

SP-5273, Sub 0

BY ELECTRONIC SUBMISSION

March 27, 2015

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

Re: Docket No. SP- 5273, Sub 0
Pecan Solar, LLC – Application for a Certificate of Public Convenience and Necessity

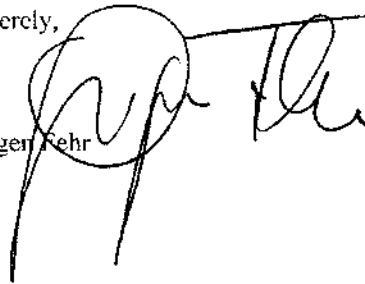
Dear Clerk Mount:

Enclosed for Pecan Solar LLC's Application for a Certificate of Public Convenience and Necessity. Application Exhibits 5, 7(i), 7(ii), 7(iii), and 8(i) are marked confidential and are submitted under seal because these documents contain propriety and confidential information pursuant to N.C. Gen. Stat. § 132-1.2.

Thank you for your assistance.

Sincerely,

Juergen Fehr

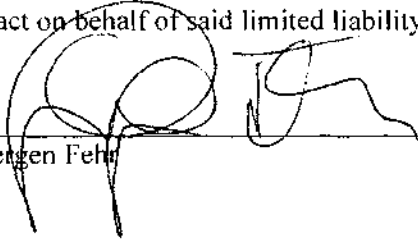
A handwritten signature in black ink, appearing to read 'J. Fehr', written over a horizontal line.

Enclosure

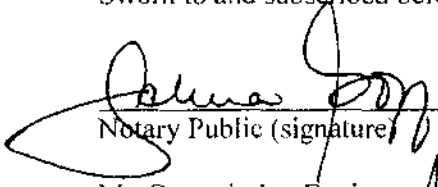
BEFORE THE NORTH CAROLINA UTILITIES COMMISSION

In the Matter of Application of)
Pecan Solar, LLC for a)
Certificate of Convenience and Public) VERIFICATION
Necessity)

I, Juergen Fehr, Manager of Pecan Solar, LLC, a North Carolina limited liability company, verify that the contents of this Application for a Certificate of Public Necessity and Convenience filed in this docket are true to the best of my knowledge. I am duly authorized to act on behalf of said limited liability company.

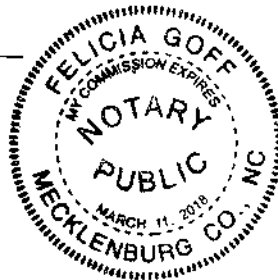

Juergen Fehr

Sworn to and subscribed before me, this the 27 day of March, 2015.


Notary Public (signature)

Felicia Goff
(Typed/ Printed Name)

My Commission Expires: March 11, 2018



**State of North Carolina
Utilities Commission
Raleigh**

Docket No. SP- 5273, Sub 0

Before the North Carolina Utilities Commission

**In the Matter of Application of)
Pecan Solar LLC For a)
Certificate of Public Convenience)
and Necessity)**

**APPLICATION FOR A CERTIFICATE OF
PUBLIC CONVENIENCE AND
NECESSITY**

Pecan Solar LLC ("Pecan" or the "Applicant") hereby applies to the North Carolina Utilities Commission (the "Commission") pursuant to G.S. §110.1 and Commission Rule R8-64 for a Certificate of Public Convenience and Necessity authorizing the construction of a 74.9 - megawatt ("MW") solar facility (the "Facility") to be located in Northampton County.

In support of its application, Pecan Solar LLC provides the Commission the attached eight exhibits in compliance with Rule R8-64.

Pecan Solar LLC
Application Exhibit 1

are: (i) The Applicant's full and correct name, business address and business telephone numbers

Pecan Solar LLC
7804 - C Fairview Road #257
Charlotte, NC 28226

e-mail: interconnection@geenexsolar.com
Phone: (704) 907-7163

(ii) Pecan Solar LLC is a North Carolina limited liability company with its principal place of business in Charlotte, North Carolina. The Articles of Incorporation were filed on October 17, 2013. The facility owner, applicant and Juergen Fehr, an individual duly authorized to act as corporate agent for the purpose of the application have the same address, telephone number, and electronic mailing address.

