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DOCKET CONTROL

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IN THE MATTER OF THE APPLICATION OF) DOCKET NO. E-01461A-12-0295
 TRICO ELECTRIC COOPERATIVE, INC. FOR)
 APPROVAL OF ITS 2013 RENEWABLE ENERGY) **NOTICE OF FILING**
 STANDARD TARIFF IMPLEMENTATION PLAN.) **COMPLIANCE**
)
)

Trico Electric Cooperative, Inc. ("Trico") hereby files the attached Compliance Report relating to Trico's 2013 Renewable Energy Standard and Tariff Plan in compliance with A.A.C. R14-2-1812.

RESPECTFULLY SUBMITTED this 26th day of March 2014.

By 

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Attorneys for Trico Electric Cooperative, Inc.

Arizona Corporation Commission
DOCKETED

MAR 26 2014

DOCKETED BY	
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1 Original and thirteen copies of the foregoing
filed this 26th day of March 2014, with:

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

6 Copy of the foregoing hand-delivered
this 26th day of March 2014 to:

7 Brian Bozzo
8 Compliance Manger, Utilities Division
9 Arizona Corporation Commission
1200 West Washington Street
10 Phoenix, Arizona 85007

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12 Jacklyn Howard
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**Renewable Energy Standard and Tariff
Compliance Report
Compliance Year 2013**

**Trico Electric Cooperative, Inc.
Renewable Energy Standard and Tariff
Compliance Report
Compliance Year 2013**

INTRODUCTION

Pursuant to A.A.C. R14-2-1812, Trico Electric Cooperative, Inc. ("Trico") submits this compliance report for calendar year 2013. This report relates to Trico's 2013 Renewable Energy Standard and Tariff Plan ("REST Plan"), approved by the Arizona Corporation Commission (the "Commission") in Decision No. 73634 dated January 31, 2013.

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 2013 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.

2013 INSTALLATIONS AND ENERGY GENERATED

In 2013, 167 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 5,323 kW. Additionally, of these new systems, all 167 are distributed generation (164 residential and 3 commercial).

In 2013, 22 new solar water heating systems were installed in Trico's service area. All of these new systems were residential installations expected to save approximately 65,809 kWh per year.

These additions bring the total number of renewable generation installations in Trico's service area by the end of 2013 to 800. This includes 599 PV installations (1 off-grid, 598 on-grid) with a total installed capacity of 9,501 kW, 2 wind installations with a total capacity of 4.8 kW and 199 solar water heating installations expected to save approximately 550,467 kWh per year.

2013 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			0.227	104	-	104
Gross Total (if needed)							
Adjustments (if needed)							
Subtotal Generation							
				0.227	104	-	104 (A)
DISTRIBUTED ENERGY (DE):							
Residential:							
Photovoltaic	Customer			3.450	7,555	-	7,555
Solar Water Heating	Customer			0.247	541	-	541
Wind	Customer			0.005	11	-	11
Gross Total (if needed)							
Adjustments (if needed)							
Subtotal Residential							
				3.702	8,106	-	8,106 (B)
Non-Residential:							
Photovoltaic	Customer			5.824	1,438	-	1,438
Solar Water Heating	Customer			0.004	9	-	9
Wind	Customer			-	-	-	-
Gross Total (if needed)							
Adjustments (if needed)							
Subtotal Non-Residential							
				5.828	1,447	-	1,447 (C)
Subtotal Distributed Energy (B + C)							
				9.530	9,554	-	9,554 (D)
Total RES Resources (A + D)							
				9.757	9,554	-	9,554 (E)
Total MWac equivalent							

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	662,065	4.5%	29,793	-	(F)
Prior Year carrying balance				12,510	(E)
2013 Total RES Resources				12,510	(E)
2013 Total RES Requirement	% of Retail Sales	N/A			(G)
DE Requirement	% of RES Requirement	N/A			(H)
DE Sub-Requirements:					(I)
Residential DE	% of DE Requirement	N/A			(I)
Non-Residential DE	% of DE Requirement	N/A			(I)
Non-DE Target	% of RES Requirement	N/A			(I)
Resources Used for 2013 Compliance	(G + H + I)				(J)
End 2013 carrying balance	(F - J)		12,510	12,510	(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

2013 Distributed Energy Cash Incentive Program Costs

	MW	MWh	Up-Front Incentives		Production-Based Incentives		2013 Total Incentives Paid (\$)
			(\$/MW) ¹	(\$/MWh) ¹	(\$/MW)	(\$/MWh)	
Residential:							
Photovoltaic (UFI)	0.960	2,103	135,973	62	-	-	130,554
Photovoltaic (PBI)	0.020	31	-	-	40,794	26	795
Solar Water Heating	0.030	66	876,000	400	-	-	26,270
Wind	-	-	-	-	-	-	-
Subtotal: Residential	1.010	2,199	156,115	72	40,794	26	157,620
Non-Residential:							
Photovoltaic (UFI)	-	-	-	-	-	-	-
Photovoltaic (PBI) ²	5.168	2,853	-	-	55,821	101	288,462
Solar Water Heating	-	-	-	-	-	-	-
Wind	-	-	-	-	-	-	-
Subtotal: Non-Residential	5.168	2,853	-	-	55,821	101	288,462
Total DE Incentive Costs							446,082

Notes to Table:

¹ Based on expected annual system production.

² Includes 3.8 MW annual capacity for new system that went into service in December 2013