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BEFORE THE ARIZONA CORPORATION COMMISSION

Arizona Corporation Commission

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AZ CORP COMMISSION
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IN THE MATTER OF THE APPLICATION OF) DOCKET NO. E-01461A-14-0216
TRICO ELECTRIC COOPERATIVE, INC. FOR)
APPROVAL OF ITS 2015 RENEWABLE)
ENERGY STANDARD TARIFF)
IMPLEMENTATION PLAN.) APPLICATION

Trico Electric Cooperative, Inc. ("Trico" or the "Company") submits its 2015 Renewable Energy Standard and Tariff Implementation Plan ("2015 REST Plan") for Arizona Corporation Commission ("Commission") approval. Trico provides the following Plan information:

I. BACKGROUND.

Trico is an Arizona nonprofit corporation that is certified to provide electricity as a public service corporation in the State of Arizona. Trico is a distribution cooperative member of Arizona Electric Power Cooperative ("AEPSCO"). Trico has had its own REST Plan since 2011.¹ The Commission approved Trico's 2011 REST Plan in Decision No. 72086 (January 20, 2011), Trico's 2012 REST Plan in Decision No. 73087 (April 5, 2012), Trico's 2013 REST Plan in Decision No. 73634 (January 31, 2013) (amended nunc pro tunc in Decision No. 73776 (March 21, 2013)) and Trico's 2014 REST Plan in Decision No. 74169 (October 25, 2013).

II. OVERVIEW OF 2015 REST PLAN.

Trico's proposed 2015 REST Plan is attached to this pleading as Exhibit A. Trico is submitting its 2015 REST Plan pursuant to the section within the REST Rules specifically addressing electric power cooperatives (A.A.C. R14-2-1814), which allows a cooperative like

¹ Until 2011, AEPSCO had filed REST Plans on behalf of itself and several of its member distribution cooperatives, including Trico.

1 Trico to file “an appropriate plan for acquiring Renewable Energy Credits from Eligible
2 Renewable Energy Resources for the next calendar year.”

3 Trico’s 2015 REST Plan includes the same renewable energy programs and initiatives as
4 the approved 2014 REST Plan. Trico’s proposed 2015 REST budget of \$852,641 has a slight
5 decrease from the 2014 REST budget of \$883,858. Further, Trico projects a carryover of \$1.4
6 million in budget dollars into 2015. As a result, Trico’s 2015 REST Plan includes a temporary
7 reduction to the existing REST surcharge energy rate and monthly dollar caps, for all customer
8 classes, to zero dollars.

9 As with its previous REST Plans, Trico proposes to continue the provision that any
10 allocated funds not used in the plan year may be used to support any of the programs within
11 Trico’s 2015 REST Plan. Trico must have this flexibility to maintain and maximize successful
12 programs.

13 **III. PROPOSED SURCHARGE RATES AND CAPS IN TRICO’S 2015 RES TARIFF.**

14 In Trico’s tariff for 2015 (“RES Tariff”), Trico proposes a temporary reduction from
15 \$0.001360 per kWh to zero for its residential and non-residential member customers. For
16 governmental and agricultural member customers, Trico also proposes to reduce its rate from
17 \$0.000250 per kWh to zero.

18 Trico also proposes to reduce its monthly caps from the caps approved in its 2014 REST
19 Plan to zero: (from \$0.70 per-month RES Tariff maximum per residential customer, from \$34 per-
20 month maximum for non-residential customers with less than or equal to 3 MW of demand; from
21 \$650 per-month maximum for non-residential customers with over 3 MW of demand; and from
22 \$10.50 per-month maximum for agricultural and governmental customers.) These proposed
23 changes are reflected in Exhibit 6 attached to Trico’s proposed 2015 REST Plan.

24 The surcharge reductions are the result of having a projected \$1.4 million carryover budget
25 from 2014 into 2015.

26
27

1 **IV. OTHER COMPONENTS OF TRICO'S 2015 REST PLAN.**

2 Trico proposes to maintain its seven SunWatts programs for its 2015 REST Plan,
3 including: (1) the Green Energy Purchase Program; (2) the Residential and Commercial PV
4 Interconnection Program; (3) the Large-Scale Generation Program; (4) the Educational Grant
5 Program; (5) the Habitat for Humanity Program; (6) the PV for Schools Program; and (7) the
6 Generation Metering Program.

7 Trico is requesting to maintain its zero dollar Up-Front Incentive ("UFI") for customer
8 owned and leased PV systems (residential and commercial). Only PV systems up to 10 kW in size
9 were eligible for UFIs in the past. For solar water heater systems, Trico proposes to continue its
10 UFI rebate of \$0.40 per kWh of energy saved during the first year of operation. Trico proposes to
11 suspend its Performance Based Incentive ("PBI") associated with new installations of Large-Scale
12 Generation Systems over 10 kW in 2015.

