

STATE OF NORTH CAROLINA
UTILITIES COMMISSION
RALEIGH

DOCKET NO. SP-5196 sub 0

BEFORE THE NORTH CAROLINA UTILITIES COMMISSION

In the Matter of the Application of)	APPLICATION FOR A
Lane Solar Farm, LLC For a)	CERTIFICATE OF PUBLIC
Certificate of Public Convenience)	CONVENIENCE AND NECESSITY
and Necessity and Registration as a)	AND REGISTRATION AS A NEW
New Renewable Energy Facility)	RENEWABLE ENERGY FACILITY

Lane Solar Farm, LLC ("Lane Solar Farm" or the "Applicant"), hereby applies to the North Carolina Utilities Commission (the "Commission") pursuant to G.S. § 62-110.1 and Commission Rule R8-64 for a Certificate of Public Convenience and Necessity authorizing construction of a 4.99 megawatt ("MW") (alternating current) solar facility (the "Facility") to be located in Wayne, County. The Applicant also submits its Registration as a New Renewable Energy Facility pursuant to Commission Rule R8-66.

APPLICATION FOR A CERTIFICATE OF PUBLIC CONVENIENCE AND NECESSITY

In support of its application, Lane Solar Farm, LLC provides the Commission the attached five exhibits in compliance with Rule R8-64.

REGISTRATION AS A NEW RENEWABLE ENERGY FACILITY

Please see attached Registration Form.

WHEREFORE, Lane Solar Farm, LLC respectfully requests that the Commission:

(i) issue a Certificate of Public Convenience and Necessity pursuant to G.S. § 62-110.1 and Commission Rule R8-64 for the 4.99-MW_{AC} Facility, as more specifically described herein; and

(ii) accept the Registration of the Facility as a New Renewable Energy Facility pursuant to G.S. § 133.8 and Commission Rule R8-66.

Respectfully submitted this 13 day of March, 2015

By:


Paul Fleury

**Lane Solar Farm, LLC
Application Exhibit 1**

- i. The Applicant's full and correct name, business address, and business telephone number are:

Lane Solar Farm, LLC
804 Meeting Street
Charleston, SC 29403
843-906-4759

The electronic mailing address for purposes of this filing is
pfleury@sccleanenergy.com.

- ii. Lane Solar Farm, LLC is a North Carolina limited liability company that was formed March 09, 2015. Paul Fleury is duly authorized to act as a corporate agent for the purposes of this application. The Applicant and agent consent to electronic service of filings related to this application.

Paul Fleury
Lane Solar Farm, LLC
804 Meeting Street
Charleston, SC 29403
pfleury@sccleanenergy.com

Correspondence, documents, and filings regarding this application should be sent as follows:

Paul Fleury
Lane Solar Farm, LLC
804 Meeting Street
Charleston, SC 29403
pfleury@sccleanenergy.com

- iii. Lane Solar Farm, LLC will be the owner of the Facility and has entered into a lease with Lane Farms Inc., the current owners of the site.

**Lane Solar Farm, LLC
Application Exhibit 2**

- i. See attached map with the proposed location of major equipment. The final site layout will depend on design considerations, consultation with Duke Energy Progress and required permits.
- ii. An e911 street address has not been assigned to the Facility at this time. The Applicant will notify the Commission of the e911 street address when it is received. Due to the e911 address not being assigned at this time, the Applicant provides that the facility will be located at the intersection of Old Smithfield Road and Hollowell Road in Rosewood, NC, Wayne County. The GPS coordinates of the facility are: 35°23'46.53"N, 78° 3'10.03"W.

**Lane Solar Farm, LLC
Application Exhibit 3**

- i. The Facility will be a 4.99-MW_{AC} photovoltaic ("PV") array. The source of its power is solar energy.
- ii. The Facility will consist of approximately twenty two thousand six hundred and ten (22,610) 300Wp PV modules (or equivalent) affixed to ground mounted racks supported on driven piles. The Facility will utilize approximately five (5) 1000kW inverters (or equivalent).
- iii. The maximum gross power production capacity of the Facility will be 5.0-MW_{AC} and the projected maximum net power production capacity is 4.925-MW_{AC}. Solar is an intermittent energy source, and therefore, the maximum dependable capacity is 0 MW. The Facility's nameplate capacity is 4.9-MW_{AC}.
- iv. The Facility is projected to come online in December, 2015.
- v. Electricity generated by the Facility will be sold to Duke Energy Progress under a fifteen year power purchase agreement.
- vi. There are no provisions for wheeling of the electricity generated.
- vii. There are no arrangements for firm, non-firm or emergency generation.
- viii. The service life of the equipment is expected to be a minimum of 25 years.
- ix. The projected annual sales of the Facility are 10,500,000 kWh.
- x. The Applicant will produce renewable energy certificates that are eligible for compliance with North Carolina's renewable energy and energy efficiency portfolio standard.

