

North Carolina Utilities Commission**Report of Proposed Construction (RPC)**

[Building an electric generating facility in North Carolina with an alternating current capacity of less than 2 MW or an electric generating facility primarily for your own use per Commission Rule R8-65 and R8-64(b) (1) through (5)]

You may file this report electronically; please see www.ncuc.net for instructions. If you file a paper version, you must file the original plus 6 copies. The mailing address is:

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

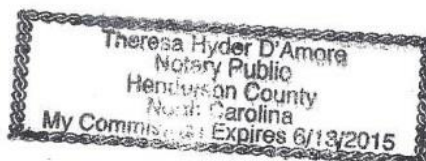
Exhibits required by Rule R8-64(b)		Applicant's Response
(1)(i)	Full and correct name of the owner of the facility	Innovative Solar 35, LLC
	Facility name	Innovative Solar 35
	Business address	171 Rolling Meadows Rd., Fletcher, NC, 28732
	E-mail address	rhgreen@aol.com
	Telephone number	(828) 215-9064
(ii)	The owner is (check one)	Individual Partnership Corporation
	If a partnership, the name and business address of each general partner	N/A
	If a corporation, the state and date of incorporation	NC, 9/17/2013
	If a partnership, the name and address of each general partner (add additional sheets if necessary)	N/A
	Owner's agent for purposes of this report, if applicable:	Richard Green
	Agent's business address	91 Distant View Dr., Asheville, NC, 28803
	Agent's e-mail address	rhgreen@aol.com
	Agent's telephone number	(828) 777-0052
(iii)	The full and correct name of the site owner and, if the site owner is other than the applicant, the applicant's legal interest in the site	Nahunga Land Company, LLC The applicant has a long term lease on the property.

(2)(i)	Attach 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, including: the generator, fuel handling equipment, plant distribution system, startup equipment, the site boundary, planned and existing pipelines, planned and existing roads, planned and existing water supplies, and planned and existing electric facilities;. A U.S. Geological Survey map or an aerial photo map prepared via the State's geographic information system (found at www.gis.ncdcr.gov/hpweb/) is preferred.	
(ii)	E911 street address of the proposed facility	161 L G Westbrook Ln, Albertson, NC, 28508
	County in which the proposed facility will be physically located	Duplin
	GPS coordinates of the approximate center of the proposed facility site to the nearest second or one thousandth of a degree	N 35.047327, W 77.848872
(3)(i)	The nature of the facility, including its technology, and the source of its power and fuel(s)	Photovoltaic Modules, Solar Energy
(ii)	A description of the buildings, structures and equipment comprising the generating facility and the manner of its operation	The PV solar system will be ground mounted. This system will be grid-tied and does not have a battery backup.
(iii)	The gross and net projected maximum dependable capacity of the facility in megawatts – Alternating Current	Solar is an intermittent energy source and therefore the maximum dependable capacity is less than 1MW.
	The facility's nameplate capacity in megawatts – Alternating Current	1.98MWac
(iv)	The projected date on which the facility will come on line	12/1/2015
(v)	The applicant's general plan for sale of the electricity to be generated, including the name of utility to which the applicant plans to sell the electricity	The applicant plans to sell the electricity to Duke Energy, Inc. under their Purchased Power Schedule. In addition, the applicant plans to sell the Solar Renewable Energy Credits to Duke Energy or others in accordance with the State's standards.
(vi)	Any provisions for wheeling of the electricity, if applicable	

(vii)	Arrangements for firm, non-firm, or emergency generation, if applicable	N/A
(viii)	The service life of the project	25 years
(ix)	The projected annual sales in kilowatt-hours	4,110MWh
(x)	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 <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
(4)(i)	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	The facility has a net power production capacity more than 1MW and has filed Form 556 for Self-Certification as a Qualifying Facility with the Federal Energy Regulatory Commission, QF15-578-000. In addition, the facility is less than 2 MW and is exempt from a Certificate of Public Convenience and Necessity from the NC Utilities Commission.
(ii)	Attach a copy of those licenses, permits and exemptions that have been obtained; a copy of those that have not been obtained at the time of the report should be filed with the Commission as soon as they are obtained	
(5)	The expected cost of the proposed facility	\$5,000,000.00
Confidentiality If an applicant considers certain of the required information above to be confidential and entitled to protection from public disclosure, it may designate said information as confidential and file it under seal. Documents marked as confidential will be treated pursuant to applicable Commission rules, procedures, and orders dealing with filings made under seal and with nondisclosure agreements.		
All reports shall be signed and verified (notarized) by the applicant or by an individual duly authorized to act on behalf of the applicant for the purpose of the report. A blank verification page is attached below:		

VERIFICATIONSTATE OF NORTH CAROLINA COUNTY OF RowanRichard H. Green
Signature of Owner's Representative or AgentMEMBER/MANAGER
Title of Representative or AgentRICHARD H. GREEN
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 report and any exhibits, documents, and statements thereto attached are true as he or she believes.

