

SP-5145, Sub 0

February 13, 2015

BY ELECTRONIC FILING

Gail L. Mount
Chief Clerk
North Carolina Utilities Commission
430 North Salisbury Street
Raleigh, North Carolina 27603

Re: Docket No. ~~SP-5145, Sub 0~~

SP-5154, Sub 0
Rowan Solar, LLC – Submission of a Report of Proposed Construction for a 1.99 MW AC solar photovoltaic array and Application for Registration as a Renewable Energy Generating Facility

Dear Clerk Mount:

Enclosed for filing is Rowan Solar, LLC's Submission of a Report of Proposed Construction of a Renewable Energy Generating Facility Application for Registration as a New Renewable Energy Facility for a 1.99 MW AC solar photovoltaic array. A copy of this report is being provided to Duke Energy Carolinas.

Thank you for your time and attention.

Sincerely,



Lauren E. Barnett

CC: Duke Energy Carolinas

Enclosures

OFFICIAL COPY

Feb 18 2015

STATE OF NORTH CAROLINA
UTILITIES COMMISSION
RALEIGH

50-5154
DOCKET NO. ~~SP-5145~~, SUB 0

BEFORE THE NORTH CAROLINA UTILITIES COMMISSION

| | | |
|------------------------------------|---|-------------------------------|
| In the Matter of Submission of |) | |
| Rowan Solar, LLC of a Report |) | SUBMISSION OF A REPORT OF |
| of Proposed Construction |) | PROPOSED CONSTRUCTION AND |
| and Application for Registration |) | REGISTRATION AS NEW RENEWABLE |
| as a New Renewable Energy Facility |) | ENERGY FACILITY |

Rowan Solar, LLC ("Rowan Solar") or the "Applicant", hereby submits to the North Carolina Utilities Commission (the "Commission") pursuant to Commission Rule R8-65 a Report of Proposed Construction authorizing construction of a facility less than two (2) megawatt ("MW") solar facility (the "Facility") to be located in Rowan County. This report is for a nonutility-owned generating facility fueled by renewable energy resources under two megawatts in capacity and as such, is exempt from certification under G.S 62-110.1(g). This report of proposed construction includes the information prescribed in subsection (b)(1) of Rule R8-64 and is signed and verified by the owner of the electric generating facility or by an individual duly authorized to act on behalf of the owner for the purpose of the filing. The Applicant also applies for its Registration as a New Renewable Energy Facility pursuant to Commission Rule R8-66.

Submission of Report of Proposed Construction

In support of its application, Rowan Solar shows the Commission the following:

Exhibit 1

- i. Full and correct name, business address, business telephone number, and electronic mailing address of the principal office of the facility owner (applicant).

Rowan Solar, LLC
1046 Wylie Street
Atlanta, Georgia 30316
Email: lauren@piedmontpe.com
Phone: 404-496-4100 ext 16

- ii. Applicant.

Rowan Solar is a Georgia limited liability company with its principal place of business in Atlanta, Georgia. The Articles of Incorporation were filed on February 10, 2015. Lauren E. Barnett, Organizer, is an individual duly authorized to act as a corporate agent for the purpose of this application. Rowan Solar LLC has not yet filed to do business in North Carolina. Correspondence, documents, and filings pursuant to this application should be sent as follows:

Rowan Solar, LLC
1046 Wylie Street
Atlanta, Georgia 30316
Email: lauren@piedmontpe.com
Phone: 404-496-4100 ext 16

- iii. Ownership of the site. If the owner is other than the applicant, state the applicant's interest in the site.

The site is owned by Fitzmark LLC. Parcel ID No. 408 019
The Owner plans to purchase the project or sell it to a third party.

Exhibit 2

- i. A color map or aerial photo showing the location of the generating facility site in relation to local highways, streets, rivers, streams, and other generally known local landmarks, with the proposed location of major equipment indicated on the map or photo. See attached maps.
- ii. The E911 Address is Furniture Road near Peeler Road in Salisbury, NC. Rowan County will provide a more precise address after the zoning process. The tax address for the property is 611 Peeler Road. 35° 36' 41.540", -80° 31' 50.955"