13 Regarding Trico's RES tariffs – the "Renewable Energy Customer Self-Directed Tariff,"
14 the "Voluntary Renewable Energy Standard Tariff," the "Net Metering Tariff," and the "SunWatts
15 Sun Farm Tariff" (Exhibits 4, 5, 7 and 8 to Trico's proposed 2015 REST Plan) – Trico is
16 proposing no changes to those tariffs.

17 **V. CONCLUSION.**

18 WHEREFORE, for the reasons set forth herein, Trico respectfully requests that the
19 Commission issue an Order:

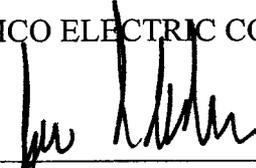
- 20 (1) Approving Trico's proposed 2015 REST Plan;
- 21 (2) Approving Trico to move REST dollars between its various programs so it has the
22 flexibility to maintain and maximize successful programs;
- 23 (3) Approving Trico's RES Tariff and temporarily reducing rates and caps to zero in
24 2015;
- 25 (4) Suspending Trico's PBI associated with installation of new renewable generation
26 over 10 kW in 2015; and

27

1 (5) Continuing to allow the recovery of the lifetime costs of PBIs for the full term of
2 the contracts underlying the PBIs for generation installed before 2015.

3 RESPECTFULLY SUBMITTED this 27th day of June 2014.

4 TRICO ELECTRIC COOPERATIVE, INC.

5
6 By  _____

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8 Jason D. Gellman
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13 Attorneys for Trico Electric Cooperative, Inc.

14 Original and 13 copies of the foregoing
15 filed this 27th day of June 2014 with:

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

20 Copy of the foregoing hand-delivered/mailed
21 This 27th day of June 2014 to:

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Exhibit-A

Trico Electric Cooperative, Inc.
REST Plan for Calendar Year 2015

A.A.C. R14-2-1814

July 1, 2014

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- Exhibit 1 – Distributed Renewable Technologies Supported by the 2015 REST Plan
- Exhibit 2 – Renewable Energy Forecast
- Exhibit 3 – Proposed Trico 2015 REST Plan Budget
- Exhibit 4 – Renewable Energy Customer Self-Directed Tariff
- Exhibit 5 – Voluntary Renewable Energy Standard Program Tariff
- Exhibit 6 – Renewable Energy Standard Tariff
- Exhibit 7 – Net Metering Tariff
- Exhibit 8 – SunWatts Sun Farm Tariff
- Exhibit 9 – Required Reporting Information

I. BACKGROUND

Trico Electric Cooperative, Inc. (“Trico”) has prepared this Renewable Energy Standard and Tariff (“REST”) Plan for calendar year 2015 (the “2015 REST Plan”), pursuant to the REST rules approved in Decision No. 69127 dated November 14, 2006 which took effect following Attorney General certification on August 14, 2007 (“REST Rules”).

The REST Rules contain a section that specifically addresses electric power cooperatives. A.A.C. R14-2-1814 instructs the cooperatives to file “an appropriate plan for acquiring Renewable Energy Credits from Eligible Renewable Energy Resources for the next calendar year.” Upon Commission approval, the provisions of the plan substitute for the requirements of A.A.C. R14-2-1804 and R14-2-1805 for Trico.

Trico’s current 2014 REST Plan and its most recent revision to its RES tariffs were approved by the Arizona Corporation Commission (“Commission”) in Decision No. 74169, on October 25, 2013.

Pursuant to the REST Rules, Trico submits this 2015 REST Plan for calendar year 2015.

II. TRICO’S 2015 REST Plan

The 2015 REST Plan includes continued interconnection for residential and commercial photovoltaic (“PV”) installations, rebates for solar water heating installations and existing performance based incentives approved under previous REST Plans. Trico’s renewable generation programs are referred to as SunWatts. Trico will use surcharge dollars and proceeds from consumer participation in the Green Energy Purchase Program, hereinafter defined, to fund renewable programs.

The proposed 2015 REST Plan continues rebates for all technologies that were approved as part of the 2014 REST Plan. Funds will also be used to pay for a portion of the administration, advertising and promotion of the SunWatts programs.

There are seven SunWatts programs that make up Trico's 2015 REST Plan, which include: (1) the Green Energy Purchase Program; (2) the Residential and Commercial PV Interconnection Program; (3) the Large-Scale Generation Program; (4) the Educational Grant Program; (5) the Habitat for Humanity Program; (6) the PV for Schools Program; and (7) the Generation Metering Program. Each of these programs is described below.

Additional renewable energy initiatives include the availability of Net Metering through Trico's approved Net Metering Tariff, Decision No. 71462, dated January 26, 2010, as well as Trico's participation in the "Go Solar AZ Website", pursuant to Decision No. 71453, and Trico's approved Community Solar Project ("SunWatts Sun Farm"), located at Trico's facility.

(1) SunWatts Green Energy Purchase Program: This is an existing program whereby Trico's retail customers are given the opportunity to voluntarily support the purchase of "green energy." Green energy is offered to customers for purchase in 50 kWh blocks at a cost of \$2.00 per block. Green energy purchases are reflected as a line item on participating customers' retail bills. All funds received are used in support of the 2015 REST Plan programs. Advertising and other promotional activities encourage participation in this program and will continue as conducted under the 2014 REST Plan.

