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JUN 16 2014

Clerk's Office  
N.C. Utilities Commission

400 West Main Street, Suite 503 Durham, NC 27701  
919-682-6822 [www.carolinasolarenergy.com](http://www.carolinasolarenergy.com)

13 June 2014

RE: Application to Register a Renewable Energy Facility Pursuant to Rule R8-66  
**SP-2363, Sub 15**

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

Dear Ms Mount:

In accordance with Rule R8-66, please find the Registration Statement original with notarized signature for the ABD Farm solar project to be constructed near the town of Asheboro in Randolph County, North Carolina.

Best regards,

A handwritten signature in blue ink, appearing to read "Gerry Dudzik", is written over a horizontal line.

Gerry Dudzik  
Carolina Solar Energy II, LLC  
Office: 919-682-6822  
Cell: 919-450-8478  
Email: [gtudzik@carolinasolarenergy.com](mailto:gtudzik@carolinasolarenergy.com)



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### **ABD Farm Solar Project Description**

Carolina Solar Energy II, LLC will design, permit, construct and commission a 6.50 MWdc (4.99MWac) photovoltaic generator to be located on approximately 40 acres of land at 3224 US 64 near the town of Asheboro, in Randolph County, NC at a cost of approximately \$15,500,000.

The project will sell electricity to Progress Energy Carolinas under a FERC avoided cost contract. The interconnection and delivery will be via Progress Energy Carolinas Power 3-phase service

#### **The solar generator is composed of:**

- 21,660 Canadian Solar 300 Wdc PV Panels
- Schletter FS Fixed tilt Ground Mount @ 25 degrees
- 6 x SMA 3 phase, 750kw Inverters
- Balance of System including wiring, combiner boxes, disconnects and hardware
- Remote monitoring system
- Security fencing
- Site area approximately 40 acres

#### **Project Schedule**

Carolina Solar Energy II, LLC proposes the following construction schedule:

- Design, financing and permitting Summer/Fall 2014
- Equipment delivery Spring 2015
- Generator construction Summer 2015
- Final inspections, commissioning and operation completed by December 31, 2015

Note: Please complete the form, print it, have it signed, notarized, make 15 copies and send them to the Chief Clerk of the Commission. Be sure to print a copy for your records as you cannot save data onto the form, nor can you file it online. Be sure to attach additional information, such as maps, as required.

# **Application to Register a Renewable Energy Facility or New Renewable Energy Facility Pursuant to Rule R8-66**

(Applicants should consult Rule R8-66 while completing this form in order to ensure they provide sufficient information.)

Facility name:	ABD Farm
Full and correct name of the owner of the facility:	Carolina Solar Energy II, LLC
Business address:	400 W Main St, Suite 503 Durham, NC 27701
Electronic mailing address:	gtdudzik@carolinasolarenergy.com
Telephone number:	919-682-6822
Owner's agent for purposes of this application, if applicable:	n/a
Agent's business address:	n/a
Agent's electronic mailing address:	n/a
Agent's telephone number:	n/a
The owner is: Carolina Solar Energy II, LLC	<input type="checkbox"/> Individual <input type="checkbox"/> Partnership <input checked="" type="checkbox"/> Corporation (including LLC)
If a corporation, state and date of incorporation.	State <u>NC</u> Date <u>08/08/2008</u>

If a corporation that is incorporated outside of North Carolina, is it domesticated in North Carolina?	<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> <input type="checkbox"/> Yes         </div> <div style="text-align: center;"> <input type="checkbox"/> No         </div> </div>
If a partnership, the name and business address of each general partner. (Add additional sheets if necessary.)	n/a
Nature of the renewable energy facility:	<div style="background-color: #cccccc; height: 30px;"></div>
1. Describe the facility, including its technology, and the source of its power and fuel(s). Thermal facilities should describe how its host uses the facility's thermal energy output. (Add additional sheets if necessary.)	<p>ABD Farm is an approximately 4.99 MWac solar photovoltaic (PV) generator located at 3224 NC HWY 64 in Asheboro NC.</p> <p>The solar PV generator will include approximately 21,660 x 300 watt polycrystalline solar panels on fixed tilt ground mount racking system with 6 x 750 kw Inverters</p>
2. Whether it produces electricity, useful thermal energy, or both.	The facility will produce electric energy from the sun via PV panels
3. Nameplate capacity in kW/MW (AC) and/or maximum Btu per hour for thermal facilities.	Approximately 4.99 MWac

