

ORIGINAL



BEFORE THE ARIZONA CORPORATION COMMISSION

COMMISSIONERS  
GARY PIERCE, CHAIRMAN  
BOB STUMP  
SANDRA D. KENNEDY  
PAUL NEWMAN  
BRENDA BURNS

IN THE MATTER OF THE APPLICATION OF  
MOHAVE ELECTRIC COOPERATIVE, INC.  
FOR APPROVAL OF ITS 2012 RENEWABLE  
ENERGY STANDARD AND TARIFF PLAN,  
INCLUDING A RENEWABLE ENERGY  
STANDARD TARIFF

DOCKET NO. E-01750A-11-0270

COMPLIANCE FILING

Mohave Electric Cooperative, Incorporated ("MEC"), through its undersigned  
attorneys, hereby makes a compliance filing as required by AAC R14-2-1812(A) and (B).

DATED this 25<sup>th</sup> day of April, 2012.

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

Arizona Corporation Commission  
DOCKETED

APR 26 2012

DOCKETED BY [Signature]

By: [Signature]  
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PROOF OF AND CERTIFICATE OF MAILING

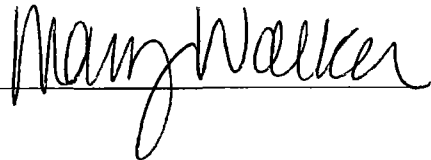
I hereby certify that on this 26<sup>th</sup> day of April, 2012, I caused the foregoing document to be served on the Arizona Corporation Commission by delivering the original and thirteen (13) copies of the above to:

Docket Control  
Arizona Corporation Commission  
1200 West Washington  
Phoenix, Arizona 85007

Copy of the foregoing sent via electronic mail this 26<sup>th</sup> day of April, 2012 to:

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**MOHAVE ELECTRIC COOPERATIVE, INC.**  
**RENEWABLE ENERGY STANDARD AND TARIFF**  
**COMPLIANCE REPORT FOR 2011**

**INTRODUCTION**

Pursuant to A.A.C. R14-2-1812, Mohave Electric Cooperative, Inc. ("MEC"), submits this compliance report for calendar year 2011. This report relates to the Cooperative's REST Plan for 2011 which was approved by the Commission in Decision No. 72092 dated January 20, 2011 (the "REST Plan").

**EXECUTIVE SUMMARY**

The REST Plan uses surcharge dollars from MEC's Commission-approved retail tariffs to support programs for developing renewable facilities, purchasing renewable energy and participation in large-scale renewable generation projects. Funds are also used for administration, advertising and educational activities.

The REST Plan for 2011 was approved pursuant to R14-2-1814. R14-2-1814 provides that, upon approval of the Participating Cooperative's REST Plan, its provisions substitute for the Annual Renewable Energy and Distributed Renewable Energy requirements of Rules 1804 and 1805, respectively.

**2011 INSTALLATIONS AND ENERGY GENERATED**

In 2011, 71 new Photovoltaic ("PV") locations were installed in MEC's service area. All of these new systems were located on-grid for a total installed capacity of 744.1 kW. All of these new systems are distributed generation (50 residential and 21 commercial, including schools).

In 2011, 1 new residential small wind system was installed in MEC's service area totaling an installed capacity of 1.9 kW.

In 2011, 2 new residential solar water heating systems were installed in the MEC service area. These new systems are expected to save approximately 4,960 kWh per year.

These additions bring the number of installations in MEC's service area by the end of 2011 to 247. This includes 218 PV installations (all on-grid) with a total installed capacity of 1,601 kW, 25 wind installations with a total capacity of 55 kW, and 4 solar water heating installations expected to save approximately 10,500 kWh per year.

MEC participates in three projects in conjunction with other electric Cooperatives: 34.1% share of the AEPCO Headquarters 25 kW utility-owned PV system--MEC's share is 16,063 kWh annually; AEPCO Joint SunWatts project--MEC's share is 390,707 kWh annually; Willcox Greenhouse Geothermal Project ("WGH")--MEC's share of the energy capacity for 2011 in WGH was 1,115,589 kWh.

#### **R14-2-1812 INFORMATION**

Pursuant to R14-2-1812.B, MEC supplies the following information:

1. The estimated annualized kWh of energy obtained from Eligible Renewable Energy Resources in 2011 was 4,442,947 kWh. MEC does not track the actual metered output of their distributed generation ("DG") resources. The 4,442,947 kWh reflects an estimated annual kWh output of 2,190 kWh per installed kW installed.
2. The kWh of energy obtained from Eligible Renewable Energy Resources normalized to reflect a full year's production is 5,013,298 kWh.
3. The kW of generation capacity, disaggregated by technology type is 1601 kW for all PV installations, 55 kW for all small wind installations, 4.8 kW for all solar water heater installations.
4. Cost information in cents per kWh for the actual energy obtained from Eligible Renewable Energy Resources is \$.043 per kWh and \$94.17 per kW for energy generated from PV; \$.057 per kWh and \$124.83 per kW for energy generated from wind; \$.040 per kWh and \$87.60 per kW for energy saved from solar water heaters.<sup>1</sup>

Note: The calculations are based upon a twenty (20) year Renewable Energy Credit (REC) term.

5. The Renewable Energy Credits in relation to the Annual Renewable Energy Requirement are 4,442,947 kWh.<sup>2</sup> The Renewable Energy Credits used to satisfy the Distributed Renewable Energy Requirement are 5,013,298 kWh.
6. Concerning resource acquisition procedures, MEC is a Rural Utilities Services ("RUS") borrower and is subject to RUS procedures on resource acquisition as specified in the Code of Federal Regulations (generally, 7 CFR § 1710, *et seq.*). No RFPs for renewable resources were issued by MEC in 2011.

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<sup>1</sup> The cost information included in this report for the renewable installations is based upon eligible rebates to customers. Rebates are paid as funds become available.

<sup>2</sup> As stated previously, R14-2-1814 provides that, upon approval of the Participating Cooperatives' REST Plan, its provisions substitute for the energy requirements of Rules 1804 and 1805.