

STATE OF NORTH CAROLINA
UTILITIES COMMISSION
RALEIGH

DOCKET NO. SP-8115, SUB 0

OFFICIAL COPY

JUL 07 2016

In the Matter of the Application of Sun
Farm X, LLC For a Certificate of Public
Convenience and Necessity

VERIFICATION

I, Heath McLaughlin, an Authorized Representative for Sun Farm X, LLC ("the applicant"), verify that the contents of the application for a Certificate of Public Convenience and Necessity filed in this docket are true to the best of my knowledge. I am duly authorized to act on behalf of the applicant Sun Farm X, LLC for the purpose of the application submitted hereto.



By: Heath McLaughlin
Its: Authorized Representative

STATE OF FLORIDA
COUNTY OF SEMINOLE

Heath McLaughlin, 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 believes.

WITNESS my hand and notarial seal, this 6th day of July, 2016.



Steven Gardner
State of Florida
My Commission Expires 01/26/2018
Commission No. FF 86299

My Commission Expires: 01-26-2018



Signature of Notary Public



Name of Notary Public

North Carolina Utilities Commission

Application for a Certificate of Public Convenience and Necessity – Rule R8-64

This form is applicable to applications for a CPCN filed by a person seeking the benefits of 16 U.S.C. 624-3 or G.S. 62-156 as a qualifying co-generator or a qualifying small power producer as defined in 16 U.S.C. 796(17) and (18) or as a small power producer as defined in G.S. 62-3(27a), except persons exempt from certification pursuant to G.S. 62-110.1(g).

You may file this application electronically; please see www.ncuc.net/electronicfiling.html for instructions. If you file a paper version, you must file the original plus 12 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	SUN FARM X, LLC
	Facility name	SUN FARM X, LLC
	Business address	176 MINE LAKE COURT, STE 100, RALEIGH NC 27615
	E-mail address	Info@Blue-GreenEnergy.com
	Telephone number	(888) 746-5558
(ii)	The owner is (check one)	<input type="checkbox"/> Individual <input type="checkbox"/> Partnership <input checked="" type="checkbox"/> Corporation
		<input checked="" type="checkbox"/> Limited Liability Company
	If a corporation, the state and date of incorporation	NC LLC Articles of Organization filed: 05/23/2016
	If a partnership, the name and address of each general partner (add additional sheets if necessary)	
	Owner's agent for purposes of this application, if applicable:	Heath McLaughlin
	Agent's business address	176 Mine Lake Court, Suite #100, Raleigh NC 27615
	Agent's e-mail address	Heath@Blue-GreenEnergy.com
	Agent's telephone number	(321) 202-3600
(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	Ralph & Cynthia Davis Applicant has a lease / purchase option interest in the site

(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 http://gis.ncdcr.gov/hpoweb/) is preferred.	
(ii)	E911 street address of the proposed facility	E911 TBD - Ocean Hwy S., Edenton, NC 27932
	County in which the proposed facility will be physically located	Perquimans County
	GPS coordinates of the approximate center of the proposed facility site to the nearest second or one thousandth of a degree	36°06'45.77" N 76°31'41.00" W
(3)(i)	The nature of the facility, including its technology, and the source of its power and fuel(s)	4.5 MW(AC) Solar Photovoltaic Power Generation Facility Source of power for the solar photovoltaic power generation facility is the sun.
(ii)	A description of the buildings, structures and equipment comprising the generating facility and the manner of its operation	Facility to be constructed with ground-mounted racking and approximately 19,250 solar modules generating DC current into combiner boxes and (2) 2.2 MW inverters for power conversion to DC power with voltage step up transformers to deliver DC power for distribution into the electric grid
(iii)	The gross and net projected maximum dependable capacity of the facility in megawatts – Alternating Current	Collectively the facility's gross maximum dependable capacity will be 4.5 MW (AC) with net projected 4.4 MW (AC) and a maximum dependable capacity of 0 MW (AC) due to the intermittent nature of solar power production.
	The facility's nameplate capacity in megawatts – Alternating Current	4.5 MW Alternating Current (AC)
(iv)	The projected date on which the facility will come on line	10/15/2017
(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	Applicant's general plan is to sell to the electricity generated to Virginia Electric and Power Company (d/b/a DNCP) in accordance with its standard offer Power Purchase Agreement.
(vi)	Any provisions for wheeling of the electricity, if applicable	No provisions for wheeling electricity
(vii)	Arrangements for firm, non-firm, or emergency generation, if applicable	No arrangements for firm, non-firm or emergency generation have been made at this time.

