

March 27, 2015

Mark Futrell  
Florida Public Service Commission  
2540 Shumard Oak Boulevard  
Tallahassee, Florida 32399-0850

Dear Mr. Futrell,

The documents accompanying this letter fulfill the 2015 net metering reporting requirements detailed in paragraph 10 of Rule 25-6.065, F.A.C., Interconnection and Net Metering of Customer-Owned Renewable Generation for Choctawhatchee Electric Cooperative, Inc. (CHELCO).

Enclosed please find a copy of CHELCO's Standard Interconnection Agreement for customer-owned renewable generation, a 2014 Interconnected Renewable Generation Report, a list of individual customer owned generation interconnections and an outline of the standards used by CHELCO in promoting energy conservation and efficiency and renewable energy resources.

If any further information is required for CHELCO to fulfill its reporting requirements, please let us know.

Respectfully,

C. Bryan Gilbert  
Manager of Marketing

## **Standards for Renewable Energy, Conservation, and Energy Efficiency To Meet Reporting Requirements under Florida Statutes, Section 366.92, for April 1, 2015**

### **Renewable Energy Resources**

CHELCO is a Distribution Cooperative serving more than 47,000 customers in northwest Florida. CHELCO's purchases all of its power requirements under an all-requirements, wholesale power contract with our power supplier, PowerSouth.

CHELCO has limited ability to expand large scale renewable generation capacity. CHELCO encourages the acquisition of renewable resources by its power supplier through on-going interactions with large scale renewable opportunities within its service territory and referring consumers to our Green Power purchase program which allows a member to purchase renewable energy from sources including landfill gas and a commercial wind farm.

CHELCO has net metering services for member owned renewable generation. At the end of 2014, there were 55 member-owned renewable generation systems. The total capacities of these systems were 202.725 kilowatts and were comprised of small photovoltaic systems and one small windmill.

In continuing to promote the growth of member owned small scale renewable generation systems, CHELCO has provided customer education and information on the net metering program in conjunction with its energy efficiency outreach efforts. These efforts include newsletters articles and community and civic events presentations.

CHELCO will continue to evaluate, promote and interconnect to distributed small scale renewable generation. CHELCO has and will consider changes to its net metering program that increases value to its members and expand small scale renewable generation applications.

### **Energy Conservation and Efficiency Measures**

CHELCO actively promotes and encourages the expansion of cost effective conservation and energy efficiency directly to its members. CHELCO's portfolio of customer oriented energy conservation and efficiency measures include:

- Billing and Energy Insights, a web based customer usage information program;
- MyUsage.com, a web based customer usage and alert program
- On-line residential and commercial energy surveys;
- On-site residential and commercial energy audits;
- Customer education on energy efficiency on website, newsletters and outreach opportunities;
- Residential water heater load management;
- Touchstone Energy efficiency new home program;
- Manufactured home standard heat pump, dual fuel heat pump, and geothermal heat pump rebate programs.

CHELCO MyUsage.com program helps customers manage their daily energy consumption in near real time. It provides web based daily energy use information to single meter account customers and allows these customers to receive email notifications and or phone alerts when daily energy usage is above a customer selected threshold level.

The CHELCO Billing and Energy Insights program provides callers direct access to an accredited energy advisor to respond to customers seeking energy conservation and energy efficiency advice and or to conduct home energy audits.

CHELCO's on-site residential and commercial energy audits provide its members free screenings to identify their energy consumption patterns and make recommendations to reduce energy use and to improve the energy efficiency of their end-use equipment. In 2014, CHELCO staff energy advisors completed 134 residential and 16 commercial on-site energy audits. These energy audits serve to help its members better understand what causes high energy consumption and provide them practical solutions for corrective action.

CHELCO's marketing plan includes customer education efforts promoting energy conservation and energy efficiency. Energy efficiency information is provided to customers through CHELCO's website, monthly newsletters and community outreach programs. Presentations on energy efficiency and net metering were given at civic events, home-owners associations meetings, community festivals and at public schools. Through numerous promotions, customers were directed to CHELCO's web based energy analysis tools that provide answers to customers' what-if questions on uses of energy efficient appliances in place of standard appliances. They effectively evaluate energy efficiency alternatives.

CHELCO has plans to introduce a water heater load management program in mid-2015 consisting of Residential Direct Load Control.

The CHELCO Touchstone Energy Efficiency Home Program encourages energy efficient home construction practices to local builders and prospective homeowners. CHELCO established this program over 30 years ago and has amended the program requirements to certify a home as meeting the programs standards many times over the programs life to reflect the changes to energy efficiency measures.