WITNESS my hand and notarial seal, this 26th day of MARCH, 2015.My Commission Expires: 6-13-2015Theresa Hyder D'Amore
Signature of Notary PublicTheresa Hyder D'Amore
Name of Notary Public - Typed or Printed

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

~~EXHIBIT A~~ EXHIBIT A

Duplin County Tax Administration Gary M. Rose, 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

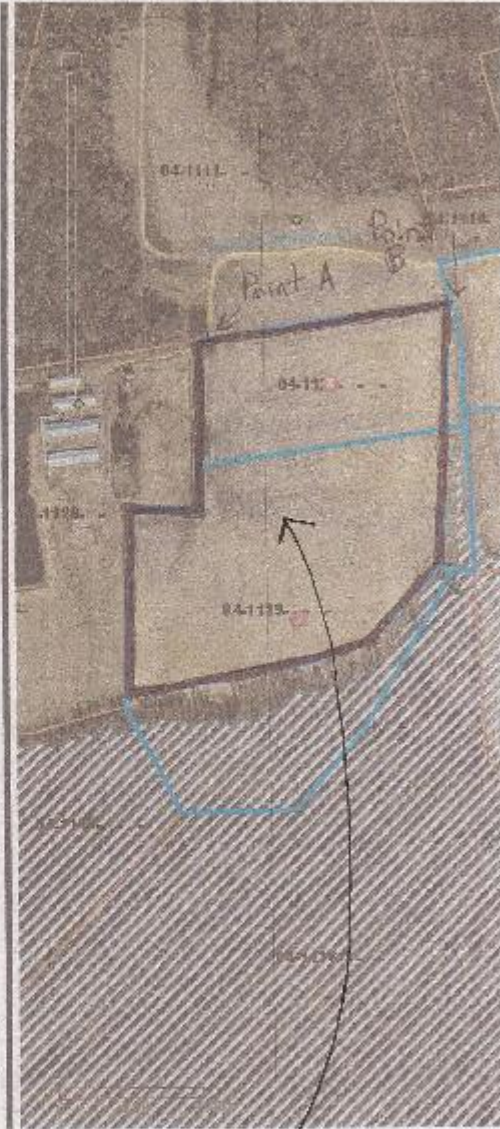
2010 Aerial Photo

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

A 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

35° 2'45.91"N, 77°50'53.35"W

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 <input type="checkbox"/> No <input checked="" type="checkbox"/>		
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? <input checked="" type="checkbox"/> Notice of self-certification (see note below) <input type="checkbox"/> 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) <input checked="" type="checkbox"/> Qualifying small power production facility status <input type="checkbox"/> Qualifying cogeneration facility status		
1l What is the purpose and expected effective date(s) of this filing? <input checked="" type="checkbox"/> Original certification; facility expected to be installed by <u>12/1/15</u> and to begin operation on <u>12/31/15</u> <input type="checkbox"/> 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) <input type="checkbox"/> Name change and/or other administrative change(s) <input type="checkbox"/> Change in ownership <input type="checkbox"/> Change(s) affecting plant equipment, fuel use, power production capacity and/or cogeneration thermal output <input type="checkbox"/> 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. <input type="checkbox"/> 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) <input type="checkbox"/> The instant facility would comply with the Commission's QF requirements if a petition for waiver submitted concurrently with this application is granted <input type="checkbox"/> 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)		

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Contact Information	2a Name of contact person Richard H. Green		2b Telephone number 828-777-0052	
	2c Which of the following describes the contact person's relationship to the applicant? (check one) <input type="checkbox"/> Applicant (self) <input checked="" type="checkbox"/> Employee, owner or partner of applicant authorized to represent the applicant <input type="checkbox"/> Employee of a company affiliated with the applicant authorized to represent the applicant on this matter <input type="checkbox"/> Lawyer, consultant, or other representative authorized to represent the applicant on this matter			
	2d Company or organization name (if applicant is an individual, check here and skip to line 2e) <input type="checkbox"/> Innovative Solar 35, LLC			
	2e Street address (if same as Applicant, check here and skip to line 3a) <input checked="" type="checkbox"/>			
	2f City		2g State/province	
	2h Postal code		2i Country (if not United States)	
Facility Identification and Location	3a Facility name Innovative Solar 35			
	3b Street address (if a street address does not exist for the facility, check here and skip to line 3c) <input type="checkbox"/> 195 L.G. Westbrook Lane			
	3c 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. Longitude <input type="checkbox"/> East (+) <u>77.848</u> degrees Latitude <input checked="" type="checkbox"/> North (+) <u>35.047</u> degrees <input checked="" type="checkbox"/> West (-)			
	3d City (if unincorporated, check here and enter nearest city) <input type="checkbox"/> Albertson		3e State/province NC	
	3f County (or check here for independent city) <input type="checkbox"/> Duplin		3g Country (if not United States)	
Transacting Utilities	Identify the electric utilities that are contemplated to transact with the facility.			
	4a Identify utility interconnecting with the facility Duke Energy			
	4b Identify utilities providing wheeling service or check here if none <input checked="" type="checkbox"/>			
	4c Identify utilities purchasing the useful electric power output or check here if none <input type="checkbox"/> Duke Energy			
	4d Identify utilities providing supplementary power, backup power, maintenance power, and/or interruptible power service or check here if none <input checked="" type="checkbox"/>			