(2) SunWatts Residential and Commercial PV Interconnection Program: This is an existing program where Trico assists customers with the interconnection of PV

systems to encourage the installation of qualifying solar PV. Trico also offers incentives for the installation of solar water heating systems and other renewable technologies, as applicable.

(a) PV systems up to 10 kW in system size:

Trico is requesting to maintain its zero dollar Up-Front Incentive (“UFI”), for customer owned and leased PV systems. Because Trico is no longer paying upfront incentives for distributed generation, Trico seeks a compliance waiver to the extent necessary under Decision No. 74365 (February 26, 2014), pending the resolution of Docket No. RE-00000C-14-0112 (Proposed Rulemaking to Modify the Renewable Energy Standard in Accordance with Decision No. 74365).

(b) Solar Water Heater Systems:

As currently offered under the 2014 REST Plan, Trico proposes to continue its UFI rebate equal to \$0.40 per kWh of energy saved during the system’s first year of operation. Only systems certified by the Solar Ratings and Certification Corporation (“SRCC”) or the International Association of Plumbing and Mechanical Officials (“IAPMO”) as being OG-300 are eligible for this rebate. A list of OG-300 certified Solar Systems is available at SRCC’s website at www.solar-rating.org or at the IAPMO website at <http://pld.iapmo.org>. In addition, the customer contribution to the cost of the solar water heater project must be a minimum of 15% of the total project cost after accounting for and applying all federal and state incentives. Rebates for solar water heaters will be distributed on a first-come, first-served basis and will be available until such time as the budget for the program is exhausted. At such time that the rebate budget

is exhausted, customers will be placed on a rebate reservation waiting list. Solar swimming pool heating systems are not eligible for the rebate.

(c) Generation Metering Program:

In 2014, approved under Trico's 2013 REST Plan, Trico began installing its own meter that measures the output of the PV generation on all new and existing PV systems. For 2015, Trico proposes to continue this program as currently offered, whereby Trico allocates a portion of the budget to installing Trico owned PV generation meters on all residential and commercial PV systems. The cost for the program includes the capital cost of each meter, the labor to install the meter and the cost of the cell phone service to electronically read the meters.

The generation meters are billing quality and electronically read by Trico and the data recorded. The installation of the PV generation meters provides Trico the data to analyze the impacts of the renewable generation (e.g. system reliability, potential reduction of the need for area facilities through better system planning, rate design, etc.). The data also provides information to customers that have PV systems regarding their system output/efficiency and helps Trico respond to billing questions associated with Net Metering.

(3) SunWatts Large-Scale Generation Systems over 10 kW: This program includes both distributed and non-distributed commercial renewable projects that exceed 10 kW. These systems are not eligible for UFIs. Trico proposes to suspend Performance Based Incentives (PBIs) associated with the installation of new systems in 2015. Trico

will continue to support the interconnection and Net Metering of PV systems that exceed 10 kW.

The attached Exhibit 1 entitled “Distributed Renewable Technologies Supported by the 2015 REST Plan” summarizes the incentive levels provided for each technology. For 2014 Trico has not received a request for a new technology not described in Exhibit 1; however Trico will evaluate applications received for a new technology on a case by case basis.

(4) SunWatts Educational Grant Program: Trico proposes to continue its Educational Grant Program for 2015. The Educational Grant Program supports renewable energy education in the classroom by offering teachers education grants for the development of renewable curricula for the classroom. A maximum of \$2,500 will be allocated for this program in 2015.

(5) SunWatts Habitat for Humanity Program: Trico proposes to continue its Habitat for Humanity Program for 2015. Trico’s Habitat for Humanity Program allows it to partner with the Habitat for Humanity to offer renewable energy options to low-income families. The Habitat organization will receive grants for the purchase of PV and other renewable energy equipment to be installed on Habitat homes. Trico will also assist in finding local renewable energy equipment dealers who are willing to donate products and services. The type and amount of equipment will vary from project to project. Up to two of these projects will be undertaken each year with a total program budget of \$5,000.

(6) **PV for Schools Program:** In 2013, Trico modified its PV for Schools Program to a competitive application process whereby the successful school(s) would receive renewable energy through a purchased power agreement that Trico negotiates directly with the solar company(s). Trico has received applications from schools interested in moving forward with the installation of PV systems at their facilities. Trico is currently working with several school districts to finalize the details of the purchased power agreements and incentive agreements. Trico anticipates that these systems will go online in late 2015.

(7) **Net Metering:** All customers with a renewable resource that qualifies and meets the requirements under the Net Metering Rules, A.A.C. R14-2-2301 through R14-2-2308, and Trico's Net Metering Tariff, approved in Decision No. 71462 dated January 26, 2010, are eligible to participate in Trico's Net Metering program.

