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October 26, 2015

**By Electronic Filing**

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

Re: Docket No. SP-7010, Sub 0  
Jackson Solar, LLC – Application for a Certificate of Public Convenience  
and Necessity

Dear Clerk Mount:

Enclosed for filing is Jackson Solar, LLC's Application for a Certificate of Public Convenience and Necessity.

Thank you for your assistance. Please contact me if you have any questions.

Sincerely,

/s/ Katherine E. Ross

Enclosure

**STATE OF NORTH CAROLINA  
UTILITIES COMMISSION  
RALEIGH**

**DOCKET NO. SP-7010, SUB 0**

**BEFORE THE NORTH CAROLINA UTILITIES COMMISSION**

<b>In the Matter of the Application of Jackson Solar, LLC For a Certificate of Public Convenience and Necessity</b>	<b>) ) ) )</b>	<b>APPLICATION FOR A CERTIFICATE OF PUBLIC CONVENIENCE AND NECESSITY</b>
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Jackson Solar, LLC (“Jackson” 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 Sampson County.

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

In support of its application, Jackson provides the Commission the attached five exhibits in compliance with Rule R8-64.

WHEREFORE, Jackson Solar, 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<sub>AC</sub> Facility, as more specifically described herein.

Respectfully submitted this 26<sup>th</sup> day of October, 2015

By:   
Henry C. Campen, Jr.  
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Katherine E. Ross  
N.C. State Bar No. 38468  
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*Attorneys for Jackson Solar, LLC*

**Jackson Solar, LLC  
Application Exhibit 1**

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

Jackson Solar, LLC  
6901 Bradenburg Ct  
Charlotte, NC 28210  
(704) 200-2915

The electronic mailing address for purposes of this filing is [jacksonsolarllc@gmail.com](mailto:jacksonsolarllc@gmail.com).

- ii. Jackson Solar, LLC is a North Carolina limited liability company that was formed June 11, 2015. Jesse Montgomery 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.

Jesse Montgomery  
Jackson Solar, LLC  
6901 Bradenburg Ct  
Charlotte, NC 28210  
[jacksonsolarllc@gmail.com](mailto:jacksonsolarllc@gmail.com)

with copies to:

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

- iii. Jackson Solar, LLC will be the owner of the Facility and has entered into a lease with Holmes Farms, LLC, the current owner of the site.

**Jackson Solar, 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 north side of Pleasant Union Road, west of the intersection with Dunn Road (also known as NC-1002), in Roseboro, NC, Sampson County. The GPS coordinates of the facility are: 34.983, -78.532.





Oct 26 2015

Jackson Solar, LLC  
Official Copy  
Application Exhibit 2(i)

**Jackson Solar, LLC**  
**Application Exhibit 3**

- i. The Facility will be a 5.0-MW<sub>AC</sub> photovoltaic ("PV") array. The source of its power is solar energy.
- ii. The Facility will consist of approximately twenty thousand sixty-four (20,064) 340Wp 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<sub>AC</sub> and the projected maximum net power production capacity is 4.6-MW<sub>AC</sub>. 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<sub>AC</sub>.
- iv. The Facility is projected to come online in December, 2016.
- 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 12,279,168 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.

**Jackson Solar, 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.



**Jackson Solar, LLC  
Application Exhibit 5**

The projected cost of the Facility is twenty million dollars (\$20,000,000).

STATE OF NORTH CAROLINA  
UTILITIES COMMISSION  
RALEIGH

DOCKET NO. SP- 7010, SUB 0

BEFORE THE NORTH CAROLINA UTILITIES COMMISSION

In the Matter of the Application of )  
Jackson Solar, LLC for a Certificate of )  
Public Convenience and Necessity as ) VERIFICATION  
a New Renewable Energy Facility )

I, Jesse Montgomery, 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 6 day of October, 2015.

*Jesse Montgomery*  
Jesse Montgomery  
Jackson Solar, LLC

Sworn and subscribed to before me this 6 day of October, 2015.

[Notary Seal]



*Sara Kate Neil*  
Notary Public [Signature of Notary Public]

*Sara Kate Neil*  
Name of Notary Public [typed/handwritten]

My Commission expired Oct. 21, 2019