


SUNENERGY1

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August 13, 2013

FILED

AUG 14 2013

Clerk's Office
N.C. Utilities Commission

SP-751 Sub 19

Via Certified Mail; Return Receipt Requested

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

**RE: CPCN Application for a 12 MW Solar Photovoltaic Array located near
Whitakers in Nash County, NC**

Dear Ms. Mount:

Enclosed for filing with the NCUC please find a new Application for Certificate of Public Necessity and Convenience of an Electric Generating Facility for the above-referenced location. Included with this filing are the original application with verification, twelve (12) copies of the application, and a check in the amount of \$25.00 for the application filing fee.

If you have any comments or questions, please feel free to contact us. Thank you for your assistance.

Sincerely,

SUNENERGY1, LLC



By: Lauren Gill
Corporate Paralegal

Enclosures

Clerk-PS
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AL
Green
Duttley
Conrad
Jones
Hodge
1 P. Legal
2 P. E. 1cc

DOCKET NUMBER SP-751 SUB 19

BEFORE THE NORTH CAROLINA UTILITIES COMMISSION

In the Matter of)
Application of SunEnergy1, LLC)
For a Certificate of Public Convenience)
And Necessity for a 12 MW Solar Facility)
Located in Nash County, North Carolina)

APPLICATION FOR
CERTIFICATE OF
PUBLIC NECESSITY
AND CONVENIENCE
FOR AN ELECTRIC
GENERATING
FACILITY

FILED

AUG 14 2013

Clerk's Office
N.C. Utilities Commission

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

SunEnergy 1, LLC
192 Raceway Drive
Mooresville, NC 28117
Attn: Kenny Habul
Phone: (704) 662-0375
Email: Kenny@sunenergy1.com

2. Applicant

SunEnergy 1, LLC
a North Carolina Limited Liability Company organized January 15, 2010.

Kenny Habul, CEO & President
192 Raceway Drive
Mooresville, NC 28117
Phone: (704) 662-0375
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 12 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.

This property is approximately 100 acres and located on Watson Seed Farm Road, near Bellamy Mill Road.