Exhibit 3

- i. The nature of the generating facility, including the type and source of its power or fuel.
The Facility will be a 1.99 MW AC photovoltaic (PV) array. The source of its power is solar energy.
- ii. A description of the buildings, structures and equipment comprising the generating facility and the manner of its operation;
The facility will consist of 8200, 305 watt photovoltaic (PV) modules. They will be affixed to ground-mounted racks, which will be supported by piles driven into the ground. The system will utilize a 2.2 MW inverter and a 2.0 MVA transformer.
- iii. The gross and net projected maximum dependable capacity of the facility as well as the facility's nameplate capacity, expressed as megawatts (alternating current)
Solar is an intermittent energy source and therefore, the maximum gross and dependable capacity is 0 MW. The nameplate of the facility is 1.99 MW AC.
- iv. The projected date on which the facility will come on line December 31, 2015
- v. 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
Electricity generated by the Facility will be sold to Duke Energy Carolina under a fifteen-year power purchase agreement pursuant to Schedule PP-N.
- vi. The service life of the equipment is expected to be a minimum of twenty years.
- vii. Any provisions for wheeling of the electricity None
- viii. Arrangements for firm, non-firm or emergency generation None
- ix. The service life of the project 20 years
- x. The projected annual sales in kilowatt-hours 3,550,749 kwh
- xi. Whether the applicant intends to produce renewable energy certificates that are eligible for compliance with the State's renewable energy and energy efficiency portfolio standard. Yes

Exhibit 4

(i) A complete list of all federal and state [not local] 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.

Rowan Solar will file for certification as a Qualifying Facility (QF) under the Federal Energy Regulatory Commission (FERC) Form 556. Currently Rowan Solar anticipates needing a soil erosion and control permit from the Department of Environmental and Natural Resources. Rowan Solar will file this and any additional state and/or federal licenses, permits, or exemptions obtain for the Facility once they are received. The Facility has no potable water needs.

(ii) 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.

Copies of the permits and licenses will be submitted as soon as they are obtained.

Exhibit 5

The expected cost of the proposed facility. \$4,371,700

VERIFICATION

STATE OF Georgia COUNTY OF Fulton

[Signature]
Signature of Owner's Representative or Agent

Managing Member
Title of Representative or Agent

LAUREN E. BARWEL
Typed or Printed Name of Representative or Agent

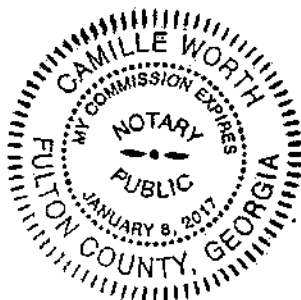
The above named person personally appeared before me this day and, being first duly sworn, says that the facts stated in the foregoing application and any exhibits, documents, and statements thereto attached are true as he or she believes.

WITNESS my hand and notarial seal, this 17 day of February, 2015.

