

STATE OF NORTH CAROLINA
UTILITIES COMMISSION
RALEIGH

DOCKET NO. SP-7726, SUB 0

BEFORE THE NORTH CAROLINA UTILITIES COMMISSION

In the Matter of the Application of)	APPLICATION FOR A
Gladstone 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

Gladstone Farm, LLC ("Gladstone" or the "Applicant"), through counsel, 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 5.0-megawatt ("MW") (alternating current) solar facility (the "Facility") to be located in Moore 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, Gladstone provides the Commission the attached five exhibits in compliance with Rule R8-64.

REGISTRATION AS A NEW RENEWABLE ENERGY FACILITY

In support of its registration as a new Renewable Energy Facility pursuant to R8-66, Gladstone states the following:

1. The Applicant incorporates by reference the Application for a Certificate of Public Convenience and Necessity, including the exhibits to the Application.

2. Duke Energy Progress will read the energy production meter for the purpose of REC issuance.

3. The Applicant anticipates participating in the North Carolina Renewable Energy Tracking System.

4. The Applicant certifies that it is in substantial compliance with all federal and state laws, regulations and rules for the protection of the environment and conservation of natural resources.

5. The Applicant certifies that the Facility satisfies the requirements of G.S. § 62-133.8(a)(5) as a new renewable energy facility and will continue to be operated as a new renewable energy facility.

6. The Applicant certifies that 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 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.

7. The Applicant certifies that it consents to the auditing of its books and records by the Public Staff in so far as those records relate to transactions

with North Carolina electric power suppliers and agrees to provide the Public Staff and the Commission access to those books and records, wherever they are located, and access to the Facility.

WHEREFORE, Gladstone 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 5.0-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 22nd day of March, 2016

By: 

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Attorneys for Gladstone Farm, LLC

**Gladstone Farm, LLC
Application Exhibit 1**

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

Gladstone Farm, LLC
50101 Governors Drive, Suite 280
Chapel Hill, NC 27517
919.960.6015

The electronic mailing address for purposes of this filing is
jnaftel@stratasolar.com.

- ii. Gladstone Farm, LLC is a North Carolina limited liability company that was formed March 14, 2016. Jackson Naftel is duly authorized to act as a corporate agent for the purposes of this application. Correspondence, documents, and filings regarding this application should be sent as follows. The Applicant and counsel consent to electronic service of filings related to this application.

Jackson Naftel
Strata Solar, LLC
50101 Governors Drive, Suite 280
Chapel Hill, NC 27517
919.960.6015
jnaftel@stratasolar.com

with copies to:

Katherine E. Ross
Parker Poe Adams & Bernstein LLP
301 Fayetteville Street, Suite 1400
Raleigh, North Carolina 27601
katherineross@parkerpoe.com

- iii. Gladstone Farm, LLC will be the owner of the Facility and has entered into a lease with Richard W. Wilson and Joann Wilson, the current owners of the site.



**Gladstone 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. The facility is located on the east side of Hoffman Road (also known as State Road 1004), north of the intersection with Meredith Lane, in West End, NC, Moore County. The GPS coordinates of the facility are: 35.213, -79.554.

Gladstone Farm, LLC



Legend

-  Site array
-  Site outline



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DESCRIPTION	
PRELIMINARY SITE PLAN	
DATE	SCALE
2/24/2016	NOT TO SCALE

**Gladstone Farm, LLC
Application Exhibit 3**

- i. The Facility will be a 5.0-MW_{AC} photovoltaic ("PV") array. The source of its power is solar energy.
- ii. The Facility will consist of approximately seventy thousand (70,000) 100Wp PV modules (or equivalent) affixed to ground mounted racks supported on driven piles. The Facility will utilize approximately six (6) 800kW 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 4.975-MW_{AC}. Solar is an intermittent energy source, and therefore, the maximum dependable capacity is 0 MW. The Facility will be designed to a nameplate capacity of 5.0-MW_{AC}.
- iv. The Facility is projected to come online in March, 2017.
- v. Electricity generated by the Facility will be sold to Duke Energy Progress under a 15 year power purchase agreement.
- vi. There are no provisions for wheeling of the electricity generated.
- vii. No arrangements for firm, non-firm or emergency generation have been made at this time.
- viii. The service life of the equipment is expected to be a minimum of twenty years.
- ix. The projected annual sales of the Facility are 9,000,000 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.

**Gladstone 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.

**Gladstone Farm, LLC
Application Exhibit 5**

The projected cost of the Facility is fourteen million dollars (\$14,000,000).

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Gladstone Farm, LLC for a Certificate)	
of Public Convenience as a New)	VERIFICATION
Renewable Energy Facility)	

I, Jackson Naftel, being duly sworn, do hereby declare that I am duly authorized to act on behalf of the Applicant, that I am familiar with the facts, have read the foregoing Application, and the matters and statements contained therein are true to the best of my personal knowledge.

This 22 day of March, 2016.


 Jackson Naftel
 Strata Solar, LLC

Sworn and subscribed to before me this 22nd day of March, 2016.


 Notary Public [Signature of Notary Public]

[Notary Seal]

CHELSEA WOODFIN
 Notary Public
 North Carolina
 Orange County

Chelsea Woodfin
 Name of Notary Public [typewritten or printed]

My Commission expires 5/31/2020