<p>The location of the facility set forth in terms of local highways, streets, rivers, streams, or other generally known local landmarks. <b>Attach a map, such as a county road map, with the location indicated on the map.</b></p>	<p>The generator in is located at 3224 NC HWY 64 in Asheboro NC</p>
<p>Site ownership:</p>	
<p>1. Is the site owner other than the facility owner? If yes, who is the site owner?</p>	<p>The site is owned by Bob Myrick</p>
<p>2. What is the facility owner's legal interest in the site?</p>	<p>Carolina Solar Energy II LLC has an executed land lease agreement with the land owner</p>
<p>List the approvals that are required to build and/or operate this facility, and attach copies of those that have been obtained. Wind facilities with multiple turbines, where each turbine is licensed separately, may provide copies of approvals for one such turbine but shall add an attestation that approvals for all of the turbines are available for inspection.</p>	
<p>1. Federal permits and licenses:</p>	<p>FERC 556</p>
<p>2. State permits and licenses:</p>	<p>NCUC R8-66, CPCN R8-64, Rezoning Permit</p>
<p>3. Exemptions required for construction and operation of the facility:</p>	<p>None</p>
<p>4. Statement of whether each has been obtained or applied for (attach copy of those that have been obtained with this application):</p>	<p>FERC 556: to be applied for CPCN R8-64 to be applied for Randolph County Rezoning: to be applied for</p>

If the facility has been placed into service, on what date did the facility begin operating?	No
If the facility is not yet operating, on what date is the facility projected to be placed into service?	On or before 12/31/15
If the facility is already operating, what is the amount of 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.	n/a
What entity does (or will) read the facility's energy production meter(s) for the purpose of issuing renewable energy certificates?	Progress Energy Carolinas
For thermal energy facilities, describe the method to be used to determine the facility's thermal energy production, in BTUs, that is eligible for REC issuance.	n/a
Does the facility participate in a REC tracking system and if so, which one? If not, which tracking system will the facility participate in for the purpose of REC issuance?	Yes, NC RETS

<p>If this facility has already been the subject of a proceeding or submittal before the Commission, such as a Report of Proposed Construction or a Certificate of Public Convenience and Necessity, please provide the Commission Docket Number, if available.</p>	<p>No</p>
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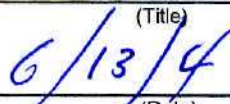
The owner of the renewable energy facility shall provide the following attestations, signed and notarized:

1. ☒ Yes ☐ No I certify that the facility is in substantial compliance with all federal and state laws, regulations, and rules for the protection of the environment and conservation of natural resources.
2. ☒ Yes ☐ No I certify that the facility satisfies the requirements of G.S. 62-133.8(a)(5) or (7) as a:  
☐ renewable energy facility, or  
☐ new renewable energy facility,  
and that the facility will be operated as a:  
☐ renewable energy facility, or  
☐ new renewable energy facility.
3. ☒ Yes ☐ No I certify that 1) my organization is not simultaneously under contract with NC GreenPower to sell our RECs emanating from the same electricity production being tracked in NC-RETS; and 2) any renewable energy certificates (whether or not bundled with electric power) sold to an electric power supplier to comply with G.S. 62-133.8 have not, and will not, be remarketed or otherwise resold for any other purpose, including another renewable energy portfolio standard or voluntary purchase of renewable energy certificates in North Carolina (such as NC GreenPower) or any other state or country, and that the electric power associated with the certificates will not be offered or sold with any representation that the power is bundled with renewable energy certificates.
4. ☒ Yes ☐ No I certify that I consent to the auditing of my organization's books and records by the Public Staff insofar as those records relate to transactions with North Carolina electric power suppliers, and agree to provide the Public Staff and the Commission access to our books and records, wherever they are located, and to the facility.
5. ☒ Yes ☐ No I certify that the information provided is true and correct for all years that the facility has earned RECs for compliance with G.S. 62-133.8.
6. ☒ Yes ☐ No I certify that I am the owner of the renewable energy facility or am duly authorized to act on behalf of the owner for the purpose of this filing.

  
(Signature)

Gerald T. Dudzik

(Name - Printed or Typed)

  
(Title)  
  
(Date)



VERIFICATION

STATE OF NC COUNTY OF Durham

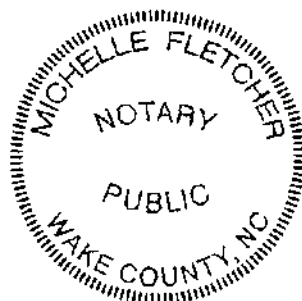
Berald T. Dudzik, personally appeared before me this day and, being first duly sworn, says that the facts stated in the foregoing application and any exhibits, documents, and statements thereto attached are true as he or she believes.

WITNESS my hand and notarial seal, this 13 day of June, 2014.

My Commission Expires: 10-10-17

Michelle Fletcher  
Signature of Notary Public

Michelle Fletcher  
Name of Notary Public – Typed or Printed



The name of the person who completes and signs the application must be typed or printed by the notary in the space provided in the verification. The notary's name must be typed or printed below the notary's seal. This original verification must be affixed to the original application, and a copy of this verification must be affixed to each of the 15 copies that are also submitted to the Commission.

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.

