

# 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:   | Innovative Solar 35                                  |             |                        |
| Full and correct name of the owner of the facility:            | Innovative Solar 35, LLC                             |             |                        |
| Business address:  | 171 Rolling Meadows Rd. , Fletcher, NC, 28732        |             |                        |
| Electronic mailing address:                                    | <a href="mailto:rhgreen@aol.com">rhgreen@aol.com</a> |             |                        |
| Telephone number:  | (828) 215-9064                                       |             |                        |
|  |  |             |                        |
| Owner's agent for purposes of this application, if applicable: | Richard H. Green                                     |             |                        |
| Agent's business address:                                      | 91 Distant View Dr., Asheville, NC, 28803            |             |                        |
| Agent's electronic mailing address:                            | <a href="mailto:rhgreen@aol.com">rhgreen@aol.com</a> |             |                        |
| Agent's telephone number:                                      | (828) 777-0052                                       |             |                        |
|  |  |             |                        |
| The owner is:  | Individual   | Partnership | <u>Corporation/LLC</u> |
| If a corporation, state and date of incorporation.             | State  | NC          | _Date 9/17/2013        |

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|   |  |
| If a corporation that is incorporated outside of North Carolina, is it domesticated in North Carolina?  | Yes <input type="checkbox"/> N/A <input type="checkbox"/> No   |
| 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:  |  |
| 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 1.98MW AC solar photovoltaic ground mounted solar farm. There will be multiple ground mounted racks providing electricity to the power grid. |
| 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.   | 1.98MWac   |
| 4. The facility's projected dependable capacity in kW AC or Btu/hour.   | N/A  |

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| 5. The E911 address of the facility.                      | 161 L G Westbrook Ln, Albertson, NC, 28508 |
| 6. The county where the facility will be located.         | Duplin                                     |
| 7. GPS coordinates for the center of the facilities site. | N 35.047327, W 77.848872                   |

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| 8. 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.  | 161 L G Westbrook Ln, Albertson, NC, 28508<br>(see attached)   |
|   |  |
| Site ownership:   |  |
| 1. Is the site owner other than the facility owner? If yes, who is the site owner?  | Yes, the site owner is Nahunga Land Company, LLC   |
| 2. What is the facility owner's legal interest in the site?   | The facility owner will be ground leasing the property on a long-term lease  |
|   |  |
| List the federal and state 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. |  |
| 1. Federal permits and licenses:  | The owner has filed Form 556 as a Self-Certification notice as a QF to the FERC, QF15-578-000.                       |
| 2. State permits and licenses:  | No requirements: The facility is less than 2MW and is exempt from a Certificate of Public Convenience and Necessity. |
| 3. Exemptions required for construction and operation of the facility:  | N/A  |
| 4. Statement of whether each has been obtained or applied for (attach copy of those that have been obtained with this application):   | N/A  |
|   |  |

|   |  |
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| 1. If the facility has been placed into service, on what date did the facility begin operating?   | The facility has not yet been placed in service. |
| 2. If the facility is not yet operating, on what date is the facility projected to be placed into service?  | 12/1/2015  |
|   |  |
| 1. 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  |
| 2. What entity does (or will) read the facility's energy production meter(s) for the purpose of issuing renewable energy certificates?  | Duke Energy                                      |
| 3. 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  |
| 4. 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?   | No. NC-RETS                                      |

|   |               |
|---|---------------|
| 5. 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. | SP-5411 SUB 0 |
|---|---------------|

|  |  |
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| If the facility is a combined heat and power system, the owner shall also include in its registration statement the following information:   |  |
| 1. A narrative description and one-line diagram of the electrical and thermal generation systems to include Btu meters, boilers, steam pressures, valves, turbines, and ultimate uses of the steam. Also, include any crossover of steam, cross connections (even if by spool piece), or the ability to supply steam from other means or to other loads. |  |
| 2. A description of the parasitic electrical and parasitic thermal loads.  |  |
| 3. Calculations for the parasitic electrical and parasitic thermal loads and supporting documents.   |  |
| 4. A description of the method of collecting the waste heat from the electrical generating system.   |  |
| 5. A description of the host(s) of the waste heat and an explanation of how the waste heat will be used and useful.  |  |
| 6. Calculations of the percent of energy that is delivered to the steam host(s) but not used and useful.   |  |
| 7. Confirmation if the proposed operation will have any pressure reducing valves operating simultaneously in parallel with any back pressure turbines.   |  |

|  |  |
|--|--|
| If the facility owner intends to earn multiple types of RECs by using a variety of fuels, the owner should include in its registration statement the following additional information:   |  |
| 1. Example calculations for the energy production associated with each fuel used by the facility as required by the Appendix C (Multi-fuel Generation) to the operating procedures for the North Carolina Renewable Energy Tracking System. These calculations must ultimately show the electrical and thermal energy (if any) attributable to only the renewable fuels and how the number of renewable energy certificates is determined. |  |
| 2. A description of each fuel to be used by the facility.  |  |
| 3. A description of how the heat content of each fuel was determined.  |  |

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.