**Lane Solar Farm, LLC
APPLICATION EXHIBIT 4**

- i. The Applicant will file for self-certification as a Qualifying Facility under the Federal Energy Regulatory Commission. The Applicant anticipates needing a soil and erosion control permit from the Department of Environment and Natural Resources. The Facility has no potable water needs.
- ii. The Applicant will file a copy of the federal and state licenses, permits and exemptions, if any are received, once they are obtained.

**Lane Solar Farm, LLC
Application Exhibit 5**

The projected cost of the Facility is twelve million dollars (\$12,000,000).

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:	Lane Solar Farm, LLC
Full and correct name of the owner of the facility:	Lane Solar Farm, LLC
Business address:	804 Meeting Street Charleston, SC 29403
Electronic mailing address:	pfleury@sccleanenergy.com
Telephone number:	843-906-4759
Owner's agent for purposes of this application, if applicable:	Paul Fleury
Agent's business address:	804 Meeting Street Charleston, SC 29403
Agent's electronic mailing address:	pfleury@sccleanenergy.com
Agent's telephone number:	843-906-4759
The owner is:	<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>03/09/15</u>

If a corporation that is incorporated outside of North Carolina, is it domesticated in North Carolina?	<input type="checkbox"/> Yes <input type="checkbox"/> No
If a partnership, the name and business address of each general partner. (Add additional sheets if necessary.)	NA
Nature of the renewable energy facility:	
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.)	The generating facility consists of a 4.99 MW (AC) photovoltaic system powered by solar energy.
2. Whether it produces electricity, useful thermal energy, or both.	Electricity
3. Nameplate capacity in kW/MW (AC) and/or maximum Btu per hour for thermal facilities.	4.99 MW (AC)


<p>The location of the facility set forth in terms of local highways, streets, rivers, streams, or other generally known local landmarks. Attach a map, such as a county road map, with the location indicated on the map.</p>	<p>At the intersection of Old Smithfield Road and Hollowell Road in Rosewood, NC: Wayne County. The GPS coordinates of the facility are: 35°23'46.53"N, 78°3'10.03"W.</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>Yes, Lane Farms Inc.</p>
<p>2. What is the facility owner's legal interest in the site?</p>	<p>The facility owner has entered into a site control agreement with the property 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 Form 556 (Self-certification)</p>
<p>2. State permits and licenses:</p>	<p>-Soil and Erosion Control Permit from the Department of Environment and Natural Resources - NCDOT Street and Driveway Access Permit</p>
<p>3. Exemptions required for construction and operation of the facility:</p>	<p>NA</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>None have been applied for to date.</p>

If the facility has been placed into service, on what date did the facility begin operating?	NA
If the facility is not yet operating, on what date is the facility projected to be placed into service?	01 December 2015
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.	NA
What entity does (or will) read the facility's energy production meter(s) for the purpose of issuing renewable energy certificates?	Duke Energy Progress
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.	NA
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?	The facility plans to participate in NC-RETS for purposes of REC tracking.

<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>NA</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.

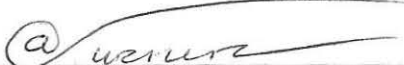

 (Signature)
 Paul Fleury
 (Name - Printed or Typed)

Managing Member
 (Title)
 3/13/15
 (Date)

VERIFICATIONSTATE OF South Carolina COUNTY OF Charleston

Paul Fleury, 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.

