

November 29, 2012

Mrs. Gail L. Mount, Chief Clerk
North Carolina Utilities Commission
4325 Mail Service Center
Raleigh, NC 27699-4325

RE: Docket No. SP-751 sub 5

FILED
NOV 29 2012
Clerk's Office
N.C. Utilities Commission

OFFICIAL COPY

Dear Mrs. Mount:

Enclosed for filing are the original and twelve (12) copies of the SunEnergy1, LLC's Application in the above-referenced docket.

Sincerely,



Kenny C. Habul

Encls.

RR
AG
Conrad
Green
Duffley
Ericson
Jones
Hodge
PS Legal
PS Elec (2)

STATE OF NORTH CAROLINA
UTILITIES COMMISSION
RALEIGH

DOCKET NO. SP _____

FILED
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Clerk's Office
N.C. Utilities Commission

BEFORE THE NORTH CAROLINA UTILITIES COMMISSION

In the Matter of

Application of SunEnergy1, LLC)	APPLICATION FOR
for a Certificate of)	CERTIFICATE OF
Public Convenience and Necessity for a)	PUBLIC NECESSITY AND
Solar Photovoltaic Array)	CONVENIENCE FOR AN
)	ELECTRIC GENERATING
)	FACILITY

1. Full Name, Business Address, and Business Telephone Number of Applicant

SunEnergy1, LLC
192 Raceway Drive
Mooresville, NC 28117
Attn: Kenny C. Habul
Phone: 704-654-7075
Email: Kenny@Sunenergy1.com

2. Applicant

SunEnergy1, LLC
A North Carolina Limited Liability Company
Organized on January 14, 2010

Kenny C. Habul
President and CEO
192 Raceway Drive
Mooresville, NC 28117

Phone: 704-654-7075
Email: Kenny@Sunenergy1.com

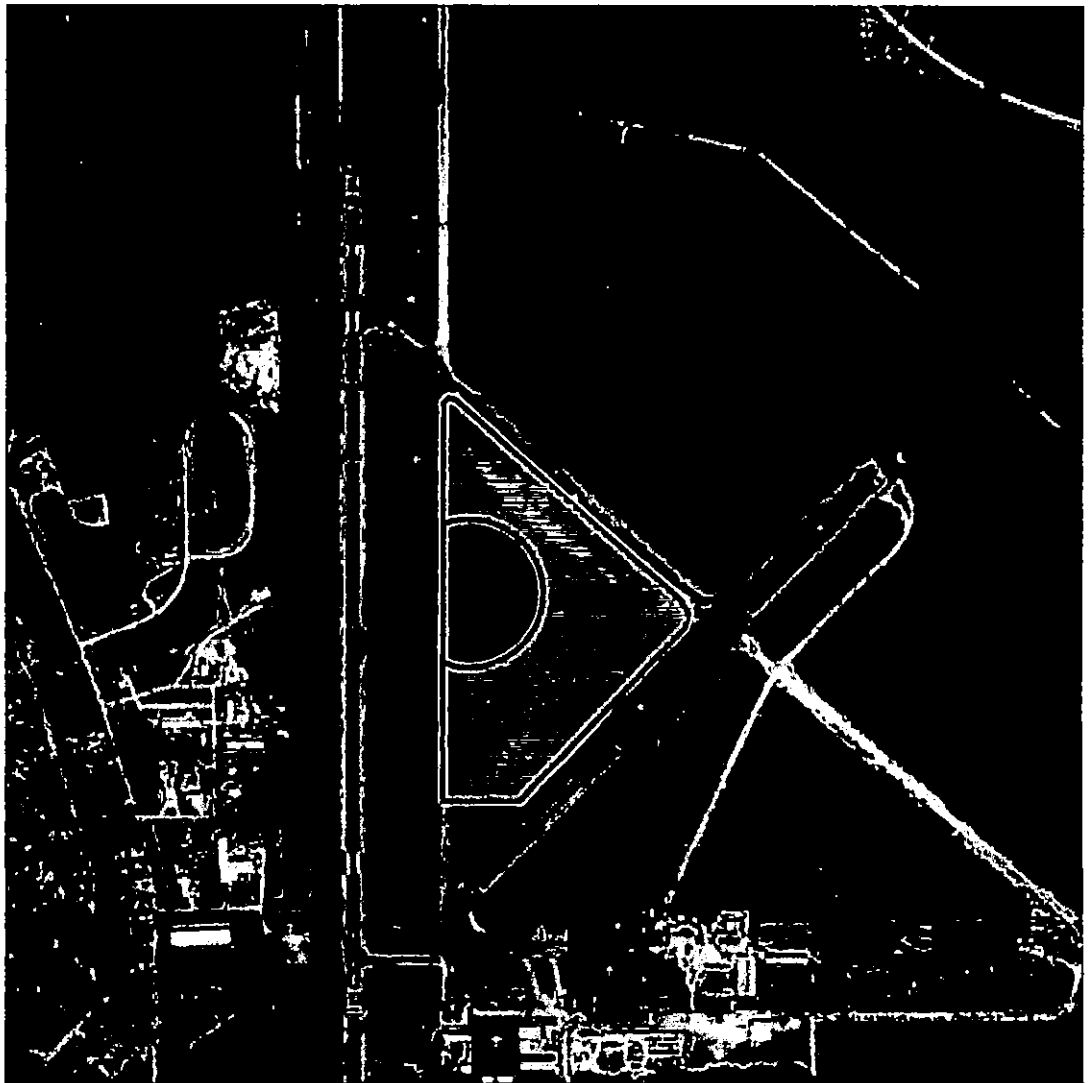
3. Nature of the generating facility including the type and source of its power or fuel