Richard H. Green  
 (Signature)

RICHARD H. GREEN  
 (Name - Printed or Typed)

MEMBER/MANAGER  
 (Title)

3/26/15  
 (Date)



VERIFICATIONSTATE OF NORTH CAROLINA COUNTY OF BurkeRICHARD H. GREEN, 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 26<sup>th</sup> day of March, 20 15.My Commission Expires: 6-13-2015  
Signature of Notary PublicTheresa Hyder D'Amore  
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.



~~EXHIBIT A~~ EXHIBIT A

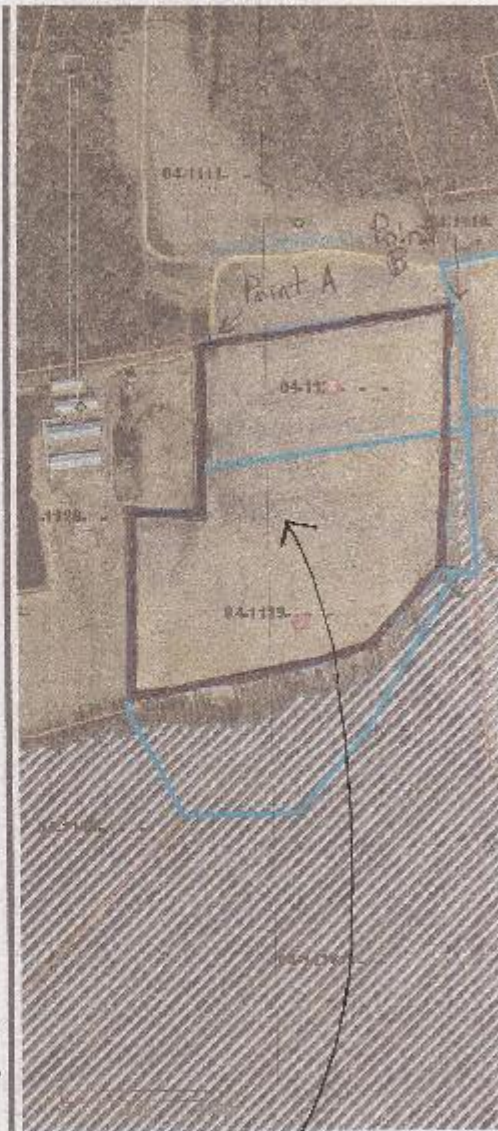
Duplin County Tax Administration Gail M. Ross, Assessor GIS Mapping Department

Search By Parcel Information | Search By Address | GIS Map Layers | Results | Help

Duplin County GIS Layers

- Highways
  - Four Lane
  - Interstate
  - Major County
  - NC Hwy
  - Road
  - US Hwy
- 911 Address
- Rail Roads
- Parcels
- Town Limits
- ETJ
- School Districts
- Election Districts
- Flood Zone unofficial
- Duplin County Boundary
- 2010\_Aerial\_Photo
- Red: Band\_1
- Green: Band\_2
- Blue: Band\_3

2012\_NAIP\_Aerial\_Photo\_Low Res



Approx 15-16 acres  
NATHAN LAND COMPANY, LLC  
Stan Draughon - MGR.  
Scanned 10/15/2013

PORTION OF PINE'S

344700447060  
344700437501

PHYSICAL LOCATION

195 L.G. WESTBROOK LANE  
ALBERTSON, NC 28508  
N 35° 02' 50.38"  
W 77° 50' 55.94"

PROPOSED SOLAR FARM

DUPLIN COUNTY, NC





© 2015 Google

Imagery Date: 10/22/2012

35°02'53.39\" N 77°50'52.88\" W elev 23 m eye alt 1.64 km

Google earth



FEDERAL ENERGY REGULATORY COMMISSION  
WASHINGTON, DC

OMB Control # 1902-0075  
Expiration 5/31/2013

# Form 556

Certification of Qualifying Facility (QF) Status for a Small Power  
Production or Cogeneration Facility

OFFICIAL COPY

Mar 27 2015

Application Information

**1a** Full name of applicant (legal entity on whose behalf qualifying facility status is sought for this facility)  
Innovative Solar 35, LLC

**1b** Applicant street address  
171 Rolling Meadows Road

**1c** City  
Fletcher

**1d** State/province  
NC

**1e** Postal code  
28732

**1f** Country (if not United States)

**1g** Telephone number  
828-777-0052

**1h** Has the instant facility ever previously been certified as a QF? Yes ☐ No ☒

**1i** If yes, provide the docket number of the last known QF filing pertaining to this facility: QF - -

**1j** Under which certification process is the applicant making this filing?

☒ Notice of self-certification  
(see note below)

☐ Application for Commission certification (requires filing  
fee; see "Filing Fee" section on page 3)

Note: a notice of self-certification is a notice by the applicant itself that its facility complies with the requirements for QF status. A notice of self-certification does not establish a proceeding, and the Commission does not review a notice of self-certification to verify compliance. See the "What to Expect From the Commission After You File" section on page 3 for more information.

