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BEFORE THE ARIZONA CORPORATION COMMISSION

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- 2 BOB STUMP  
Chairman
- 3 GARY PIERCE  
Commissioner
- 4 BRENDA BURNS  
Commissioner
- 5 BOB BURNS  
Commissioner
- 6 SUSAN BITTER SMITH  
Commissioner
- 7

Arizona Corporation Commission  
DOCKETED  
OCT 28 2013  
[Signature]

8 IN THE MATTER OF GRAHAM COUNTY )  
ELECTRIC COOPERATIVE, INC.'S )  
9 APPLICATION FOR APPROVAL OF THE )  
10 2014 RENEWABLE ENERGY STANDARD )  
AND TARIFF PLAN AND NET METERING )  
11 TARIFF )

DOCKET NO. E-01749A-13-0217

DECISION NO. 74160

ORDER

12 Open Meeting  
October 16 and 17, 2013  
13 Phoenix, Arizona

14 BY THE COMMISSION:

FINDINGS OF FACT

16 1. Graham County Electric Cooperative, Inc. ("GCEC" or the "Cooperative") is certificated to  
17 provide electricity as a public service corporation in the state of Arizona.

18 Background

19 2. On June 28, 2013, GCEC filed its 2014 Renewable Energy Standard and Tariff ("REST")  
20 Implementation Plan in compliance with A.A.C. R14-2-1801 through R14-2-1816. GCEC's  
21 current REST Plan was approved by the Commission in Decision No. 73631, on January 31, 2013.

22 2014 REST Plan

SunWatts Renewable Energy Purchase Program

23  
24 3. The SunWatts Renewable Energy Purchase Program is a voluntary program in which retail  
25 customers can choose to support renewable energy by purchasing blocks of "green energy."  
26 Currently the retail customers can purchase 50 kWh blocks of green energy at a cost of \$2.00 per  
27 block. According to GCEC, the Cooperative proposes to discontinue this program as part of its  
28 2014 REST Plan due to lack of participation and interest by customers in this program.

1           **SunWatts Residential and Commercial Rebate Program**

2           4. The SunWatts rebate program, offered in compliance with A.A.C. R14-2-1809,  
3 provides incentives to customers for installation of qualifying photovoltaic (“PV”), solar water  
4 heating, small wind systems, and other renewable technologies.

5           5. The 2014 SunWatts rebate program will pay an Up Front Incentive (“UFI”) for PV,  
6 small wind systems, solar water heating, and solar daylighting systems. Subject to available  
7 budget funds, GCEC proposes a UFI of \$0.35 per installed watt for any solar and wind systems  
8 with a maximum incentive of \$3,500, and GCEC will own all renewable energy credits (“RECs”).  
9 The proposed UFI is a reduction in the current UFI rebate amount of \$1.00 per watt for PV and  
10 small wind systems up to 10 kW in size not to exceed 30 percent of the total system cost.

11           6. GCEC has proposed a lower UFI for PV and small wind systems because of the  
12 current backlog of systems waiting on funding for their proposed qualifying renewable project. As  
13 of the end of July 2013, GCEC had 66 customers on a waiting list who have expressed an interest  
14 in rebates on PV. Customers inquiring about rebates who are placed on the waiting list will have  
15 the opportunity to request a rebate at the UFI level in effect when funding is available.

16           7. In addition, GCEC would offer UFIs for solar water heating and solar daylighting as  
17 outlined in the table below. The proposed UFI rebate amounts for solar water heating and solar  
18 daylighting remain unchanged from what is currently approved but the provision of a maximum  
19 incentive of \$3,500 has been added. As noted above, the Cooperative would own all the RECs  
20 from a project receiving UFIs for its operational life. Projects would be rebated on a first-come,  
21 first-served basis until funding is no longer available. Systems which have been approved and not  
22 yet rebated due to lack of funding would be placed on a reservation list until additional funding  
23 becomes available. Once funding becomes available, rebates would be paid following a final  
24 inspection of the system.

25           8. For PV and small wind systems that are larger than 10 kW in size, customers would  
26 have the option to apply for a UFI or receive a Performance Based Incentive (“PBI”), up to 40  
27 percent of the total system cost, as outlined in the table below. PBIs would be available for a term  
28 of up to 20 years but may be limited to the expected operational life of the specific technology. In

1 addition, GCEC would own all the RECs from the project receiving PBIs for the term of the REC  
2 agreement. GCEC would offer PBIs for additional technologies at levels shown in the table  
3 below.