(iii) The Facility will be a 74.9 MW AC photovoltaic (PV) array. The source of its power is solar energy.

(iv) Site Owner. The Facility will be located on a minimum of four parcels.

Applicant has executed the following leases:

1. Mason Rodwell Howell III
2. Michael H. Wray and Philip L. Moncure
3. Michael H. Wray, Kay W. Wray, David M. Dunlow and Debra B. Dunlow

Applicant has executed an option to purchase property from Flythe Land Holdings, LLC

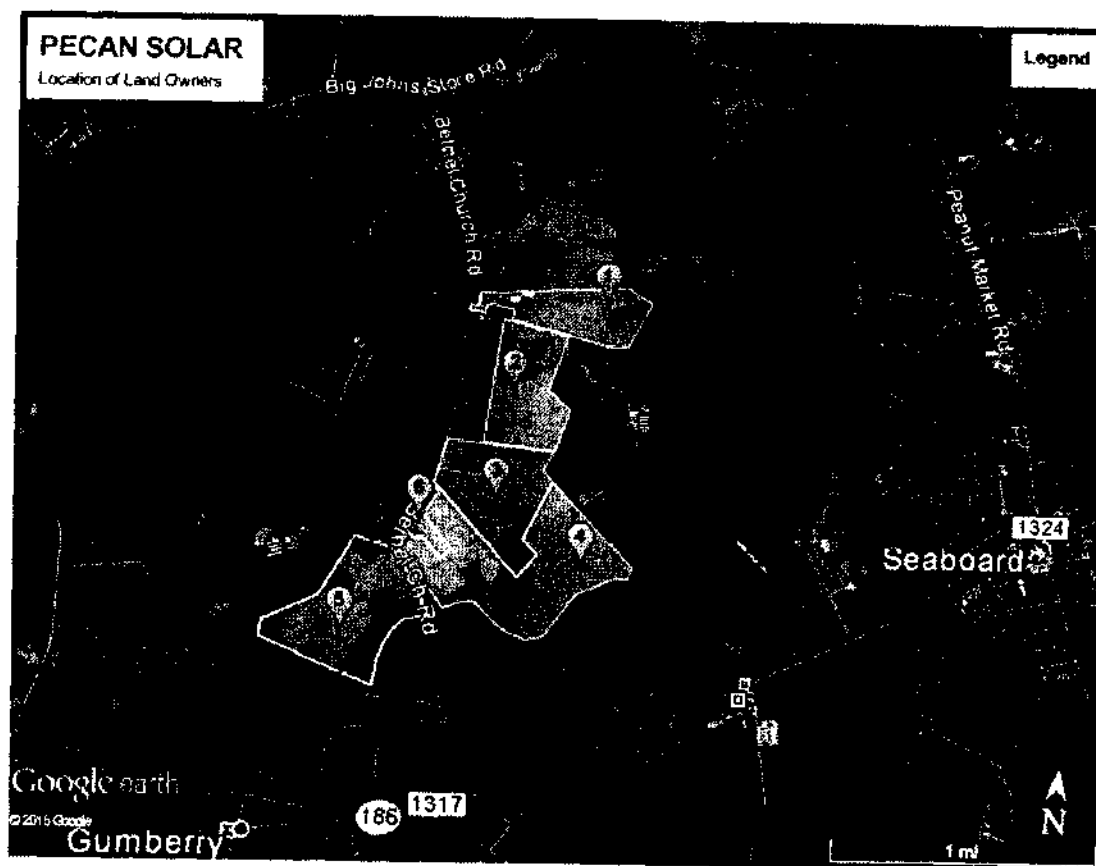
Applicant may execute a lease with Charles Porter.

