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Ms. Renne Vance, Chief Clerk
North Carolina Utilities Commission
4325 Mail Service Center
Raleigh, North Carolina, 27699-4325

September 12, 2011

FILED

SEP 16 2011

Re: Docket No. RET-8, Sub 16
FLS Owner II, LLC – Registration Statement for a New Renewable Energy Facility
89 Solar Thermal Systems in New River Officer Housing at Camp Lejeune Marine Corps Base

Clerk's Office
N.C. Utilities Commission

Dear Ms. Vance:

FLS Owner II, LLC received a request, from the Public Staff, for additional information regarding the Docket No RET-8, Sub 15 and anticipates it will receive the same request for Docket No. RET-8, Sub 16. RET-8, Sub 16 was stamped "Filed September 9, 2011" by the Clerk's Office. Please find the questions, and answers, listed below.

1. If the facilities are to be sample metered, please confirm the percent of systems that will be metered.

5%-6%

89 homes in the New River Officer Housing neighborhood of Camp Lejeune Marine Corps Base are under construction. The solar thermal systems are under construction as a part of the home construction schedule. 44 units are currently complete. FLS Energy, Inc will meter an even number of systems, not less than 5% of the total number homes built.

2. If the facilities are to be sample metered, please provide a description of the processes taken to ensure that the sampling provides an accurate number of RECs created.

FLS Owner II, LLC has contracted with FLS Energy, Inc. to install the solar thermal systems in question. FLS Owner II, LLC files registrations for New Renewable Energy Facilities at Camp Lejeune Marine Corps Base by neighborhood. Sample metering is installed on homes so that the sample represents the overall neighborhood for similar orientation and slope.

FLS Energy, Inc. reviewed the projected demand on the systems in addition to the slope, orientation, azimuth and mounting options for the entire facility. FLS Energy, Inc. picked a representative sample of the facilities based on that review and has metered the sampling per the results.

As an example- if there were 99 houses (99 single panels systems) and 33 were flush mount systems with 0 degree Azimuth and a 25 degree slope, 33 were tilt mount systems with 10 degree Azimuth and a 25 degree slope, and the final 33 were tilt mount with -10 degree Azimuth with a 25 degree slope, 2 meters would be placed on each representative scenario

FLS Energy, Inc. designed and installed the system so that all hot water generated by solar would be consumed. The system is capable of generating 50 gallons of hot water in a day in a household using as much as 100+ gallons of hot water a day. With the solar fraction being less than 50%, all energy, and therefore RECs generated, will be utilized by the household.

FLS Energy, Inc. has a maintenance program that includes annual inspections to ensure and maintain the operation of the systems. Base wide, every house with a solar system has utility monitoring by the landlord. If there were to be an issue with performance, it would be seen by the landlord and reported to FLS. In addition, the annual inspections will allow FLS Energy, Inc to observe any potential shading concerns and address them at that time.

3. Please provide an answer to the following question on the application form: if the facility is already operating, what is the amount of the energy produced by the facility, net of station use, for the most recent 12-month or calendar-year period? Energy production data for a shorter time period is acceptable for facilities that have not yet operated for a full year.

The date of commercial operations for the 44 units is listed below.

February 28, 2011 – 34 systems

April 30, 2011 – 7 systems

May 31, 2011 – 2 systems

June 30, 2011 – 1 system

Through August 31, 2011 these systems produced a total of 61,576 Kwh.

Sincerely,



Michael Shore
President, Managing Member
FLS Owner II, LLC