

6/17/2

Chief Clerk North Carolina Utilities Commission
4325 Mail Services Center
Raleigh, NC 27699-4325

SP 3845 SUB 1

2014

OFFICIAL COPY

June 17, 2014,

FILED

JUN 23 2014

To Whom It May Concern:

Clerk's Office
N.C. Utilities Commission

This filing is an application for a certificate of public convenience and necessity according to Rule R8-64. This application is for a 4.99MWac (6.5MWdc) photovoltaic solar generator to be located in Asheboro, Randolph County, North Carolina.

A copy of this application has also been provided to Progress Energy Corporation.

Sincerely,



Gerald Dudzik, COO
CSE LLC II
400 West Main Street, Suite 503
Durham, NC 27701

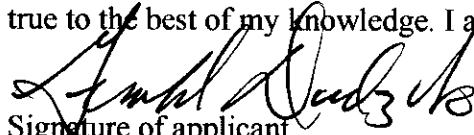
STATE OF NORTH CAROLINA
UTILITIES COMMISSION
RALEIGH

DOCKET NO. (SP, 2363, SUB 15)


BEFORE THE NORTH CAROLINA UTILITIES COMMISSION

In the Matter of Application of
(CSE II LLC)
(for a Certificate of Public Convenience and Necessity for (ABD Farm) VERIFICATION

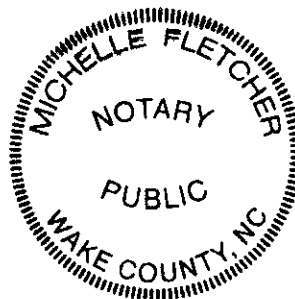
I, Gerald Dudzik, COO of CSE II LLC, verify that the contents of the application for a Certificate of Public Convenience and Necessity by CSE II LLC filed in this docket are true to the best of my knowledge. I am duly authorized to act on behalf of CSE II LLC


Signature of applicant
Gerald Dudzik

Sworn to and subscribed before me, this is the 17 day of June, 2014.


(Signature of Notary)
Notary Public

My Commission expires: 10.10.17



Application for Certificate of Public Necessity and Convenience

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

CSE II LLC
400 West Main Street, Suite 503
Durham, NC 27701
Attn: Gerald Dudzik
Phone: 919-681-6822

2. Individual

Gerald Dudzik, COO CSE II LLC

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

The generating facility consists of a 4.99MWac (6.60 MWdc) photovoltaic solar generator. The source of its power is solar.

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.

3224 US 64
Asheboro, NC 27537

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

The owner of the site is ABD Development, INC., 169 JBob Lane, NC 27209. CSE II LLC has a Land Lease for the property with ABD Development, INC.

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

The 4.99MWac (6.50MWdc) Photovoltaic Generator will be located on approximately 45 acres of land on US 64 in Randolph County, NC. The generator will have a security fence and operate during daylight hours without personnel on site.

The ABD Farm 4.99 MWac Solar Photovoltaic Generator system structures and equipment are the following:

- 21,680 CSI 300 Watt Polycrystalline Solar Panels
- Schletter Fixed Tilt Ground Mounting Racks
- 6 SMA 750 KW inverters
- 6 high voltage transformers
- Balance of System including wiring, combiner boxes and disconnects
- PV System Remote Monitoring.

7. The projected maximum dependable capacity of facility in megawatts

The PV Solar system will generate approximately 9,600 MWh the first year and the system output will decline at approximately .4% annually due to system aging. The PV solar energy generation is intermittent, the maximum dependable capacity will be 0 MW.

8. The projected cost of the facility

The projected project cost is \$15,550,000.

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

December 31, 2015.

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 will sell all electricity to Progress Energy Corporation, under a 15 year Renewable Power Purchase Agreement (RPPA). The projected lifetime of the equipment is twenty five years. Estimated annual sales in kWh is 9,600,000.

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 has filed for self-certification as a Qualifying Facility under the Federal Energy Regulatory Commission on June 17, 2014.

The applicant has filed a Registration Statement for a New Renewable Energy Facility with the NCUC under Commission R8-66 on June 13, 2014.

The applicant will file for a Randolph County Special Use Permit with the Randolph County Planning Board on August 16, 2014.

The applicant will file for an erosion control permit with Randolph County Inspections Department and NC DENR in January 2015.

The applicant will file for a Randolph County Building Permit with the Randolph County Inspections Department in March 2015.



ABD Development - Randolph Co.

PIN: 7772627274

~43 acre Solar Parcel

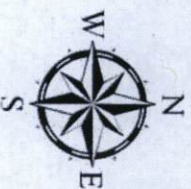
~5 acre shade easement

Progress 3 phase
distribution line

Interconnection/Site access

Stream

US HWY 64



Project: ABD Development
3224 US 64
Asheboro, NC
Lat: 35.728149
Lon: -79.747676

Proposed Site
Layout (Not for
Construction)

ISSUE
5.8.14 (ZH)
REVISIONS
5.23.14 (ZH)

Developer
Carolina Solar Energy II LLC
400 W. Main St. Suite 503
Durham, NC 27701
Tel: 919.682.6822



ABD Farm Map SP-2363, Sub 15

The project will be located on parcel 7772627274 (outlined below in red) on US HWY 64 in Randolph County between Asheboro and Ramseur NC. The project will occupy roughly 40 acres of the 136.6 acre parcel.

