

**Marguerite McLean**

110000-0T

**From:** Cain, Frank [Frank.Cain@lcec.net]  
**Sent:** Monday, March 14, 2011 1:10 PM  
**To:** Filings@psc.state.fl.us  
**Subject:** LCEC April 1, 2011 Net Metering and Renewable Energy Filing  
**Attachments:** LCEC 2010 Net Metering and Renewable Energy Filing 4-01-11.pdf

Sorry for the previous filing, the attachment was not included.

- a. Filed By:  
Frank R. Cain, Jr., Director Regulatory and Governmental Relations  
PO Box 3455  
North Fort Myers, FL 33918-3455  
239-656-2347  
[frank.cain@lcec.net](mailto:frank.cain@lcec.net)
- b. Annual Interconnection and Net Metering, and, Standards for Renewable Energy, Conservation and Energy Efficiency Report
- c. Self (LCEC)
- d. Pages of Attachments:
  - (1) Cover Letter
  - (4) Interconnection and Net Metering of Customer Owned Renewable Generation
  - (2) Standards for Renewable Energy, Conservation and Energy Efficiency
- e. Description of Attachments:
  - Cover Letter explains the purpose of the filing
  - Interconnection and Net Metering of Customer Owned Renewable Generation provides metered information about LCEC's net metering customers.
  - Standards for Renewable Energy, Conservation and Energy Efficiency describes LCEC's support for renewable energy and measures the company takes in support of energy conservation and efficiency.

Thank You  
Frank R. Cain, Jr., Director Regulatory and Governmental Relations,  
Chief Risk/Compliance Officer  
LCEC  
239-656-2347  
239-281-6188 Cell  
239-656-2254 Confidential Fax

*Have a Safe Day*

DOCUMENT NUMBER - DATE  
01645 MAR 14 =  
FPSC-COMMISSION CLERK



Lee County Electric Cooperative, Inc.  
Post Office Box 3465  
North Fort Myers, FL 33918-3465  
239-995-2121 - FAX 239-995-7904  
[www.lcec.net](http://www.lcec.net)

March 16, 2010

Ms. Ann Cole  
Commission Clerk  
Florida Public Service Commission  
2540 Shumard Oak Blvd.  
Tallahassee, FL 32399-0850

Re: Reports for Section 366.91 (6), F.S. and Section 366.92 (5), F.S.

Dear Ms. Cole:

Please find attached two documents for filing. The first is the Interconnection and Net Metering of Customer Owned Renewable Generation Report for the period ending December 31<sup>st</sup>, 2010. This report was prepared in accordance with Commission Rule 25-6.065 (10), F.A.C. and meets requirements for Section 366.91 (6), F.S.

The second is the Standards for Renewable Energy, Conservation and Energy Efficiency Report for April 1, 2011. This report meets the reporting requirements for Section 366.92 (5), F.S.

If you have questions regarding this filing, please contact me at (239) 656-2347.

Sincerely,

Frank R. Cain, Jr.  
Director, Regulatory and Governmental Relations  
Chief Risk/Compliance Officer  
LCEC

Attachments (2)

DOCUMENT NUMBER-DATE

01645 MAR 14 =

FPSC-COMMISSION CLERK

**Lee County Electric Cooperative, Incorporated  
 Interconnection and Net Metering of Customer-Owned Renewable Generation Report  
 (for Period Ending December 31, 2010)**

This report is being filed in accordance with Commission Rule 25-6.065, F.A.C.

**10(a)** Total number of customer-owned renewable generation interconnection as of the end of the 2010 calendar year: 97

**10(b)** Total kW capacity of customer-owned renewable generation interconnected as of the end of the 2010 calendar year: 454.32 kW

**10(c)** Total kWh received by interconnected customers from the electric utility:

Month	kWh Received by Interconnected Customers
January	77,667
February	55,058
March	73,156
April	57,751
May	74,002
June	104,482
July	117,633
August	129,459
September	124,514
October	106,948
November	95,236
December	123,029
Annual Total	1,138,935

**10(d)** Total kWh of customer -owned renewable generation delivered to the electric utility:

Month	kWh Delivered to Utility
January	4,874
February	7,733
March	11,701
April	15,910
May	15,696
June	13,301
July	10,752
August	13,880
September	14,969
October	18,703
November	20,958
December	19,020
Annual Total	167,497

**10(e)** Total energy payments made to interconnected customers for customer-owned renewable generation delivered to the electric utility:

Total Energy Payments in 2010	Total Energy Payments for All Years
\$ 757.20	\$ 935.37