(8) **Arizona Goes Solar Website:** Trico has participated with Arizona Public Service (APS) and the other Arizona utilities in this project. The website was made available to the public in September 2010. As required by Decision No. 71453, Trico will continue to support the Arizona Goes Solar (formerly called "Go Solar AZ") Website and will continue to provide information such as and including the following: the reservation request review date; the incentive program under which the incentive is being offered; the amount of the incentive offered; the size and nature of the systems (whether commercial or residential); the step in the reservation process each system is in at the time it is posted; total cost of the system; nameplate rating of the system; current incentive application status; and the name of the installer of the system.

(9) **Community Solar Project (“SunWatts Sun Farm”):** Trico’s SunWatts Sun Farm became operational in June 2011 and consists of 840 ground mount fixed tilt panels that total to 227 kW. The current program includes that a Trico member can purchase panels in one-quarter, one-half or in full panel increments up to but not to exceed their average monthly kWh energy usage in the last twelve-month period up to a maximum of 10,000 watts per customer. Customers who purchase a part or several panels will receive a credit on their bill equal to energy generated by their panel(s) in accordance with the SunWatts Sun Farm Tariff approved under Decision No. 72086.

(10) **Other Items:**

Flexibility of Funds: In an effort to maintain and grow participation in its 2015 REST Plan programs, Trico requests Commission approval to shift approved funds between programs, and to modify the program budgets in the 2015 REST Plan when cost-effective to do so. This flexibility is essential to Trico’s ability to grow its programs as Trico does not know the response from its customers when implementing new programs. This flexibility will also help Trico to maintain and maximize the most successful programs without oversubscription.

III. ADMINISTRATION OF THE SUNWATTS PROGRAM

Annual Reporting and Plan Development: By April 1, 2015, Trico will file a report that describes results for its 2014 REST Plan. On or before July 1 of each year, Trico will file an updated plan as required A.A.C. R14-2-1814.B.

Required Reporting Information: Decision Nos. 72734, 72737, and 72738 ordered Tucson Electric Power Company, Arizona Public Service, and UNS Electric, Inc. to submit a report for Commission Staff approval on the Companies' joint REST Plan formatting standardization efforts. Such report was to be formulated by a REST Format Working Group ("REST Working Group") that consisted of members of all utilities that fall within the jurisdiction of the Commission. The REST Working Group submitted its recommendations to the Commission, which were subsequently adopted. Trico submits the following tables, in Exhibit 9, attached hereto, to meet this requirement:

Table 1 – Targeted Resources

Table 2 – Targeted RES Resource Costs (in \$Ms)

Advertising and Promotion: Trico SunWatts advertising includes a variety of mediums, including, but not limited to: bill inserts and ads/stories in monthly newsletters; counter cards and posters; paid ads in local newspapers; paid ads on rural radio stations; participation at local events, such as cooperative annual meetings and county fairs; and a SunWatts promotional presence on the Trico website.

IV. ESTIMATED RESULTS/BUDGET/TARIFFS

Based on the programs and projects currently in place, as well as the assumptions included in this 2015 REST Plan, Trico anticipates that its programs will provide 29,166,809 kWh of distributed and 392,602 kWh of non-distributed generation totaling 29,559,411 kWh of renewable generation by the end of 2015. The attached Exhibit 2 entitled "Renewable Energy Forecast" reflects Trico's estimated renewable energy for 2015.

The renewable forecasts described herein were used to formulate the proposed budget described in the attached Exhibit 3 entitled “Proposed Trico 2015 REST Plan Budget”. This budget assumes that the surcharge tariff will be modified as described below.

Trico projects a carryover of \$1.4 Million in budget dollars into 2015. This anticipated carryover began with Trico receiving a significant amount of Federal stimulus dollars for the period 2010 through 2012, which allowed Trico to eliminate its once significant rebate backlog and left additional funds for future incentives. Additionally, Trico’s rebate incentives for new PV systems installed in its service territory were reduced to zero dollars earlier than expected, resulting in unused budget dollars. Trico also experienced a delay in the installation of systems under its PV for Schools Program. These events result in enough carryover funds to cover the budget needed to fund Trico’s 2015 REST programs of \$852,641. With the carryover funds in mind, Trico’s 2015 REST Plan includes a temporary reduction to the existing REST surcharge energy rate and monthly dollar caps, for all customer classes, to zero dollars. A comparison of the 2014 to the proposed 2015 surcharge is included in Table 1 below.

Table 1: Summary of Trico’s Surcharge Tariff

Customer Type	2014 Rate (\$/kWh)	2015 Rate (\$/kWh)	2014 Maximum	2015 Maximum
Residential	\$0.001360	\$0.00	\$0.70	\$0.00
Non-Residential (less than 3,000 kW)	\$0.001360	\$0.00	\$34.00	\$0.00
Non-Residential (equal to or greater than 3,000 kW)	\$0.001360	\$0.00	\$650.00	\$0.00
Governmental and Agricultural	\$0.000250	\$0.00	\$10.50	\$0.00

The attached Exhibit 4 entitled “Renewable Energy Customer Self-Directed Tariff,” Exhibit 5 entitled “Voluntary Renewable Energy Standard Program Tariff,” Exhibit 6 entitled “Renewable Energy Standard Tariff,” Exhibit 7 entitled “Net Metering Tariff,” and Exhibit 8 entitled “SunWatts Sun Farm Tariff,” represent the Tariffs applicable to the 2015 REST Plan. Exhibits 4, 5, 7 and 8 remain unchanged, whereas Trico has modified Exhibit 6 to reflect the proposed 2015 Renewable Energy Standard Tariff described above.