4 9. Systems eligible for PBIs would also be subject to a competitive selection process,  
5 resulting in the most cost-effective projects being rebated. Projects eligible for PBIs would be  
6 competitively selected on a quarterly to semiannual basis. If a project is not selected, the applicant  
7 is then informed of the project's status and given an opportunity to resubmit the project for  
8 consideration during the next selection process. Further, the Cooperative would reserve the right  
9 to negotiate the PBI agreement based on current market conditions to obtain the most  
10 competitively priced RECs. Projects that are one megawatt ("MW") or greater would not be  
11 eligible for the incentives outlined in the table below, but instead would be negotiated on a per-  
12 project basis relative to market conditions.

13 10. Installations are required to be performed by licensed renewable energy contractors,  
14 electricians, or plumbers (in the case of solar water heaters). GCEC may permit self-installations  
15 only if the installation has been inspected and verified by a licensed contractor. Customers would  
16 continue to be able to assign incentive payments to the contractor installing the system.

17 11. The tables below illustrate the current incentive levels provided for each technology  
18 and those proposed in GCEC's 2014 REST Plan. GCEC is not proposing any changes to its  
19 current PBIs.

Technology	Current UFIs	Proposed UFIs
Solar Electric	\$1.00 per watt up to 10 kW <i>Not to exceed 30% of the system cost</i>	\$0.35 per watt <i>Cannot exceed \$3,500 per rebate</i>
Small Wind	\$1.00 per watt up to 10 kW <i>Not to exceed 30% of the system cost</i>	\$0.35 per watt <i>Cannot exceed \$3,500 per rebate</i>
Solar Water Heating	\$0.75 per kWh for first year savings	\$0.75 per kWh for first year savings <i>Cannot exceed \$3,500 per rebate</i>
Solar Daylighting	\$0.18 per kWh for first year savings	\$0.18 per kWh for first year savings <i>Cannot exceed \$3,500 per rebate</i>
Geothermal -Electric -Thermal	Not Eligible	Not Eligible
Biogas/Biomass -Electric -Thermal -Cooling -CHP-Electric -CHP-Thermal	Not Eligible	Not Eligible

Solar Space Cooling	Not Eligible	Not Eligible
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Technology	Current/Proposed PBIs
Solar Electric	\$0.14 (max) per kWh (over 10 kW) <i>Not to exceed 40% of the system cost</i>
Small Wind	\$0.097 (max) per kWh (over 10 kW) <i>Not to exceed 40% of the system cost</i>
Solar Water Heating	Not Eligible
Solar Daylighting	Not Eligible
Geothermal -Electric -Thermal	\$0.020 per kWh over 20 yrs \$0.040 per kWh over 20 yrs
Biogas/Biomass -Electric -Thermal -Cooling -CHP-Electric -CHP-Thermal	\$0.050 per kWh over 20 yrs \$0.013 per kWh over 20 yrs \$0.027 per kWh over 20 yrs \$0.029 per kWh over 20 yrs \$0.015 per kWh over 20 yrs
Solar Space Cooling	\$0.108 per kWh over 20 yrs

12. GCEC anticipates that the residential and commercial rebate programs and the GCEC headquarters facility project will support the installation of approximately 422 kW of qualifying renewable technologies in 2014 with the split being 359 kW from residential, 33 kW from commercial, and 31 kW from the headquarters facility.

13. GCEC would also continue to purchase RECs from the commercial distributed generation geothermal project in Wilcox, Arizona.

#### **SunWatts Large-Scale Purchase Power Contract & Generating Program**

14. The Large-Scale Generating Program would have GCEC, on its own or in partnership with others, install and assist in the development of large-scale renewable resources either through purchase power agreements or by the construction of utility-owned resources. In its application, GCEC indicates that current plans do not include any large-scale purchase power projects but do include plans to install a utility-owned 46.08 kW PV system on the rooftop of the GCEC headquarters facility as approved in Decision No. 73631, dated January 31, 2013. GCEC estimates that it will cost a total of approximately \$198,000. In addition, GCEC intends to install the system over a three-year period completing one-third of the project each year at \$66,000 per year. GCEC

...

1 anticipates that the PV system would produce approximately 67 MWh in 2014 and 101 MWh per  
 2 year once fully operational.