**10(f)** Customer-Owned Renewable Generation Interconnection Information

Customer No.	Renewable Technology Utilized	Gross Power Rating (kW)	Location by County	Date Interconnected
1	PV	3.50	Lee	1-Jul-09
2	PV	2.10	Collier	14-Sep-09
3	PV	5.20	Lee	25-Aug-09
4	PV	5.07	Lee	17-Nov-09
5	PV	2.20	Lee	24-Nov-09
6	PV	4.80	Lee	28-Aug-09
7	PV	18.00	Lee	3-Aug-09
8	PV	2.50	Lee	3-Aug-09
9	PV	5.20	Lee	1-Jul-09
10	PV	2.00	Lee	1-Jul-09
11	PV	4.80	Lee	1-Jul-09
12	PV	4.59	Lee	30-Dec-09
13	PV	5.16	Lee	1-Dec-09
14	PV	5.32	Lee	24-Jul-09
15	PV	5.00	Lee	7-Jul-09
16	PV	3.00	Lee	4-Sep-09
17	PV	5.13	Lee	13-Jul-09
18	PV	5.30	Lee	25-Oct-09
19	PV	5.04	Lee	9-Nov-09
20	PV	5.00	Lee	1-Jul-09
21	PV	5.00	Lee	2-Oct-09
22	PV	2.50	Lee	31-Aug-09
23	PV	4.80	Collier	12-Nov-09
24	PV	4.38	Lee	12-Dec-09
25	PV	4.70	Lee	27-Aug-09
26	PV	3.80	Lee	21-Dec-09
27	PV	2.60	Lee	1-Jul-09
28	PV	2.00	Lee	1-Jul-09
29	PV	5.10	Lee	1-Aug-09
30	PV	5.20	Lee	1-Sep-09
31	PV	3.00	Lee	28-Sep-09
32	PV	5.00	Lee	20-Aug-09

33	PV	3.90	Lee	13-Jul-09
34	PV	2.66	Lee	1-Jul-09
35	PV	5.20	Lee	1-Jul-09
36	PV	4.29	Lee	21-Sep-09
37	PV	5.00	Lee	1-Jul-09
38	PV	5.32	Lee	24-Jul-09
39	PV	5.98	Lee	25-Nov-09
40	PV	4.80	Lee	28-Sep-09
41	PV	3.00	Lee	14-Jul-09
42	PV	3.28	Lee	17-Aug-09
43	PV	4.80	Lee	13-Jul-09
44	PV	8.00	Collier	1-Jul-09
45	PV	3.50	Lee	27-Jul-09
46	PV	5.25	Lee	27-Jul-09
47	PV	5.70	Collier	30-Dec-09
48	PV	4.00	Lee	22-Sep-09
49	PV	4.00	Lee	22-Sep-09
50	PV	4.95	Lee	1-Jul-09
51	PV	3.10	Lee	2-Nov-09
52	PV	5.40	Lee	26-Feb-10
53	PV	5.00	Lee	1-Apr-10
54	PV	7.88	Lee	6-Jul-10
55	PV	5.30	Collier	2-Jun-10
56	PV	6.00	Lee	6-Jul-10
57	PV	4.00	Collier	26-Feb-10
58	PV	0.68	Lee	18-Oct-10
59	PV	8.40	Lee	1-Oct-10
60	PV	5.00	Lee	2-Jun-10
61	PV	4.50	Lee	4-May-10
62	PV	4.92	Lee	1-Apr-10
63	PV	5.00	Lee	18-Jun-10
64	PV	2.87	Lee	18-Jun-10
65	PV	5.20	Lee	26-Feb-10
66	PV	4.92	Lee	26-Feb-10
67	PV	5.30	Lee	1-Apr-10
68	PV	3.00	Lee	27-Sep-10
69	PV	5.06	Lee	4-May-10
70	PV	5.06	Lee	6-Jul-10
71	PV	2.20	Collier	2-Jun-10
72	PV	2.64	Lee	6-Jul-10
73	PV	2.10	Lee	6-Jul-10
74	PV	5.06	Lee	26-Feb-10
75	PV	2.40	Lee	1-Apr-10
76	PV	3.68	Lee	2-Jun-10
77	PV	4.83	Lee	11-Aug-10
78	PV	4.92	Lee	2-Jun-10
79	PV	5.04	Lee	3-Sep-10

