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BEFORE THE ARIZONA CORPORATION COMMISSION

COMMISSIONERS

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IN THE MATTER OF THE APPLICATION OF)
TRICO ELECTRIC COOPERATIVE, INC. FOR)
APPROVAL OF ITS 2014 RENEWABLE)
ENERGY STANDARD TARIFF)
IMPLEMENTATION PLAN.)
)
)
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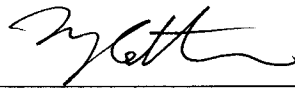
DOCKET NO. E-01461A-13-0231

NOTICE OF FILING
COMPLIANCE

Trico Electric Cooperative, Inc. ("Trico") hereby files the attached Compliance Report relating to Trico's 2014 Renewable Energy Standard and Tariff Plan in compliance with A.A.C. R14-2-1812.

RESPECTFULLY SUBMITTED this 27th day of March 2015.

TRICO ELECTRIC COOPERATIVE, INC.

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Original and 13 copies of the foregoing filed this 27th day of March 2015 with:

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

Arizona Corporation Commission

DOCKETED

MAR 27 2015

DOCKETED BY 

1 Copy of the foregoing hand-delivered/mailed
this 27th day of March 2015 to:

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4 Utilities Division
5 Arizona Corporation Commission
6 1200 West Washington
7 Phoenix, Arizona 85007

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**Renewable Energy Standard and Tariff
Compliance Report
Compliance Year 2014**

**Trico Electric Cooperative, Inc.
Renewable Energy Standard and Tariff
Compliance Report
Compliance Year 2014**

INTRODUCTION

Pursuant to A.A.C. R14-2-1812, Trico Electric Cooperative, Inc. ("Trico") submits this compliance report for calendar year 2014. This report relates to Trico's 2014 Renewable Energy Standard and Tariff Plan ("REST Plan"), approved by the Arizona Corporation Commission (the "Commission") in Decision No. 74169 dated October 25, 2014.

EXECUTIVE SUMMARY

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

The REST Plan for 2014 was approved pursuant to R14-2-1814. R14-2-1814 provides that, upon Commission approval of Trico's REST Plan, its provisions substitute for the Annual Renewable Energy and Distributed Renewable Energy requirements of Rules 1804 and 1805, respectively.

2014 INSTALLATIONS AND ENERGY GENERATED

In 2014, 308 new Photovoltaic ("PV") systems were installed in Trico's service area. Of these new systems, all of them were on-grid for a total installed capacity of 2,128 kW. Additionally, of these new systems, all 308 are distributed generation (307 residential and 1 commercial).

In 2014, 8 new solar water heating systems were installed in Trico's service area. All of these new systems were residential installations expected to save approximately 22,337 kWh per year.

These additions bring the total number of renewable generation installations in Trico's service area by the end of 2014 to 1,116. This includes 907 PV installations (1 off-grid, 906 on-grid) with a total installed capacity of 11,622 kW, 2 wind installations with a total capacity of 4.8 kW and 207 solar water heating installations expected to save approximately 572,804 kWh per year.

2014 REQUIRED REPORTING INFORMATION

The ACC requested that the Electric Utilities develop a standard REST reporting format. Trico submits the following tables to meet this requirement (see attached tables).

Table 1a – Renewable Resources
Table 1b – Compliance Summary
Table 2b – RES Cash Incentive Costs

The following tables were not included because they are not applicable to Trico's REST program

Table 2a - RES Resource Costs
Implementation Plan Table 1 – Targeted Resources
Implementation Plan Table 2 – Targeted RES Resources Costs