**Pecan Solar LLC
Application Exhibit 2**

(i) See map as Attachment 1 to Exhibit 2 showing an aerial view of the site with the landowners identified and general location of Facility. See map as Attachment 2 to Exhibit 2 showing the location of major equipment (solar panels). The final site layout will depend on design considerations, consultation with PJM and Dominion North Carolina Power (DNCP), potential lease of fifth parcel and required permits.

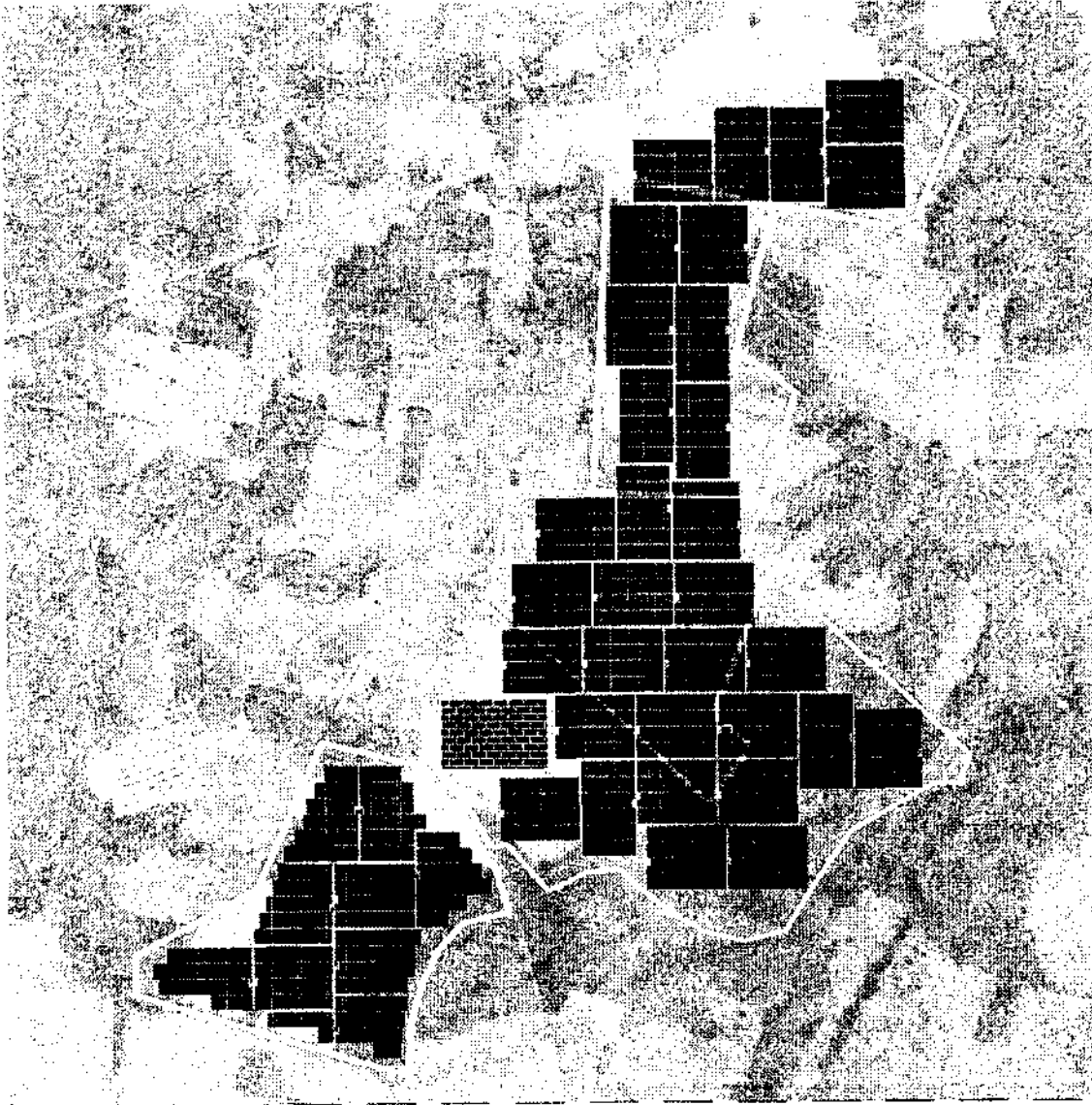
(ii) The final E911 address is obtained after the zoning permit is received. The site is located just east and west of Bethel Church Road approximately 0.6 to 2 miles north of the intersection of Bethel Church Road and Highway 186 in an unincorporated area of Northampton County. The site is approximately 2 mile east of Seaboard. The latitude is 36°29'16.37"N and the longitude is 77°28'52.85"W.