Exhibit
“1”

Exhibit 1

Distributed Renewable Technologies Supported by the 2015 REST Plan

Technology	UFI	PBI
Solar Electric	For systems up to 10 kW: \$0.00 per watt (up to 30% of system cost)	N/A
Solar Water Heating	\$0.40 per kWh for first year savings	N/A

Exhibit
“2”

Exhibit 2

Renewable Energy Forecast

	<u>2015</u>
	<u>Renewable Energy (kWh)</u>
<u>Residential DG</u>	
Existing and New PV Installations	12,391,148
Existing Wind Installations	10,512
Existing and New Solar Water Heater Installations	612,744
Allocated Renewable Energy From Joint AEPCO Plan	145,394
Subtotal Trico Renewable Energy - Residential DG	13,159,798
IOU Target Renewable Energy – Residential	5,753,531
<u>Non-Residential DG</u>	
Existing PV Renewable Energy (UFI and PBI)	12,805,705
New Installations PV Renewable Energy PBI	3,190,050
AEPCO Unit	11,256
Subtotal Trico Renewable Energy - Non-Residential DG	16,007,011
IOU Target Renewable Energy – Non-Residential	5,753,530
<u>Other Renewable (Non-DG)</u>	
SunWatts Sun Farm	392,602
Total Trico Renewable Energy	29,559,411
Trico Forecast kWh Sales – 2015	767,137,419

Exhibit “3”

Exhibit 3

Proposed Trico 2015 REST Plan Budget

Proposed 2015 REST Budget	
Program	Total Budget
Residential PV UFI Rebates	\$0
Residential SWH Rebates	\$14,358
Non-Res PV UFI Rebates	\$0
Large-Scale PV PBI Program Rebates	\$501,808
PV for Schools Program	\$79,751
Subtotal Distributed Energy Cash Incentive Payments	\$595,918
Educational Grant Program	\$2,500
Habitat for Humanity Program	\$5,000
Total Distributed Energy Costs	\$603,418
Total Generation Costs	\$0
Other Program Costs	\$249,224
Administrative Expenses	\$185,943
Generation Meter Program	\$63,281
Total 2015 REST Budget	\$852,641

Exhibit
“4”

Exhibit 4

Renewable Energy Customer Self-Directed Tariff

ORIGINAL

ELECTRIC RATES

TRICO ELECTRIC COOPERATIVE, INC.

8600 W. Tangerine Road

Marana, Arizona 85658

Filed By: Vincent Nitido

Title: CEO/General Manager

Effective Date: January 1, 2011

STANDARD OFFER TARIFF

**RENEWABLE ENERGY CUSTOMER SELF-DIRECTED TARIFF
SCHEDULE RESD**

Background

On November 14, 2006, the Arizona Corporation Commission ("Commission") issued Decision No. 69127 that contained a Renewable Energy Standard ("RES") that set forth annual renewable energy requirements for all affected electric utilities in the State of Arizona as well as a requirement that each affected electric utility file with the Commission for approval a RES Customer Self-Directed Option Tariff as defined below.

Availability

The RES Customer Self-Directed Option is available to single and three phase service for Non-Residential Members/Customers with multiple meters that pay more than \$25,000 annually in RES Surcharge funds pursuant to the Renewable Energy Standard Tariff for any number of related accounts or services within the Trico Electric Cooperative, Inc. ("Cooperative") service territory ("Eligible Customer").

Application

An Eligible Customer may apply to the Cooperative to receive funds to install Distributed Renewable Energy Resources. An Eligible Customer seeking to participate in this program shall submit to the Cooperative a completed application that describes the Renewable Energy Resources that it proposes to install and the projected cost of the project. An Eligible Customer shall provide at least half of the funding necessary to complete the project described in its application.

An Eligible Customer shall enter into a contract with the Cooperative that specifies, at a minimum the following information: the type of Distributed Generation ("DG") resource, its total estimated cost, kWh output, its completion date, the expected life of the DG system, a schedule of the Eligible Customer's expenditures and invoices for the DG system, Cooperative payments to an Eligible Customer for the DG system and the amount of a Security Bond or Letter of Credit necessary to ensure the future operation of the Eligible Customer's DG System, metering equipment, maintenance, insurance and related costs.

Before connection to the Cooperative's electrical system, an Eligible Customer's DG Resource shall meet all of the Cooperative's DG interconnection requirements and guidelines.

All Renewable Energy Credits derived from the project, including generation and extra credit multipliers, shall be applied to satisfy the Cooperative's Annual Renewable Energy Requirement.

The funds annually received by an Eligible Customer pursuant to this tariff may not exceed the amount annually paid by the Eligible Customer pursuant to the RES Surcharge Tariff.