3 **SunWatts PV for Government, Schools and Nonprofits Program**

4 15. GCEC will continue to offer UFIs to third-party developers or those with access to  
 5 stimulus funds interested in installing renewable systems on government, school, and nonprofit  
 6 buildings. In addition, the Cooperative would continue its support of the Arizona Utilities for  
 7 Renewable Energy Education (“AZURE”) initiative.

8 **Tariffs**

9 16. GCEC is not proposing to change the current Renewable Energy Standard surcharge  
 10 or monthly maximums for 2014. The kWh surcharges and monthly maximums for GCEC’s  
 11 current REST are:

Customer Class	Current Surcharges (per kWh)	Current Maximums (per month)
Residential	\$0.000900	\$2.00
Non-Residential	\$0.009477	\$74.10
Governmental & Agricultural	\$0.001663	\$24.70
Governmental & Agricultural with metered demand at 3,000 kW or more for 3 consecutive months	\$0.001663	\$74.10
Non-Residential with metered demand at 3,000 kW or more for 3 consecutive months	\$0.009477	\$222.30

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 18 17. The Cooperative believes that the current surcharge rates and the monthly maximums  
 19 contained in its current REST will be sufficient to fund its annual budget for 2014. GCEC has not  
 20 filed a revised Renewable Energy Standard Tariff, Voluntary Renewable Energy Standard  
 21 Contribution Program Tariff, or Customer Self-Directed Tariff.

22 **Budget**

23 18. According to GCEC, the funding from the Renewable Energy Standard surcharge is  
 24 estimated to be a total of \$245,000. The table below indicates GCEC’s estimated REST budget for  
 25 2014:

26 ...  
 27 ...  
 28 ...

Category	\$ Amount of Total Budget
---Residential DG*	\$125,500
---Commercial DG*	\$27,000
Rebate Program Total	<b>\$152,500</b>
LS* Purchase Power & Generation Program	<b>\$66,000</b>
Advertising	<b>\$2,000</b>
Administration	<b>\$24,500</b>
<b>Total</b>	<b>\$245,000</b>

\*LS=Large Scale; DG=Distributed Generation

19. The table below indicates the REST funds GCEC estimates that would be collected in 2014 by each customer class:

Customer Class	Amount	% Reaching Cap
Residential	\$67,637	5.0%
Non-Residential	\$137,019	10.8%
Government/Agricultural	\$40,344	4.4%
<b>Total</b>	<b>\$245,000</b>	

20. The GCEC 2014 REST Plan indicates that any allocated funds not used in a particular year would be carried over to the following year and may be used in subsequent years to support any REST program.

21. As of the end of July 2013, GCEC did not anticipate having any funding to carry over into 2014. All anticipated REST collections have been reserved for pending installations, the GCEC headquarters project, and the existing waiting list of customers who have inquired about rebates.

#### **Net Metering Tariff and Avoided Cost Update**

22. GCEC's current Net Metering ("NM") Tariff was approved by the Commission on March 17, 2010, in Decision No. 71506.

23. The current filing includes a proposed update to the avoided cost on the NM Tariff. The NM Tariff sets the Cooperative's Annual Average Avoided Cost, which is the per-kWh rate paid once a year to customers who have an excess energy production balance as of December 31, or as of the customer's final bill upon discontinuance of service. The decrease from \$0.04529 per kWh to \$0.03301 per kWh is the only change currently being proposed for the NM Tariff. The Cooperative supplied Staff with the calculations used to arrive at the proposed new avoided cost.

1 The calculation and result appear reasonable. Staff has recommended that the proposed new  
2 avoided cost be approved.

3 24. The NM Tariff in GCEC's application inadvertently incorporated language under the  
4 Metering section referring to qualifying customers incurring the incremental cost of the bi-  
5 directional meter. This language was not approved in Decision No. 71506, and GCEC did not  
6 intend to make the change to include the language with this application. Staff has recommended  
7 that GCEC submit a revised NM Tariff to delete this language and incorporate the updated avoided  
8 cost.

9 **Staff Recommendations**

10 25. Staff has recommended that GCEC's proposed 2014 REST Plan should be approved.

11 26. Staff believes that with the proposed incentive levels, GCEC would be able to sustain  
12 its budget in 2014. In addition, Staff believes that GCEC should be able to transfer any allocated  
13 funds not used by a particular program to any other program during subsequent years. Therefore,  
14 Staff has recommended that GCEC's Renewable Energy Standard Tariff and Customer Self-  
15 Directed Tariff currently on file with the Commission, remain in effect until further Order of the  
16 Commission.