Located in Nash County, North Carolina

(i) The proposed layout



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

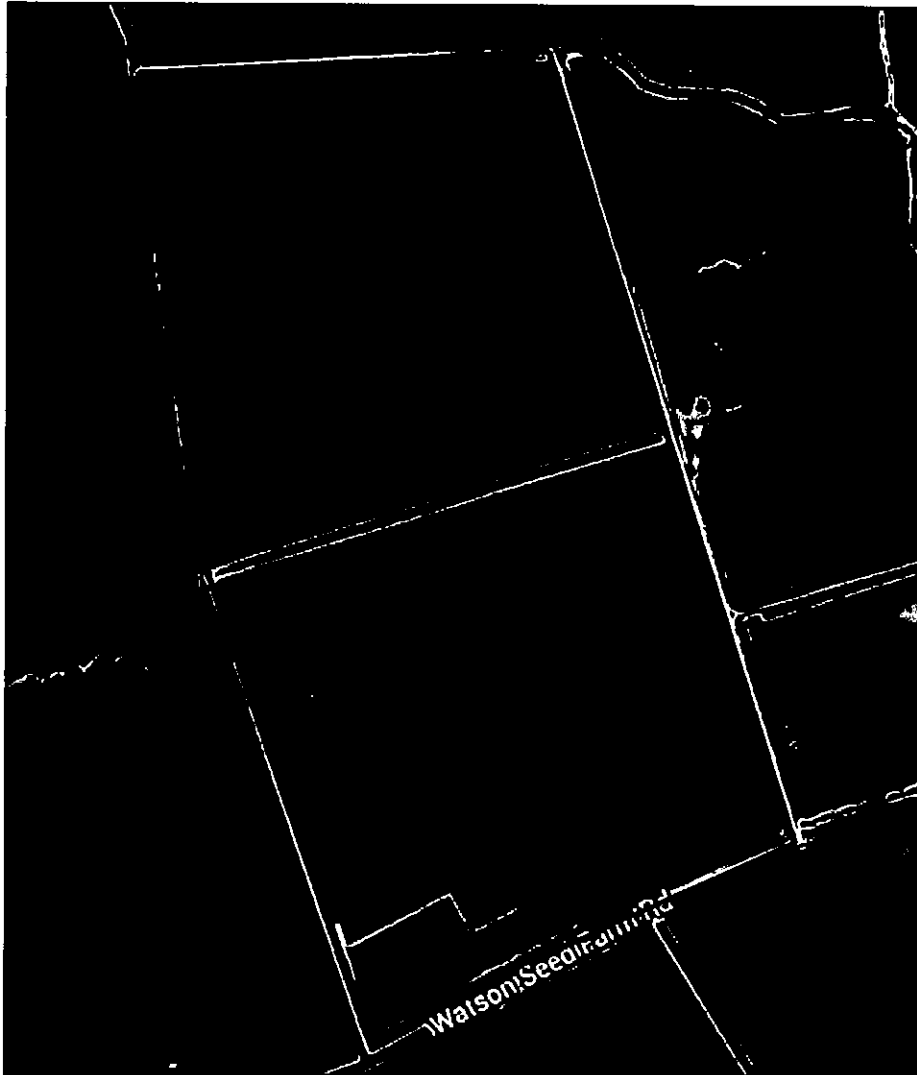
Inverters: Schneider GT500 MV-208

Panels: Renesola 255W

Daetwyler Modu-Rack, 25 degree tilt.

Please note – the horizontal lines above depict modules & racking – no structures will be constructed on the site.

(iii) The site boundary:



The site boundary is identified by the red line in the 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 to access the site.
- No existing or planned water supplies on site, other than drainage ditches.
- There are no existing electric facilities on site but a 5 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

Applicant is leasing the site from the landowner 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 58,824 PV modules and will utilize twenty-four (24) 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 12 MW (AC).

8. The projected cost of the facility

The projected cost is approximately \$33.0 Million

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 12/31/2014.

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 Dominion Power under a Power Purchase Agreement.