APPROVED FOR FILING
DECISION #: 7208e

Exhibit
“5”

Exhibit 5

Voluntary Renewable Energy Standard Program Tariff

ORIGINAL

ELECTRIC RATES

TRICO ELECTRIC COOPERATIVE, INC.
8600 W. Tangerine Road
Marana, Arizona 85658
Filed By: Vincent Nitido
Title: CEO/General Manager

Effective Date: January 1, 2011

**VOLUNTARY RENEWABLE ENERGY STANDARD PROGRAM TARIFF
SCHEDULE VRES**

Availability

The Renewable Energy Standard ("RES") Voluntary Contribution Program is available to all member/customers of Trico Electric Cooperative, Inc. ("Cooperative") who wish to contribute funds in support of the construction and acquisition of renewable resources.

Background

On November 14, 2006, the Arizona Corporation Commission ("Commission") issued Decision No. 69127 that contained a Renewable Energy Standard ("RES") that set forth annual renewable energy requirements for all affected electric utilities in the State of Arizona. The RES Plan may be modified from time to time on further application to the Commission. Funds to support the RES Plan are collected by the Cooperative pursuant to Commission Rules and applicable RES Surcharge tariffs and are remitted to Cooperative for expenditure in accordance with the terms of the approved RES Plan. The purpose of this RES Voluntary Contribution Program is to allow member/customers an option to contribute additional amounts if they desire in support of the RES Plan.

Contribution Program

Participation in the Contribution Program is voluntary. Any member/customer desiring to participate in the Contribution Program may do so by completing and returning to the Cooperative a form supplied by the Cooperative specifying the amount of the monthly contribution. Member/customers may purchase 50 kWh blocks of green energy for an additional cost of \$2.00 per block. The amount of the cost of the blocks selected will then be added to the member/customer's bill on a monthly basis. All monthly contributions associated with this tariff shall be utilized to permit the participation in the Contribution Program. Member/customers may cancel their participation in the Contribution Program at any time by notifying the Cooperative at least 30 days in advance of the member/customer's billing date of their decision to cancel effective as to such billing date on a form supplied by the Cooperative.

Elections to participate or to cancel participation in the Contribution Program may only be by completion of applications on forms supplied by the Cooperative, which are available at the Cooperative's main office or on the Cooperative's website.

APPROVED FOR FILING
DECISION #: 72086

Exhibit
“6”

Exhibit 6

Renewable Energy Standard Tariff

ELECTRIC RATES

TRICO ELECTRIC COOPERATIVE, INC.
8600 W. Tangerine Road
Marana, Arizona 85658
Filed By: Vincent Nitido
Title: CEO/General Manager

Effective Date: January 1, 2015

STANDARD OFFER TARIFF

**RENEWABLE ENERGY STANDARD TARIFF
SCHEDULE RES**

Background

On November 14, 2006, the Arizona Corporation Commission (“Commission”) issued Decision No. 69127 that contained a Renewable Energy Standard (“RES”) which set forth annual renewable energy requirements for all affected electric utilities in the State of Arizona as well as a requirement that each affected electric utility file with the Commission for approval a RES Tariff to fund such renewable energy requirements.

Availability

In the Cooperative’s Certificated Area where its facilities are of adequate capacity and the required phase and suitable voltage are in existence and are adjacent to the premises served.

Application

On all bills for all governmental and agricultural members/customers with multiple meters, a Renewable Energy Standard Surcharge mandated by the Arizona Corporation Commission (“Commission”) will be assessed monthly at the lesser of the per kilowatt-hour of retail electricity purchased by the consumer, or the maximum, both as stated below. In the case of unmetered services, Trico Electric Cooperative, Inc. (“Cooperative”) shall, for purposes of billing the RES Surcharge and subject to the maximum assessment set forth herein, use the lesser of (i) the load profile or otherwise estimated kWh required to provide the service in question; or (ii) the service's contract kWh.

Monthly Rate

Customer	kWh	Maximum
Governmental and Agricultural	\$0.00	\$0.00

Application

On all bills in all other tariff service categories than those listed above, an RES Surcharge mandated by the Commission will be assessed monthly at the lesser of the per kilowatt-hour of retail electricity purchased by the consumer, or the maximum stated below.

In the case of unmetered services, the Cooperative shall, for purposes of billing the RES Surcharge and subject to the maximum assessment set forth herein, use the lesser of (i) the load profile or otherwise estimated kWh required to provide the service in question; or (ii) the service's contract kWh.

Monthly Rate

Customer	kWh	Maximum
Residential	\$0.00	\$0.00
Non-Residential	\$0.00	\$0.00
Non-Residential whose metered demand is 3,000 kW or more for 3 consecutive months	\$0.00	\$0.00

The RES Surcharge is in addition to all other rates and charges applicable to service to the member/customer.