17 27. Staff has recommended that GCEC file with Docket Control, as a compliance item, a  
18 revised NM Tariff within 15 days of the effective date of the Decision in this case.

19 28. Staff has recommended that the avoided cost on GCEC's NM Tariff be set at \$0.03301  
20 per kWh.

21 **CONCLUSIONS OF LAW**

22 1. Graham County Electric Cooperative, Inc. is an Arizona public service corporation  
23 within the meaning of Article XV, Section 2, of the Arizona Constitution.

24 2. The Commission has jurisdiction over Graham County Electric Cooperative, Inc.  
25 and over the subject matter of the application.

26 3. The Commission, having reviewed the application and Staff's Memorandum dated  
27 September 16, 2013, concludes that it is in the public interest to approve the Graham County  
28 Electric Cooperative, Inc. 2014 REST Plan as specified in this order.

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ORDER

IT IS THEREFORE ORDERED that the Graham County Electric Cooperative, Inc. 2014 REST Plan is hereby approved as discussed herein.

IT IS FURTHER ORDERED that Graham County Electric Cooperative, Inc. file with Docket Control, as a compliance item, a revised Net Metering Tariff, excluding the incremental cost of a bi-directional meter, within 15 days of the effective date of this Order.

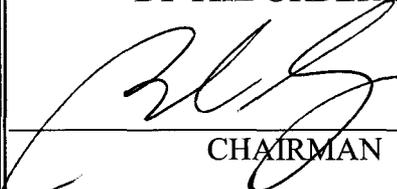
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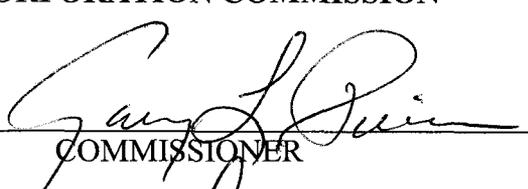
1 IT IS FURTHER ORDERED that Graham County Electric Cooperative, Inc.'s Customer  
2 Self-Directed Tariff and the Renewable Energy Standard Tariff, currently on file with the  
3 Commission, remain in effect until further Order of the Commission.

4 IT IS FURTHER ORDERED that the avoided cost on Graham County Electric  
5 Cooperative, Inc.'s Net Metering Tariff of \$0.03301 per kWh become effective 30 days after the  
6 effective date of this decision.

7 IT IS FURTHER ORDERED that this Order shall become effective immediately.

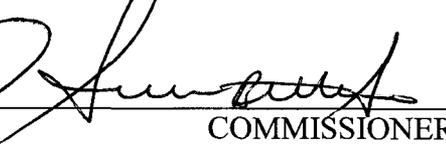
8 **BY THE ORDER OF THE ARIZONA CORPORATION COMMISSION**

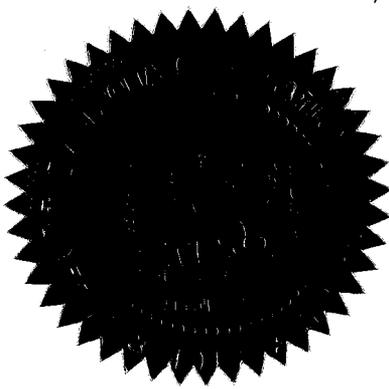
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11 CHAIRMAN

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11 COMMISSIONER

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14 IN WITNESS WHEREOF, I, JODI JERICH, Executive  
15 Director of the Arizona Corporation Commission, have  
16 hereunto, set my hand and caused the official seal of this  
17 Commission to be affixed at the Capitol, in the City of  
18 Phoenix, this 20<sup>th</sup> day of October, 2013.

18   
19 JODI JERICH  
20 Executive Director

22 DISSENT: \_\_\_\_\_

24 DISSENT: \_\_\_\_\_

25 SMO:RSP:sms\CHH

1 SERVICE LIST FOR: Graham County Electric Cooperative, Inc.  
2 DOCKET NO. E-01749A-13-0217

3 Mr. Than Ashby  
4 Office Manager  
5 Graham County Electric Cooperative, Inc.  
6 9 West Center Street  
7 PO Drawer B  
8 Pima, Arizona 85543

9 Mr. Steven M. Olea  
10 Director, Utilities Division  
11 Arizona Corporation Commission  
12 1200 West Washington Street  
13 Phoenix, Arizona 85007

14 Ms. Janice Alward  
15 Chief Counsel, Legal Division  
16 Arizona Corporation Commission  
17 1200 West Washington Street  
18 Phoenix, Arizona 85007

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