The generating facility will be one 8.000 MW (AC) photovoltaic array. The source of its power is solar energy.

4. Address or location of generating facility set forth in terms of local highways, streets, river, streams, or other generally known landmarks together with a map such as a county road map with the location indicated on the map.

SunEnergy1, LLC
113 Airport Drive
Edenton, NC 27932
Located at the Northeastern Regional Airport (see Exhibit A)

(i) Proposed layout



- (ii) All major equipment, including the generator, fuel handling equipment, plant distribution system, and startup equipment:

Inverters: *Schneider gt500-mvx, 500kw each
Panels: *Bosch C-SI m60, 290w each and
Racking: *Daetwyler Modu-Rack, 25 degree tilt

*or equivalent

- (iii) The site boundary:

Site boundary is identified by black line in layout above.

- (iv) Planned and existing pipelines, planned and existing roads, planned and existing water supplies, and planned and existing electric facilities:

- No existing or planned pipelines
- No existing or planned roads on site, however a gravel entrance will be provided at the north end of the site.
- No existing or planned water supplies on site, other than drainage ditches
- There are no existing electric facilities on site but a 8.00 mw-ac solar facility will be built on site per above layout

5. Owner of site, if the owner is not the applicant, and the owner's interest in the site or relation to application

Owner of site- Town of Edenton, NC. Applicant is leasing the site from the landowners and applicant will own 100% of the generating facility.

6. A description of the buildings, structures and equipment comprising the generating facility and the manner of their operation

The facility is a fixed tilt, ground mounted solar photovoltaic system consisting of approximately 32,000 PV modules and will utilize sixteen (16) 500kW inverters. The entire project will be fenced.

7. The projected maximum dependable capacity of facility in megawatts

Solar is an intermittent energy source, the maximum dependable capacity is 0 MW.

8. The projected cost of the facility

The projected cost is approximately \$25.60 MM.

9. The projected date on which the facility will come on line:

The facility is expected to be energized in phases as available with the complete system on line by 12/31/2013.

10. The applicant's general plan for sale of the electricity to be generated, including the utility to which the applicant plans to sell the electricity, any provisions for wheeling of the electricity, arrangements for firm, non-firm or emergency generation, the service life of the project, and the projected annual sales in kilowatt hours.

The applicant plans to sell the electricity to North Carolina Eastern Municipal Power Agency under a 15 year Power Purchase Agreement subject to the rate schedule EQF-2. The projected lifetime of the equipment is twenty years. The projected annual sales of electricity from this facility is approximately 24,000 MWh. The applicant intends to produce renewable energy certificates that can be used to comply with North Carolina's Renewable Energy Portfolio Standard

11. A complete list of all federal and state licenses, permits and exemptions required for construction and operation of the generating facility and a statement of whether each has been obtained or applied for. A copy of those that have been obtained should be filed with the application; a copy of those that have not been obtained at the time of the application should be filed with the Commission as soon as they are obtained.

The applicant plans to file for or is in the process of applying for the following:

- Self-certification as a Qualifying Facility with the Federal Energy Regulatory Commission.

STATE OF NORTH CAROLINA
UTILITIES COMMISSION
RALEIGH

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BEFORE THE NORTH CAROLINA UTILITIES COMMISSION

In the Matter of

Application of SunEnergy1, LLC)
for a Certificate of) VERIFICATION
Public Convenience and Necessity for a)
Solar Photovoltaic Array)

I, Kenny C. Habul, President and CEO, of SunEnergy1, LLC, verify that the contents of the application for a Certificate of Public Convenience and Necessity by SunEnergy1, LLC filed in this docket are true to the best of my knowledge. I am duly authorized to act on behalf of SunEnergy1, LLC.

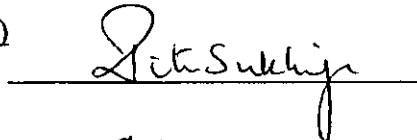


Kenny C. Habul, President and CEO

Sworn to and subscribed before me,
This is the 27 day of Nov, 2012.

(Signature of Notary)

Notary Public



My Commission expires: Nov 13, 2013