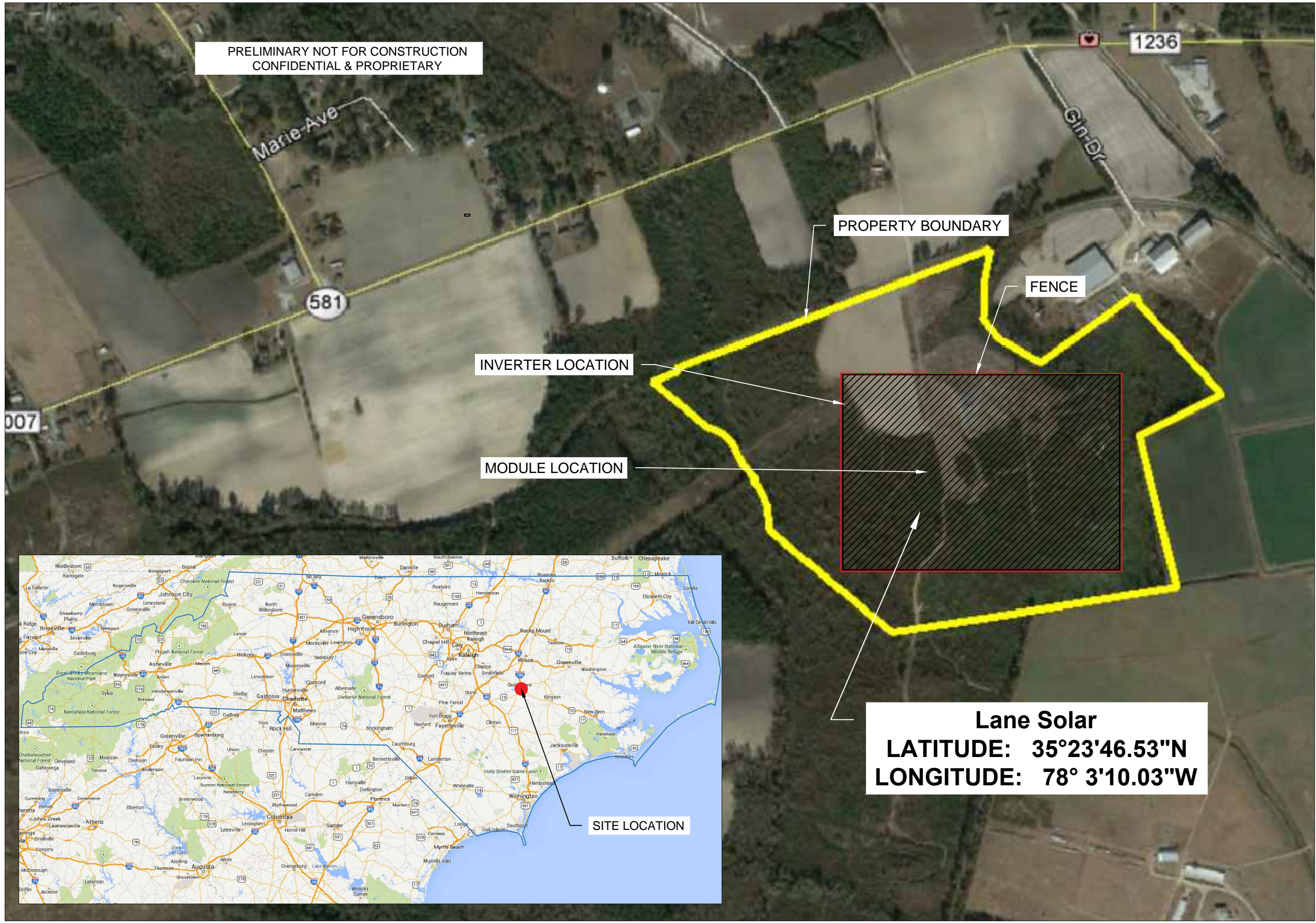
WITNESS my hand and notarial seal, this 13 day of March, 2015.My Commission Expires: 01/21/2025


Signature of Notary Public

A. Turner
Name of Notary Public – Typed or Printed



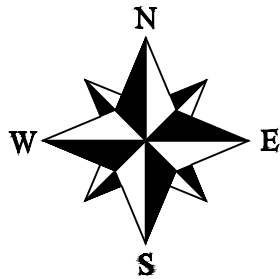
The name of the person who completes and signs the application must be typed or printed by the notary in the space provided in the verification. The notary's name must be typed or printed below the notary's seal. This original verification must be affixed to the original application, and a copy of this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



Sustainable Energy Solutions
804 Meeting St
Charleston, SC 29403
(o) 843.277.2090
(f) 843.225.2980

GRID TIED PHOTOVOLTAIC SYSTEM

4.99MW AC
LANE SOLAR
35°23'46.53"N, 78° 3'10.03"W
ROSEWOOD



DATE: 2.20.2015

NOT TO SCALE

SITE PLAN