Exhibit
“7”

Exhibit 7

Net Metering Tariff

ORIGINAL

ELECTRIC RATES

TRICO ELECTRIC COOPERATIVE, INC.
8600 W. Tangerine Road
Marana, Arizona 85653
Filed By: Vincent Nitido
Title: General Manager/CEO

Effective Date: January 26, 2010

STANDARD OFFER TARIFF

**NET METERING TARIFF
SCHEDULE NM**

Availability

Net Metering service is available to all customers of Trico Electric Cooperative, Inc. (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 customer 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 primarily 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 and 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 a net metering application prior to being provided Net Metering Service.

Net Metering Facilities with generation capacity that exceeds 1,000 kilowatts, which are interconnected presently, or desire to become interconnected, may, at Arizona Electric Power Cooperative's option, be subject to the negotiated terms and conditions set forth in multilateral contracts among the customer, Arizona Electric Power Cooperative, Southwest Transmission Cooperative and the Cooperative.

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.

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DECISION #: 71462

ORIGINAL

NET METERING TARIFF SCHEDULE NM

Monthly Billing

If the kWh energy supplied by the Cooperative exceeds the kWh energy 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 energy supplied by the Cooperative in accordance with the rates and charges under the customer's Standard Rate Schedule.

If the kWh energy generated by the customer's Net Metering Facility and delivered back to the Cooperative exceeds the kWh energy supplied by the Cooperative in the billing period, the customer shall be credited during subsequent billing periods for the excess kWh energy generated. The Cooperative shall apply the credit by using the excess kWh energy generated during the billing period to reduce the kWh energy supplied (not kW or kVA demand or customer charges) and billed by the Cooperative during the subsequent billing periods.

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

Each Calendar Year, for the customer bills produced in October (September usage) or in the last billing period that the customer discontinues service under this tariff, 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. The Cooperative's Annual Average Avoided Cost shall be set at \$0.04205 per kWh. Any payment for Firm Power will be pursuant to a separate contract.

Administrative Charge

In order to determine accurate billing and usage, net metering customers will need to have interval meter data available (minimum data collection of every half hour). This information is needed to ensure accurate billing and to calculate the net kWh energy billed or credited to the customer's account. The following table shows the incremental costs for the increased data collection applicable to all rate classes.

Administrative Charge	Monthly Rate
Monthly Data Cost	\$3.38

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ORIGINAL

NET METERING TARIFF SCHEDULE NM

Definitions

1. Annual Average Avoided Cost: Defined as the average annual wholesale fuel and energy costs per kWh energy purchased from the Cooperative's wholesale power supplier during the calendar year. The Cooperative's Annual Average Avoided Cost shall be set at \$0.040205 per kWh.
2. Calendar Year: The Calendar Year is defined as October 1 through September 30, 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. Renewable Resource: Means natural resources that can be replenished by natural processes, including biomass, biogas, geothermal, hydroelectric, solar or wind.
4. 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 (also known as cogeneration).
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. 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.
7. Firm Power: Electric power available from the customer's facilities, upon demand, at all times with an expected or demonstrated reliability that is covered by a separate multiparty purchase agreement among the customer, the Cooperative, Arizona Electric Power Cooperative and Southwest Transmission Cooperative.
8. Time Periods: Mountain Standard Time shall be used in the application of this rate schedule. On-peak and off-peak time periods will be determined by the applicable Standard Rate Schedule.
9. Standard Rate Schedule: Any of the Cooperative's retail rate schedules with metered kWh charges.

APPROVED FOR FILING
DECISION #: 71462

Exhibit
“8”

Exhibit 8

SunWatts Sun Farm Tariff

ORIGINAL

ELECTRIC RATES

TRICO ELECTRIC COOPERATIVE, INC.

8600 W. Tangerine Road

Marana, Arizona 85658

Filed By: Vincent Nitido

Title: CEO/General Manager

Effective Date: January 1, 2011

STANDARD OFFER TARIFF

SUNWATTS SUN FARM TARIFF

SCHEDULE RESF

Background and Availability

The Arizona Corporation Commission ("Commission") approved the Renewable Energy Standard and Tariff Rules ("REST Rules") in Decision No. 69127 dated November 14, 2006, which set out the renewable energy requirements for all affected electric utilities in the State of Arizona. Trico Electric Cooperative, Inc. ("Cooperative") has prepared a REST Plan which provides for rebate support of customer owned renewable resources and larger scale renewable resources. The REST Plan may be modified from time to time on further application to the Commission.

The Residential Community Solar Demonstration Project Voluntary Purchase Program ("SunWatts Sun Farm") is part of the Cooperative REST Plan and is available to all RS1, RS1TOU, GS1, GS2 and GS3 customers of the Cooperative who wish to participate in support of renewable resources through purchase of energy output from the installation of a Cooperative-owned Photovoltaic (PV) generation facility. A customer may purchase panel output up to but not to exceed their average monthly kWh energy usage in the last twelve month period up to a maximum of 10,000 watts per customer.

The Sun Watts Sun Farm is designed to produce 227,000 watts and is located at the Cooperative office facility at 8600 W. Tangerine Road, Marana, Arizona 85658. The Cooperative plans to utilize all proceeds associated with this tariff for future expansion of the SunWatts Sun Farm through construction of additional SunWatts Sun Farm renewable resources.