Pecan Solar LLC
CPCN Attachment 1 to Exhibit 2



Number	Site Owner
1.	Mason Rodwell Howell III
2.	Mason Rodwell Howell III
3.	Flythe Land Holdings
4.	Michael H. Wray and Philip L. Moncure
5.	Michael H. Wray, Kay W. Wray, David M. Dunlow and Debra B. Dunlow
6.	Charles Porter

Pecan Solar LLC
CPCN Attachment 2 to Exhibit 2



**Pecan Solar LLC
Application Exhibit 3**

- (i) The facility will generate 74.9 MW electricity. The source of power is solar.
- (ii) The facility will consist of approximately three hundred and five thousand (305,000) 310 to 330 W photovoltaic (PV) modules affixed to single-axis tracking system and ground-mounted racks. The system will utilize forty one (41) 1.833 MW inverters.
- (iii) The facility's nameplate capacity is 74.9 MW. The gross capacity is 74.9 MW and net projected maximum capacity is 74.9 MW. With full solar resources, the dependable capacity is 74.9 MW. The dependable capacity will be reduced when the solar resources are diminished.
- (iv) The Facility is projected to come on line by June 1, 2016.
- (v) The Applicant plans to sell the output pursuant to a negotiated Power Purchase Agreement to DNCP or one or more wholesale or retail customer in deregulated states that allow for such sales, or to sell the output in the PJM market.
- (vi) If required, any wheeling will be arranged per the PJM Open Access Transmission Tariff to meet the needs of the yet to be determined buyer.
- (vii) If needed non-firm energy is expected to be acquired through PJM or DNCP.
- (viii) The service life of the project is expected to be a minimum of twenty five years.
- (ix) The projected year one annual sales of the facility is approximately 167,000,000 kWh/yr.
- (x) The applicant plans to produce renewable energy certificates that are eligible for compliance with North Carolina's renewable energy and energy efficiency portfolio standard.

Pecan Solar LLC
Application Exhibit 4

(i) The Applicant intends to file for a self-certification as a Qualifying Facility (QF) with the Federal Energy Regulatory Commission (FERC). The Application is seeking the benefits of 16 U.S.C. 824a-3 with the exception of the right to sell energy or capacity from its Facility to DNCP. Applicant is aware that FERC entered an Order granting DNCP's application to terminate its obligation to purchase from QFs with a net capacity in excess of 20 MW on July 17, 2008. Therefore, the Applicant is seeking only certain benefits of a QF, including but not limited to the right to interconnect and purchase certain service and the right for relief from regulatory burdens such as compliance with certain requirements of the Public Utility Holding Act. The following is a complete list of all federal and state licenses, permits and exemptions required for construction and operation of the generating facility:

- North Carolina Dept. of Environmental and Natural Resources (NCDENR) Approval of erosion and sedimentation control plans.
- North Carolina Dept. of Environmental and Natural Resources (NCDENR) - Stormwater Management Permit
- N. C. Department of Transportation – Driveway Permit
- N. C. Department of Transportation - Utilities Encroachment Easement
- Northampton County - Conditional Use Permit
- Northampton County - Building Permit/Electric Permit
- FERC Form 556

(ii) None of the above have been obtained at this time. The Applicant will file a copy of the federal and state licenses, permits and exemptions with the Commission when they are obtained.