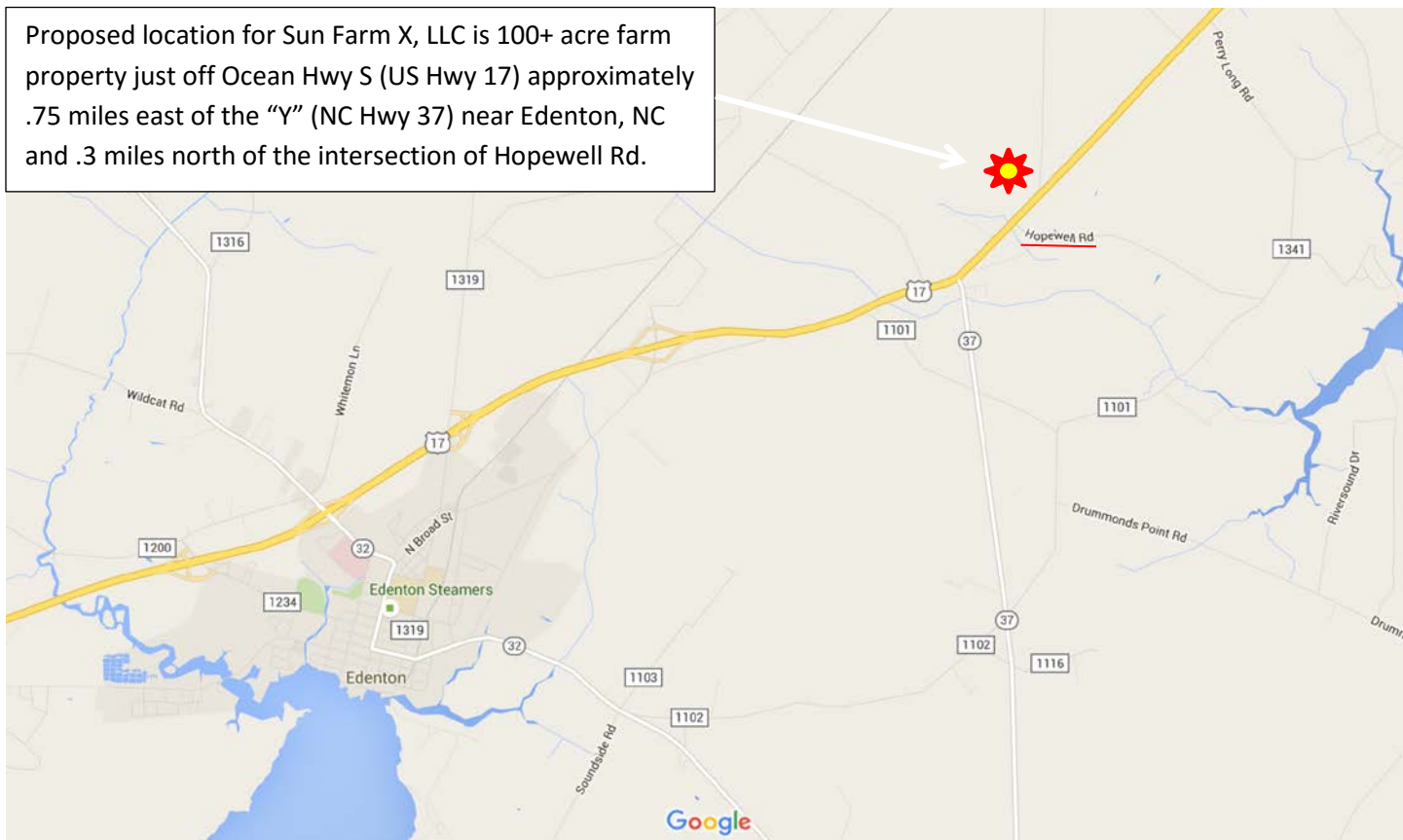
(viii)	The service life of the project	Service life is expected to be a minimum of 20 years
(ix)	The projected annual sales in kilowatt-hours	10,000,000
(x)	<p>Whether the applicant intends to produce renewable energy certificates that are eligible for compliance with the State's renewable energy and energy efficiency portfolio standard</p> <p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>	
(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	All required federal and state licenses, permits, and exemptions will be applied for and obtained as necessary by Applicant (e.g. NC DOT driveway permit, CUP, DNCP IA, FERC FORM 556, CPCN Order, SWEC permit, and etc...). Request for interconnection was filed with DNCP and Applicant will file FERC Form 556 for self certification upon receipt of CPCN Order.
(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 application should be filed with the Commission as soon as they are obtained	
(5)	The expected cost of the proposed facility	\$ \$ 11,000,000.00
<p>(6) An applicant who desires to enter into a contract for a term of 5 years or more for the sale of electricity, and whose facility will have a projected dependable nameplate capacity of 5 megawatts alternating current or more, and whose facility is not a solar photovoltaic facility, available for such sale shall include in the application the following information as described in R8-64(b)(6)(i), (ii), and (iii) below, except that an applicant who desires to enter into a contract of 5 years or more for the sale of electricity from a solar photovoltaic facility of 25 megawatts alternating current or more shall also include the information below:</p>		
(i)a	A statement detailing the experience and expertise of the persons who will develop, design, construct, and operate the project to the extent such persons are known at the time of the application	
b	Information specifically identifying the extent to which any regulated utility will be involved in the actual operation of the project	
c	A statement obtained by the applicant from the electric utility to which the applicant plans to sell the electricity to be generated setting forth an assessment of the impact of such purchased power on the utility's capacity, reserves, generation mix, capacity expansion plan, and avoided costs	