CHELCO, through funding from its power supplier, provides rebates for the installation of standard heat pumps in new and existing manufactured housing, and dual fuel and geothermal heat pumps in new and existing on-site constructed housing. The rebates are based on the heat pumps efficiency rating and capacity. Minimum efficiency ratings and heat pump sizing calculations are required for eligibility to participate.

CHELCO will evaluate cost effective conservation and energy efficiency measures through in-house and national cooperative research and seeks to implement those measures that offer value to its members. In addition CHELCO participates with other Cooperative members in workshops offered by one of its power suppliers for developing and implementing energy conservation and efficiency measures.

Accountno	Map #	Description	Rate Code	Unitcost	Total
59534867	012-25-010	Green Power Choice \$2.00 per 100 KWH Block	R1	10.00	<b>120.000000</b>
980120588	113-25-052	Green Power Choice \$2.00 per 100 KWH Block	R1	4.00	<b>48.000000</b>
3034221808	135-17-122	Green Power Choice \$2.00 per 100 KWH Block	RSPP-1	20.00	<b>240.000000</b>
205103963	164-12-035	Green Power Choice \$2.00 per 100 KWH Block	R1	4.00	<b>48.000000</b>
62650981	175-25-019	Green Power Choice \$2.00 per 100 KWH Block	R1	8.00	<b>96.000000</b>
53662961	268-25-110	Green Power Choice \$2.00 per 100 KWH Block	R1	4.00	<b>48.000000</b>
202123444	269-22-016	Green Power Choice \$2.00 per 100 KWH Block	R1	6.00	<b>72.000000</b>
9000011824	274-18-033	Green Power Choice \$2.00 per 100 KWH Block	R1	4.00	<b>48.000000</b>
206054777	288-05-025	Green Power Choice \$2.00 per 100 KWH Block	R1	4.00	<b>48.000000</b>
203091558	289-02-147	Green Power Choice \$2.00 per 100 KWH Block	R1	4.00	<b>48.000000</b>
31132608	289-07-295	Green Power Choice \$2.00 per 100 KWH Block	R1	20.00	<b>240.000000</b>
200128957	291-06-081	Green Power Choice \$2.00 per 100 KWH Block	R1	10.00	<b>120.000000</b>
950113456	333-01-013	Green Power Choice \$2.00 per 100 KWH Block	RT-1	4.00	<b>48.000000</b>
205056740	333-06-089	Green Power Choice \$2.00 per 100 KWH Block	R1	12.00	<b>144.000000</b>
970000667	334-18-009	Green Power Choice \$2.00 per 100 KWH Block	R1	2.00	<b>24.000000</b>
206064826	353-14-034	Green Power Choice \$2.00 per 100 KWH Block	R1	10.00	<b>20.000000</b>
204089361	353-14-053	Green Power Choice \$2.00 per 100 KWH Block	R1	8.00	<b>96.000000</b>
202005179	375-10-094	Green Power Choice \$2.00 per 100 KWH Block	R1	8.00	<b>96.000000</b>
					<b>1604.000000</b>

### Hours and dollars paid to customer

2014	kWh	kWh Credit
Jan	5942	<\$412.13>
Feb	6875	<\$472.45>
Mar	7780	<\$532.66>
Apr	10206	<\$693.04>
May	10581	<\$719.50>
Jun	11585	<\$820.09>
Jul	8827	<\$626.80>
Aug	9161	<\$650.58>
Sep	9676	<\$696.59>
Oct	7906	<\$567.81>
Nov	12072	<\$870.05>
Dec	9751	<\$708.47>
<b>Total</b>	<b>110362</b>	<b>&lt;\$7,770.17&gt;</b>

### Hours and dollars purchased by customer

2014	kWh Sold	kWh Sales
Jan	27960	\$1,936.25
Feb	45639	\$3,170.23
Mar	25471	\$1,764.59
Apr	25066	\$1,736.19
May	22811	\$1,577.88
Jun	26567	\$1,839.46
Jul	35037	\$2,432.25
Aug	36831	\$2,554.99
Sep	36486	\$2,538.61
Oct	31620	\$2,194.60
Nov	25732	\$1,777.37
Dec	28670	\$1,981.67
<b>Total</b>	<b>367890</b>	<b>\$25,504.09</b>