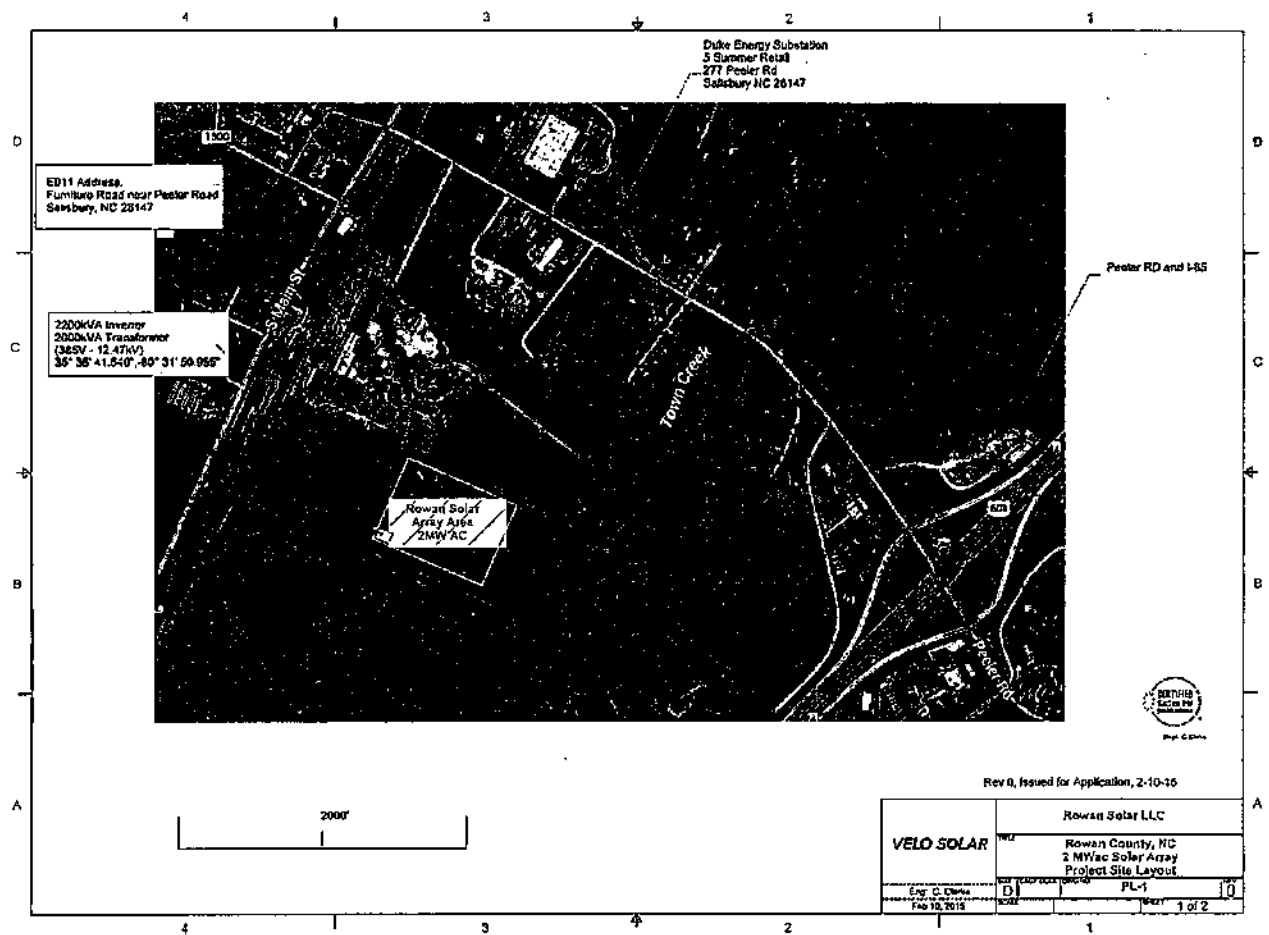
My Commission Expires: January 8, 2017

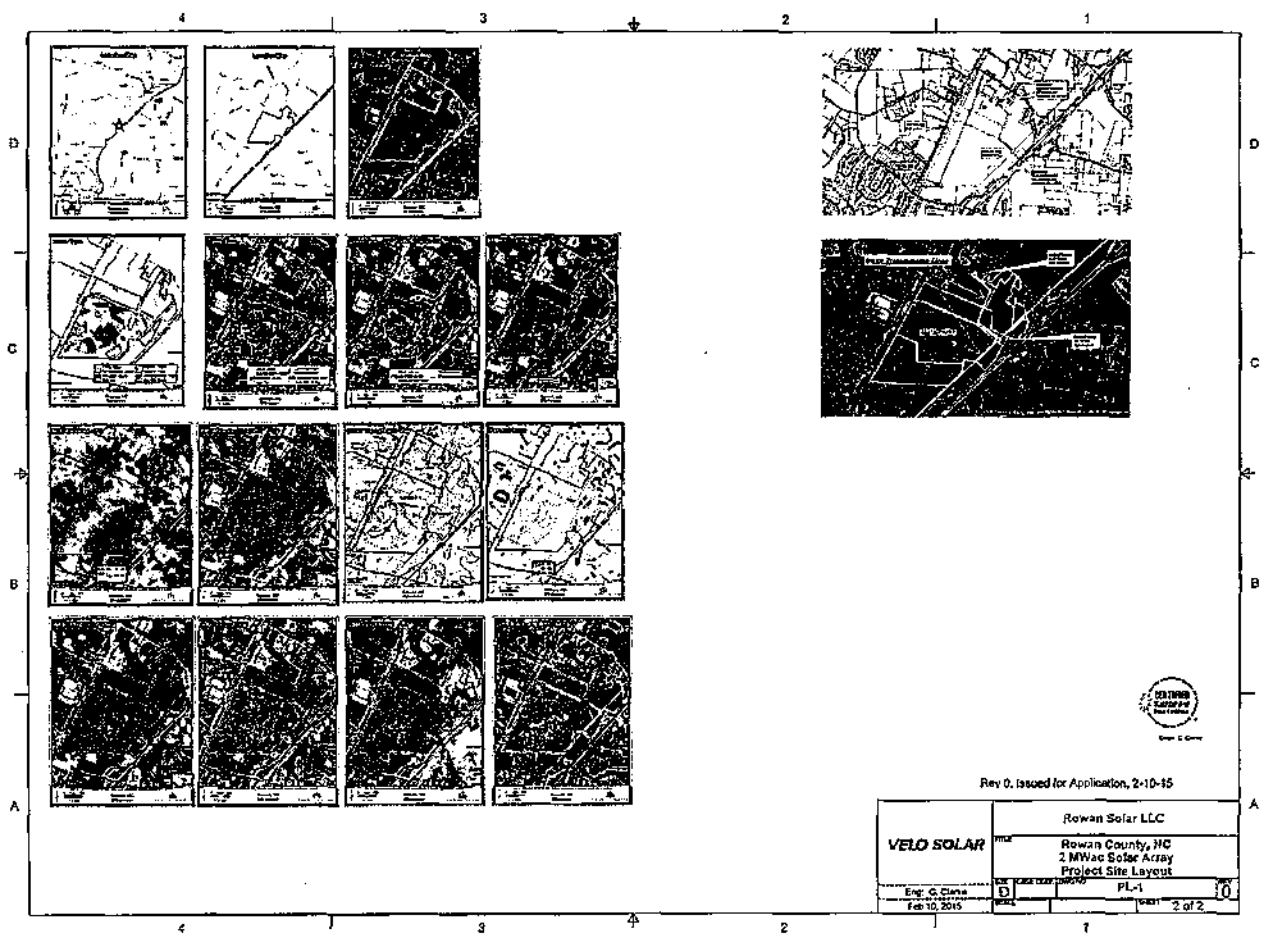
[Signature]
Signature of Notary Public

CAMILLE WORTH
Name of Notary Public - Typed or Printed



This original verification must be affixed to the original application, and a copy of this verification must be affixed to each of the copies that are also submitted to the Commission.





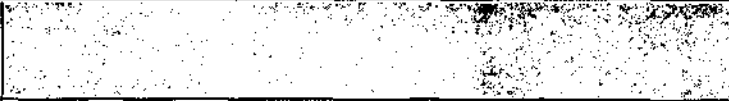
Note: Please complete the form, print it, have it signed, notarized, make 15 copies and send them to the Chief Clerk of the Commission. Be sure to print a copy for your records as you cannot save data onto the form, nor can you file it online. Be sure to attach additional information, such as maps, as 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: | Rowan Solar |
| Full and correct name of the owner of the facility: | Rowan Solar LLC |
| Business address: | 1046 Wylie Street Atlanta, Georgia 30316 |
| Electronic mailing address: | lauren@piedmontpe.com |
| Telephone number: | 404-496-4100 ext 16 |
| Owner's agent for purposes of this application, if applicable: | Lauren E Barnett |
| Agent's business address: | 1046 Wylie Street Atlanta, Georgia 30316 |
| Agent's electronic mailing address: | lauren@piedmontpe.com |
| Agent's telephone number: | 404-496-4100 ext 16 |
| The owner is: Rowan Solar 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>GA</u> Date <u>February 10, 2015</u> |

| | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>If a corporation that is incorporated outside of North Carolina, is it domesticated in North Carolina?</p> | <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 checked="" type="checkbox"/> No </div> </div> |
| <p>If a partnership, the name and business address of each general partner. (Add additional sheets if necessary.)</p> | |
| <p>Nature of the renewable energy facility:</p> | |
| <p>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> | <p>Solar PV</p> |
| <p>2. Whether it produces electricity, useful thermal energy, or both.</p> | <p>Electricity</p> |
| <p>3. Nameplate capacity in kW/MW (AC) and/or maximum Btu per hour for thermal facilities.</p> | <p>1.99 MW AC</p> |

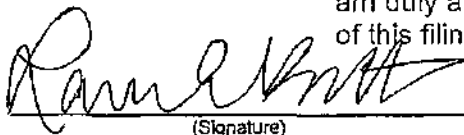
| | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <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>The E911 Address is Furniture Road near Peeler Road in Salisbury, NC. The tax address for the property is 611 Peeler Road. 35° 36' 41.540", -80° 31' 50.955"</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>Fitzmark LLC</p> |
| <p>2. What is the facility owner's legal interest in the site?</p> | <p>Site owner may purchase the facility or sell to a third party.</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>Qualifying Facility Certification (FERC)</p> |
| <p>2. State permits and licenses:</p> | <p>Soil Erosion and Control (NC-DENR)</p> |
| <p>3. Exemptions required for construction and operation of the facility:</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>Soil Erosion and Control permits have not be obtained at this time. The application for FERC has not been filed at this time.</p> |

| | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| If the facility has been placed into service, on what date did the facility begin operating? | |
| If the facility is not yet operating, on what date is the facility projected to be placed into service? | On or before 12/31/2015 |
| | |
| 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. | |
| What entity does (or will) read the facility's energy production meter(s) for the purpose of issuing renewable energy certificates? | Duke 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. | |
| 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> | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|

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)

Lauren Barnett

(Name - Printed or Typed)

Managing Member

(Title)

02/17/2015
 (Date)

VERIFICATION

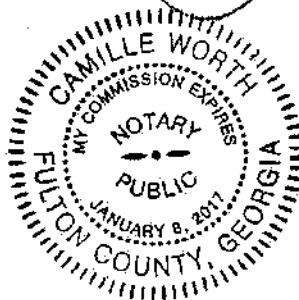
STATE OF Georgia COUNTY OF Fulton
Lauren E. Barnett, personally appeared before me this day and,
being first duly sworn, says that the facts stated in the foregoing application and any
exhibits, documents, and statements thereto attached are true as he or she believes.

WITNESS my hand and notarial seal, this 17 day of February, 2015.

My Commission Expires: January 8, 2017

Camille Worth
Signature of Notary Public

CAMILLE WORTH
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.