Program

The SunWatts Sun Farm provides for voluntary participation by residential and small commercial customers which may benefit renters and other members who cannot install renewable resources on their property, to customers that want to expend only a small amount of initial capital on renewable energy.

Any customer desiring to participate in the SunWatts Sun Farm must complete and return an application. Participation shall be on a first-come, first-serve basis until the full output of the facility is assigned. Each applicant awarded panel output will enter into a purchase contract with the Cooperative, which will specify the rights and obligations of the arrangements for a twenty year term.

Customers may purchase the output of PV panels from the SunWatts Sun Farm in ¼, ½ and full panel increments. The customer will be billed the full cost of the panels contracted as a one-time up-front charge.

The customer will receive a credit for the energy output of the panel(s), estimated to be 432 kWh per year, per panel, in accordance with the rates and charges under the customer's Standard Rate Schedule in a similar fashion as the Cooperative's Net Metering Tariff Schedule NM. The Cooperative will apply the credit to the customer's monthly bill for the 20 year term of the purchase contract or until such time as the customer's purchase contract is terminated or the customer assigns some or all of the solar panels subject to a purchase contract subject to the Cooperative's

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DECISION #: 72080

ORIGINAL

written approval. The Cooperative shall retain the rights to all the Renewable Energy Credits (RECs) produced by the Sun Watts Sun Farm.

Pricing of the Sun Watts Sun Farm panels is described in the table below:

Panel Size	Cost
Quarter Panel	\$230
One Half Panel	\$460
Full Panel	\$920

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FEBRUARY 14 2010

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Exhibit 9

Required Reporting Information

IMPLEMENTATION PLAN

Table 1 - Targeted Resources²

Line No.	Targeted Generation Resources:	Ownership ¹	Targeted Completion	2015 Total MW	Targeted Energy Production (MWh or Equivalent)					Line No.	
					2015	2016	2017	2018	2019		Total
1	Solar:	N/A								1	
2										2	
3										3	
4										4	
5										5	
6	Wind:	N/A								6	
7										7	
8										8	
9										9	
10	Geothermal:	N/A								10	
11										11	
12										12	
13	Biomass/Biogas:	N/A								13	
14										14	
15										15	
16										16	
17	Total Targeted Generation:	N/A								17	
18										18	
19	Targeted Distributed Energy Resources:									19	
20	Residential:									20	
21	PV	N/A	N/A	1.11	2,435					2,435	21
22	Wind	N/A	N/A	-	-					-	22
23	Solar Water Heating	N/A	N/A	0.02	36					36	23
24	Subtotal Residential:			1.13	2,471					2,471	24
25											25
26	Non-Residential:										26
27	PV-UFI	N/A	N/A	-	-					-	27
28	PV-PBI	N/A	N/A	3.55	3,190					3,190	28
29											29
30											30
31											31
32	Subtotal Non-Residential:			3.55						3,190	32
33											33
34	Total Targeted DE:			4.67						5,661	34

Notes:

¹All utility-owned and Third Party generation projects are developed through a competitive RFP process, and all DE systems are built independently by Third Party developers and installers.
²For the Report on Renewable Energy Standard (RES) Plan Formats, this table focuses exclusively on new resources proposed or expected to be added across the Implementation Plan period. No prior installation information is included.

IMPLEMENTATION PLAN

Table 2 - Targeted RES Resource Costs (in \$Ms)

COMPETITIVELY CONFIDENTIAL¹
Projected RES Cost per Year²

Line No.	Ownership	Targeted Generation Resources ¹ :	Projected RES Cost per Year ²					Total	Line No.
			2015	2016	2017	2018	2019		
1		Solar:	N/A						1
2									2
3									3
4									4
5		Wind:	N/A						5
6									6
7									7
8									8
9		Geothermal:	N/A						9
10									10
11									11
12		Biomass/Biogas:	N/A						12
13									13
14									14
15									15
16		SubTotal Targeted Generation							16
17									17
18		Targeted and Expected Distributed Energy Resources²:							18
19		Residential:							19
20		PV	-	N/A	N/A	N/A	N/A	-	20
21		Wind	-	N/A	N/A	N/A	N/A	-	21
22		Solar Water Heating	0.014	N/A	N/A	N/A	N/A	0.014	22
23		Subtotal Residential	0.014					0.014	23
24									24
25		Non-Residential:							25
26		PV-UFI	-	N/A	N/A	N/A	N/A	-	26
27		PV-PBI	0.213	N/A	N/A	N/A	N/A	0.213	27
28		Subtotal Non-Residential	0.213					0.213	28
29									29
30		SubTotal Targeted Distributed Energy	0.227					0.227	30
31									31
32									32
33									33
34									34
35		Total Targeted Energy Costs	0.227					0.227	35
36									36
37									37
38									38
39									39

¹ Redacted due to the competitively confidential nature of the information.
² Data reflects only RES-attributable costs (i.e. incentives).