Accountno	Map Number	Reading Message	County	Interconnection Date
14423230	21518006	6 kW Solar Array	Walton	29-OCT-2014
15939994	29516039	.49 kW Solar Array	Walton	12/APR/2013
50490705	28919028	3 kW Solar Array	Okaloosa	29-DEC-2014
200001030	29506102	.49 kW Solar Array	Walton	12-APR-2013
200001048	29511043	.49 kW Solar Array	Walton	12-APR-2013
200010114	29501016	.49 kW Solar Array	Walton	12-APR-2013
200024479	11024001	3 kW Solar Array	Walton	31-MAR-2009

Accountno	Map Number	Reading Message	County	Interconnection Date
201020062	33225114	.49 kW Solar Array	Walton	15-APR-2013
202070538	28913070	5.17kW Solar Array	Okaloosa	29-DEC-2014
202114930	35313119	5.25kW Solar Array	Walton	28-OCT-2009
202124194	28902134	5.25kW Solar Array	Okaloosa	04-JAN-2010
202151007	28909349	.49 kW Solar Array	Okaloosa	12-APR-2013
203101266	19522017	.49 kW Solar Array	Walton	15-APR-2013
205089618	10619105	.49 kW Solar Array	Okaloosa	15-APR-2013
206064545	28917207	5 kW Solar Array	Okaloosa	17-SEP-2009
206081440	19502017	.49 kW Solar Array	Walton	15-APR-2013
940046543	31502057	5 kW Solar Array	Walton	01-SEP-2010
950035949	08409007	1 kW Solar Array	Okaloosa	08-MAY-2008
960134807	19506007	7.6 kW Solar Array	Walton	01-JUL-2009
980030845	28906205	6.3 kW Solar Array	Okaloosa	20-APR-2010
980059141	00724002	5 kW Solar Array	Okaloosa	01-MAY-2009
980084883	28909322	.49 kW Solar Array	Okaloosa	18-DEC-2014
990097206	27522091	.49 kW Solar Array	Walton	12-APR-2013
4647043423	33322011	.49 kW Solar Array	Walton	15-APR-2013
4647051244	33322001	.49 kW Solar Array	Walton	15-APR-2013
9000009022	04809008	2.5 kW Wind Turbine	Okaloosa	03-NOV-2009
9000012766	14904178	1 kW Solar Array	Okaloosa	22-FEB-2012
9000015298	27424013	30 kW Solar Array	Walton	24-MAY-2012
9000017096	26923083	5.5 kW Solar Array	Okaloosa	10-SEP-2012
9000017305	27309082	.49 kW Solar Array	Walton	12-APR-2013
9000019705	31409111	.49 kW Solar Array	Walton	23-APR-2013
9000022242	29516069	.49 kW Solar Array	Walton	12-APR-2013
9000026906	33521013	5 kW Solar Array	Walton	30-AUG-2009
9000028047	27522110	.49 kW Solar Array	Walton	12-APR-2013
9000030996	16202023	4.32 kW Solar Array	Okaloosa	11-JUN-2010
9000033132	14904194	1.44 kW Solar Array	Okaloosa	24-SEP-2012
9000033231	35318291	3.78 kW Solar Array	Walton	09-MAR-2010
9000045217	28909358	.245 kW Solar Array	Okaloosa	30-OCT-2014
9000047014	37506578	12 kW Solar Array	Walton	21-APR-2011
9000047524	10603104	5.1 kW Solar Array	Okaloosa	21-NOV-2014
9000049601	31409114	.49 kW Solar Array	Walton	15-APR-2013
9000050431	19413007	5.2 kW Solar Array	Walton	29-JUL-2013
9000051026	29506123	.49 kW Solar Array	Walton	15-APR-2013
9000051033	29506122	.49 kW Solar Array	Walton	15-APR-2013
9000051035	29425178	.49 kW Solar Array	Walton	18-DEC-2014
9000052452	31409115	.49 kW Solar Array	Walton	15-APR-2013
9000053485	37410440	5.1kW Solar Array	Walton	09-AUG-2012
9000054159	29414014	9.98 kW Solar Array	Walton	04-NOV-2013
9000054570	31405041	.49 kW Solar Array	Walton	18-DEC-2014
9000055868	21518022	6.8 kW Solar Array	Walton	29-MAR-2013
9000060559	10612062	5 kW Solar Array	Okaloosa	11-SEP-2013

Accountno	Map Number	Reading Message	County	Interconnection Date
9000061669	29521072	.49 kW Solar Array	Walton	18-DEC-2014
9000064549	37506575	5 kW Solar Array	Walton	26-AUG-2013
9000068028	35422197	12.96 kW Solar Array	Walton	30-SEP-2014
9000068029	35422189	12.96 kW Solar Array	Walton	20-MAY-2011

TOTAL

202.725 KW