(ii)a	The most current available balance sheet of the applicant	
b	The most current available income statement of the applicant	
c	An economic feasibility study of the project	
d	A statement of the actual financing arrangements entered into in connection with the project to the extent known at the time of the application	
(iii)a	A detailed explanation of the anticipated kilowatt and kilowatt-hour outputs, on-peak and off-peak, for each month of the year. The explanation shall include a statement of the specific on-peak and off-peak hours underlying the applicant's quantification of anticipated kilowatt and kilowatt-hour outputs	

b	A detailed explanation of all energy inputs and outputs, of whatever form, for the project, including the amount of energy and the form of energy to be sold to each purchaser
c	A detailed explanation of arrangements for fuel supply, including the length of time covered by the arrangements, to the extent known at the time of the application
<p>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.</p>	
<p>Please read the "After You File" instructions on the last page of this document.</p>	
<p>All applications 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 application. A blank verification page is attached below:</p>	



SUN FARM X, LLC – 4.5 MW(ac) Solar Farm

Proposed location for Sun Farm X, LLC is 100+ acre farm property just off Ocean Hwy S (US Hwy 17) approximately .75 miles east of the “Y” (NC Hwy 37) near Edenton, NC and .3 miles north of the intersection of Hopewell Rd.



VERIFICATION

STATE OF FLORIDA COUNTY OF SEMINOLE

Heath McLaughlin
Signature of Owner's Representative or Agent

Authorized Representative
Title of Representative or Agent

Heath McLaughlin
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 6 day of July, 2016.

My Commission Expires: 01-26-2018

Notary Seal
Signature of Notary Public

Steven Gardner
Name of Notary Public – Typed or Printed



Steven Gardner
State of Florida
My Commission Expires 01/26/2018
Commission No. FF 86299

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.