80	PV	3.20	Lee	1-Apr-10
81	PV	10.00	Lee	22-Dec-10
82	PV	10.00	Lee	22-Dec-10
83	PV	3.04	Lee	11-Aug-10
84	PV	5.00	Lee	30-Aug-10
85	PV	4.92	Lee	1-Apr-10
86	PV	6.00	Lee	2-Jun-10
87	PV	5.30	Collier	4-May-10
88	PV	5.00	Lee	27-Sep-10
89	PV	6.30	Lee	14-Jul-10
90	PV	5.30	Lee	3-Nov-10
91	PV	4.14	Lee	26-Feb-10
92	PV	2.80	Lee	2-Jun-10
93	PV	3.80	Lee	18-Jun-10
94	PV	4.30	Lee	4-May-10
95	PV	2.76	Lee	2-Jun-10
96	PV	6.50	Lee	26-Feb-10
97	PV	5.88	Lee	6-Jul-10
Total		454.32		

**Standards for Renewable Energy, Conservation, and Energy Efficiency  
To Meet Reporting Requirements under Florida Statutes, Section 366.92, for  
April 1, 2011**

**Renewable Energy Resources**

LCEC is a Distribution Cooperative serving approximately 196,000 customers in southwest Florida. LCEC's system is divided into two separate geographical areas, north and south, and purchases all of its power requirements under all-requirements, wholesale power contracts with two power suppliers. LCEC has limited ability to expand large scale renewable generation capacity. LCEC encourages the acquisition of renewable resources by its power suppliers through on-going interactions with large scale renewable opportunities within its service territory and referring them to its power suppliers. These power suppliers purchase and/or generate renewable capacity and energy from a variety of sources including landfill gas, woody biomass, energy crops, municipal solid waste and central photovoltaic. For additional information on renewable generation capacities of LCEC wholesale power suppliers, please refer to the "Standards for Renewable Energy, Conservation and Energy Efficiency" filings for Seminole Electric Cooperative, Inc. and Florida Power and Light Company.

LCEC had implemented net metering services for member owned renewable generation. At the end of 2010, there were 97 member owned renewable generation systems. The total capacities of these systems were 454 kilowatts and are comprised of small rooftop photovoltaic systems.

To further encourage the expansion of member owned renewable generation deployments and to mitigate the adverse impact associated with the transition to the Net Metering Rate, LCEC Board of Trustees with Florida Public Service Commission's concurrence approved a revision to the Net Metering Rider effective January 1<sup>st</sup>, 2011. The revision entails the implementation of an annual review which compares the prior year's monthly net metering customer bills to the bills generated with customer's rate in effect prior to the installation of the renewable generation system. If the bill under the Net Metering Rider is greater than the comparison bill, the difference between the two monthly bills will be credited to the customer.

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

**Energy Conservation and Efficiency Measures**

LCEC actively promotes and encourages the expansion of cost effective conservation and energy efficiency directly to its members. In August, LCEC added a new online customer energy usage information and notification program, "kiloWATCH" to its portfolio of customer oriented energy conservation and energy efficiency measures. LCEC's "kiloWATCH" program provides online daily energy usage 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 program helps enrolled customers manage their daily energy consumption in

near real time. In December, the “kiloWATCH” program had more than 16,000 customer web page-views and 1,091 customers opted for energy usage threshold notifications.

LCEC’s portfolio of customer oriented energy conservation and efficiency measures include:

- On-line customer usage information and notification program, “kiloWATCH”;
- On-line residential and commercial energy surveys;
- On site residential and commercial energy audits;
- Good Cents Home certification program for building new energy efficient homes;
- Customer education on energy efficiency on website, newsletters and outreach opportunities;
- Residential load management;
- Interruptible rate load management; and
- Back-up generation for critical peak reduction.

LCEC’s on-line and 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 2010, 1,630 on-line energy audits were completed by LCEC members. Additionally, LCEC staff energy advisors completed 1,213 residential and 73 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.

LCEC’s Good Cents Home certification program incorporates a number of energy saving features into a newly constructed home. Couple the downturn in construction with new energy efficient Florida building codes that reduces the differentiation standards of LCEC’s Good Cents Home certifications, the number of Good Cents homes was in decline. In 2010, 21 certified Good Cents Homes were built.

LCEC’s marketing plan includes customer education efforts promoting energy conservation and energy efficiency. Energy efficiency information is provided to customers through LCEC’s website, monthly newsletters and community outreach programs. Presentations on energy efficiency were given at civic events, home-owners associations meetings, community festivals and at public schools and colleges. Through numerous promotions, customers were directed to LCEC’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.

LCEC has three load management programs consisting of Residential Direct Load Control, Interruptible Service and Back-up Generation. All three programs combined to provide for peak load management and significant system energy reductions in 2010.

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