reduce the kWh supplied (not kW or kVa demand or customer charges).

- B. For customers taking service under time-of-use rates, Customer Supply and Customer Purchases will be segmented by on-peak and off-peak periods. Excess Generation kWh credits will be applied to the time-of-use periods in which the kWh were generated by the customer.
- C. Basic Service Charges and Demand charges (either metered or contract) and all other elements of the Cooperative's applicable Standard Retail Rate Schedule will continue to apply in full, except that the monthly "Customer Charge" for the applicable Optional Time-of-Use Rate will be applied whether or not the customer has elected the Time-of-Use rate.
- D. For the last billing period of each Calendar Year or for the last billing period at the time the customer discontinues taking service under this rate schedule:

The Cooperative shall issue a billing credit to the customer for any remaining Excess Generation balance. In the event the customer's electric service is terminated, after applying a billing credit for any Excess Generation up to the amount the customers owe the Cooperative, the Cooperative shall issue a check for the remaining value of the Excess Generation balance. The payment or credit will be determined at the Cooperative's AAAC, which shall be updated annually and are as specified below:

Annual Purchase Rate (¢/kWh): \$0.03912

Any payment for Firm Power will be pursuant to a separate contract.

- E. An Administrative Charge may be charged by the Cooperative to collect new or additional costs the Cooperative incurs associated with the provision of Net Metering service (such as additional data communication access and billing costs) upon filing with and approval of such charge by the Arizona Corporation Commission pursuant to A.A.C. R14-2-2305.

Contract Period

Any applicable contract period(s) will be set forth in an Agreement between the customer and the Cooperative.

MOHAVE ELECTRIC COOPERATIVE, INC.
Bullhead City, Arizona

SCHEDULE NMS
NET METERING SERVICE

Effective Date: This Tariff is effective January 20, 2011- _____ pursuant to Arizona Corporation Commission ("ACC") Decision No. 72087 _____.

Availability

Net Metering service is available to all end-use retail customers of the Cooperative with metered kWh usage with a qualifying Net Metering Facility that uses Renewable Resources, a fuel cell or combined heat and power (CHP) to produce electricity at all points where facilities of adequate capacity and the required phase and suitable voltage are adjacent to the sites served. Service is subject to the rules and regulations of the Cooperative. This service is also referred to as Partial Requirements Service.

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MOHAVE ELECTRIC COOPERATIVE, INC.
Bullhead City, Arizona

SCHEDULE NMS
NET METERING SERVICE

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NET METERING SERVICE

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2. Customer Supply in excess of Customer Purchases (Excess Generation)

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Bullhead City, Arizona

SCHEDULE NMS
NET METERING SERVICE

Cooperative shall credit the customer the Excess Generation kWh in subsequent billing periods to reduce the kWh supplied (not kW or kVa demand or customer charges).

- B. For customers taking service under time-of-use rates, Customer Supply and Customer Purchases will be segmented by on-peak and off-peak periods. Excess Generation kWh credits will be applied to the time-of-use periods in which the kWh were generated by the customer.
- C. Basic Service Charges and Demand charges (either metered or contract) and all other elements of the Cooperative's applicable Standard Retail Rate Schedule will continue to apply in full, except that the monthly "Customer Charge" for the applicable Optional Time-of-Use Rate will be applied whether or not the customer has elected the Time-of-Use rate.
- D. For the last billing period of each Calendar Year or for the last billing period at the time the customer discontinues taking service under this rate schedule:

The Cooperative shall issue a billing credit to the customer for any remaining Excess Generation balance. In the event the customer's electric service is terminated, after applying a billing credit for any Excess Generation up to the amount the customers owe the Cooperative, the Cooperative shall issue a check for the remaining value of the Excess Generation balance. The payment or credit will be determined at the Cooperative's ~~Annual Average Avoided Cost~~ AAAC, which shall be updated annually and are as specified below:

Annual Purchase Rate (¢/kWh): ~~\$0.0425~~ \$0.03912

Any payment for Firm Power will be pursuant to a separate contract.

- E. An Administrative Charge may be charged by the Cooperative to collect new or additional costs the Cooperative incurs associated with the provision of Net Metering service (such as additional data communication access and billing costs) upon filing with and approval of such charge by the Arizona Corporation Commission pursuant to A.A.C. R14-2-2305.

Contract Period

Any applicable contract period(s) will be set forth in an Agreement between the customer and the Cooperative.

Mohave Electric Cooperative, Inc.
 Cost of Power Recitation
 For the Year 2010



A Touchstone Energy® Cooperative

725,149,471

KWh Purchased

	KWh	Total \$ Costs 2010	True Avoided Cost
AEPco			
Member Billing Energy	657,399,000	13,627,881.27	13,627,881.27
Power Cost Adjustor	657,399,000	11,808,216.44	11,808,216.44
TOTAL AMOUNTS PAID TO AEPco		25,436,097.71	25,436,097.71
WESTERN AREA POWER ADMINISTRATION			
Parker Davis Power System		0.00	0.00
WALC Control Area Sales-Contract 06-DSR-11749		0.00	0.00
TOTAL AMOUNTS PAID TO WESTERN AREA POWER ADMINISTRATION		0.00	0.00
POWEREX			
CZH528	10,472,000	755,426.00	755,426.00
TOTAL AMOUNTS PAID TO POWEREX		755,426.00	755,426.00
AES			
	56,886,471	2,166,089.48	2,166,089.48
TOTAL AMOUNTS PAID TO AES		2,166,089.48	2,166,089.48
OTHER (WSPP)			
	392,000	10,126.00	10,126.00
TOTAL AMOUNTS PAID TO OTHER (WSPP)		10,126.00	10,126.00
TOTAL ALL POWER		28,367,739.19	28,367,739.19
Avoided Cost in \$/KWh			0.03912