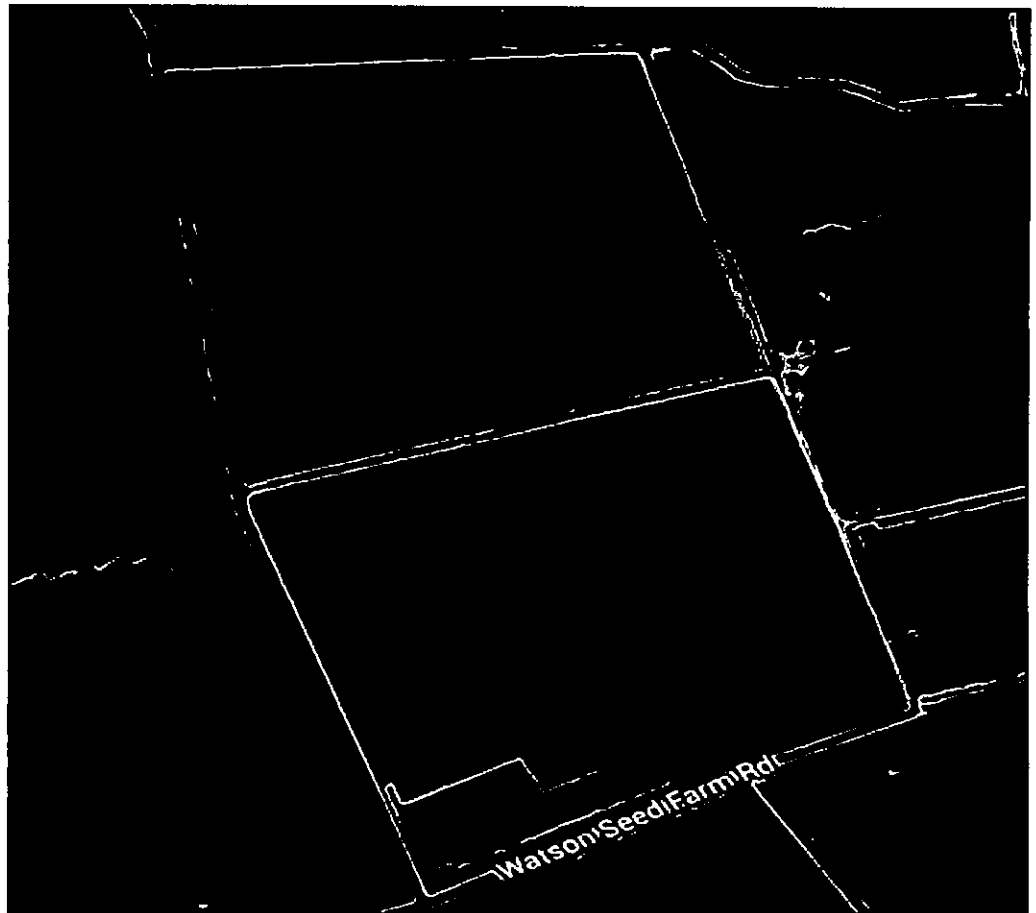
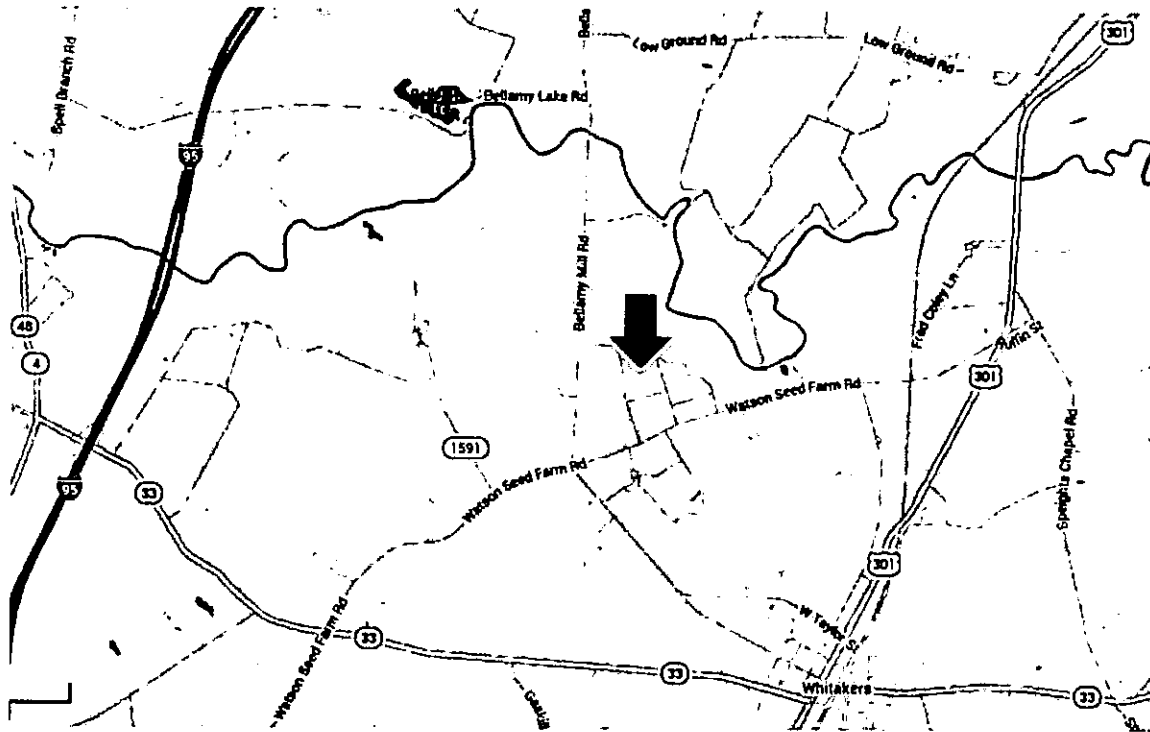
The projected lifetime of the equipment is twenty (20) years. The projected annual sales of electricity from this facility is approximately 10,000,000 kWh. The applicant intends to produce renewable energy certificates that can be used to comply with North Carolina's Renewable Energy Portfolio Standard.

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.

Location of Site



This property is located on Watson Seed Farm Road, near Bellamy Mill Road, Whitakers, NC, in Nash County.

STATE OF NORTH CAROLINA
UTILITIES COMMISSION
RALEIGH

DOCKET NO. SP-751 Sub 19

BEFORE THE NORTH CAROLINA UTILITIES COMMISSION

In the Matter of)
Application of SunEnergy1, LLC for a)
Certificate of Public Convenience and) **VERIFICATION**
Necessity for a 12-MW Solar Facility)
Located in Nash County, North Carolina)

I, Kenny Habul, 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.

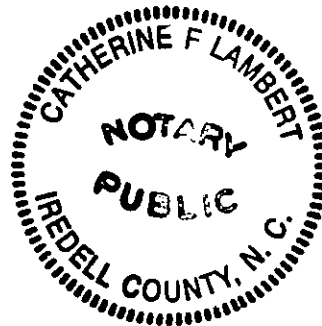
Date: August, 13 2013

Kenny Habul
Kenny Habul, CEO & President

STATE OF NORTH CAROLINA)
) ss.
COUNTY OF IREDELL)

Sworn to and subscribed before me
this 13th day of August, 2013

Catherine F Lambert
Notary Public



My Commission Expires: 04/21/2017