**1k** What type(s) of QF status is the applicant seeking for its facility? (check all that apply)

☒ Qualifying small power production facility status ☐ Qualifying cogeneration facility status

**1l** What is the purpose and expected effective date(s) of this filing?

☒ Original certification; facility expected to be installed by 12/1/15 and to begin operation on 12/31/15

☐ Change(s) to a previously certified facility to be effective on \_\_\_\_\_  
(identify type(s) of change(s) below, and describe change(s) in the Miscellaneous section starting on page 19)

☐ Name change and/or other administrative change(s)

☐ Change in ownership

☐ Change(s) affecting plant equipment, fuel use, power production capacity and/or cogeneration thermal output

☐ Supplement or correction to a previous filing submitted on \_\_\_\_\_  
(describe the supplement or correction in the Miscellaneous section starting on page 19)

**1m** If any of the following three statements is true, check the box(es) that describe your situation and complete the form to the extent possible, explaining any special circumstances in the Miscellaneous section starting on page 19.

☐ The instant facility complies with the Commission's QF requirements by virtue of a waiver of certain regulations previously granted by the Commission in an order dated \_\_\_\_\_ (specify any other relevant waiver orders in the Miscellaneous section starting on page 19)

☐ The instant facility would comply with the Commission's QF requirements if a petition for waiver submitted concurrently with this application is granted

☐ The instant facility complies with the Commission's regulations, but has special circumstances, such as the employment of unique or innovative technologies not contemplated by the structure of this form, that make the demonstration of compliance via this form difficult or impossible (describe in Misc. section starting on p. 19)

|                                      |   |  |  |  |
|--------------------------------------|---|--|--|--|
| Contact Information                  | <b>2a</b> Name of contact person<br>Richard H. Green  |  | <b>2b</b> Telephone number<br>828-777-0052 |  |
|                                      | <b>2c</b> Which of the following describes the contact person's relationship to the applicant? (check one)<br><input type="checkbox"/> Applicant (self) <input checked="" type="checkbox"/> Employee, owner or partner of applicant authorized to represent the applicant<br><input type="checkbox"/> Employee of a company affiliated with the applicant authorized to represent the applicant on this matter<br><input type="checkbox"/> Lawyer, consultant, or other representative authorized to represent the applicant on this matter   |  |  |  |
|                                      | <b>2d</b> Company or organization name (if applicant is an individual, check here and skip to line 2e) <input type="checkbox"/><br>Innovative Solar 35, LLC   |  |  |  |
|                                      | <b>2e</b> Street address (if same as Applicant, check here and skip to line 3a) <input checked="" type="checkbox"/>   |  |  |  |
|                                      | <b>2f</b> City  |  | <b>2g</b> State/province                   |  |
|                                      | <b>2h</b> Postal code   |  | <b>2i</b> Country (if not United States)   |  |
| Facility Identification and Location | <b>3a</b> Facility name<br>Innovative Solar 35  |  |  |  |
|                                      | <b>3b</b> Street address (if a street address does not exist for the facility, check here and skip to line 3c) <input type="checkbox"/><br>195 L.G. Westbrook Lane  |  |  |  |
|                                      | <b>3c</b> Geographic coordinates: If you indicated that no street address exists for your facility by checking the box in line 3b, then you must specify the latitude and longitude coordinates of the facility in degrees (to three decimal places). Use the following formula to convert to decimal degrees from degrees, minutes and seconds: decimal degrees = degrees + (minutes/60) + (seconds/3600). See the "Geographic Coordinates" section on page 4 for help. If you provided a street address for your facility in line 3b, then specifying the geographic coordinates below is optional.<br><br>Longitude <input type="checkbox"/> East (+) _____ 77.848 degrees      Latitude <input checked="" type="checkbox"/> North (+) _____ 35.047 degrees<br><input checked="" type="checkbox"/> West (-) _____ <input type="checkbox"/> South (-) _____ |  |  |  |
|                                      | <b>3d</b> City (if unincorporated, check here and enter nearest city) <input type="checkbox"/><br>Albertson   |  | <b>3e</b> State/province<br>NC             |  |
|                                      | <b>3f</b> County (or check here for independent city) <input type="checkbox"/><br>Duplin  |  | <b>3g</b> Country (if not United States)   |  |
|                                      |   |  |  |  |
| Transacting Utilities                | Identify the electric utilities that are contemplated to transact with the facility.  |  |  |  |
|                                      | <b>4a</b> Identify utility interconnecting with the facility<br>Duke Energy   |  |  |  |
|                                      | <b>4b</b> Identify utilities providing wheeling service or check here if none <input checked="" type="checkbox"/>   |  |  |  |
|                                      | <b>4c</b> Identify utilities purchasing the useful electric power output or check here if none <input type="checkbox"/><br>Duke Energy  |  |  |  |
|                                      | <b>4d</b> Identify utilities providing supplementary power, backup power, maintenance power, and/or interruptible power service or check here if none <input checked="" type="checkbox"/>   |  |  |  |