Compliance Report - Energy

Table 1a - Renewable Resources

Resource	Technology	Ownership	MWac ¹	MWdc ¹	Production (Actual) + (Annualized) ²	Multiplier Credits	Total MWh or Equivalent
GENERATION:							
	Photovoltaic - Sun Farm Utility	Utility		0.227	442	-	442
<i>Gross Total (if needed)</i>							
<i>Adjustments (if needed)</i>							
Subtotal Generation				0.227	442	-	442 (A)
DISTRIBUTED ENERGY (DE):							
<i>Residential:</i>							
	Photovoltaic	Customer		5.615	12,297	-	12,297
	Solar Water Heating	Customer		0.257	563	-	563
	Wind	Customer		0.005	11	-	11
<i>Gross Total (if needed)</i>							
<i>Adjustments (if needed)</i>							
Subtotal Residential				5.877	12,870	-	12,870 (B)
<i>Non-Residential:</i>							
	Photovoltaic	Customer		5.840	1,473	-	1,473
	Solar Water Heating	Customer		0.004	9	-	9
	Wind	Customer		-	-	-	-
<i>Gross Total (if needed)</i>							
<i>Adjustments (if needed)</i>							
Subtotal Non-Residential				5.845	1,482	-	1,482 (C)
Subtotal Distributed Energy (B+C)				11.721	14,353	-	20,996 (D)
Total RES Resources (A+D)				11.948	7,085	-	21,438 (E)
Total MWac equivalent³							

Notes to Table 1:

- ¹ Generation capacity is generally reported in MWac and DE is generally reported in MWdc.
- ² Assumes 2,190 kWh/yr per installed kW for non-metered or current year installed residential PV systems, and 2,190 kWh/yr per installed kW for similar non-residential systems.
- ³ Represents the total RES portfolio capacity in MWac. Assumes a 0% dc-ac conversion factor applied to MWdc capacity.

Compliance Report - Energy

Table 1b - Compliance Summary

Category	Metric	%	Compliance Measure (MWh)	RES Resources (MWh or Equivalent)
Retail Sales	671,749	4.5%	30,229	
Prior year carrying balance ¹			-	(F)
2014 Total RES Resources	<i>From (E) in Table 1a)</i>		21,438	(E)
2014 Total RES Requirement	% of Retail Sales	N/A		
DE Requirement	% of RES Requirement	N/A		
<i>DE Sub-Requirements:</i>				
Residential DE	% of DE Requirement	N/A		(G)
Non-Residential DE	% of DE Requirement	N/A		(H)
Non-DE Target	% of RES Requirement	N/A		(I)
Resources Used for 2014 Compliance (G + H + I)				
			-	(J)
End 2014 carrying balance (F + E - J)			21,438	(K)

Notes to Table 1b:

¹The RES-eligible resource carrying balance is accounted for using FIFO methodology, wherein the entire carrying balance is applied to the RES requirement and the year-end carrying balance consists of current year remaining resources.

Table 2b - RES Cash Incentive Costs

2014 Distributed Energy Cash Incentive Program Costs							
	MW	MWh	Up-Front Incentives		Production-Based Incentives		2014 Total Incentives Paid (\$)
			(\$/MW) ¹	(\$/MWh) ¹	(\$/MW)	(\$/MWh)	
Residential:							
Photovoltaic (UFI)	2.112	4,625	891	0	-	-	1,882
Photovoltaic (PBI)	-	-	-	-	-	-	913
Solar Water Heating	0.010	22	876,000	400	-	-	8,935
Wind	-	-	-	-	-	-	-
<i>Subtotal: Residential</i>	<i>2.122</i>	<i>4,648</i>	<i>5,527</i>	<i>3</i>	<i>-</i>	<i>-</i>	<i>11,730</i>
Non-Residential:							
Photovoltaic (UFI)	0.160	-	-	-	-	-	-
Photovoltaic (PBI) ²	-	-	-	-	-	-	407,697
Solar Water Heating	-	-	-	-	-	-	-
Wind	-	-	-	-	-	-	-
<i>Subtotal: Non-Residential</i>	<i>0.160</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>407,697</i>
Total DE Incentive Costs							419,427

Notes to Table:

¹ Based on expected annual system production.

² No new installations in 2014. Incentives paid reflect PBI payments for previous year(s) installations.