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Charleston, SC
Charlotte, NC
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April 28, 2015

Via Electronic Filing

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

Re: Docket No. SP-5576, Sub 0
Arthur Solar, LLC - Application for a Certificate
of Public Convenience and Necessity and Registration
as a New Renewable Facility

Dear Clerk Mount:

Enclosed for filing is Arthur Solar, LLC's Application for a Certificate of Public Convenience and Necessity and Registration as a new Renewable Facility.

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

Sincerely,

/s/ E. Merrick Parrott

EMP:act
Enclosure

STATE OF NORTH CAROLINA
UTILITIES COMMISSION
RALEIGH

DOCKET NO. SP-5576, SUB 0

BEFORE THE NORTH CAROLINA UTILITIES COMMISSION

In the Matter of the Application of)	APPLICATION FOR A
Arthur Solar, LLC For a Certificate of)	CERTIFICATE OF PUBLIC
Public Convenience and Necessity)	CONVENIENCE AND NECESSITY
and Registration as a New)	AND REGISTRATION AS A NEW
Renewable Energy Facility)	RENEWABLE ENERGY FACILITY

Arthur Solar, LLC (“Arthur” 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 10.0-megawatt (“MW”) (alternating current) solar facility (the “Facility”) to be located in Columbus 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, Arthur 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, Arthur 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, Arthur 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 10.0-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 27th day of April, 2015

By: 
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N.C. State Bar No. 13346
Katherine E. Ross
N.C. State Bar No. 38468
E. Merrick Parrott
N.C. State Bar No. 47999
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Attorneys for Arthur Solar, LLC

**Arthur Solar, LLC
Application Exhibit 1**

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

Arthur Solar, LLC
3250 Ocean Park Blvd., Suite 355
Santa Monica, CA 90405
636.474.9067

The electronic mailing address for purposes of this filing is bunge@ccrenew.com.

- ii. Arthur Solar, LLC is a North Carolina limited liability company that was formed February 23, 2015. David Bunge 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.

David Bunge
Arthur Solar, LLC
3250 Ocean Park Blvd., Suite 355
Santa Monica, CA 90405
636.474.9067
bunge@ccrenew.com

with copies to:

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

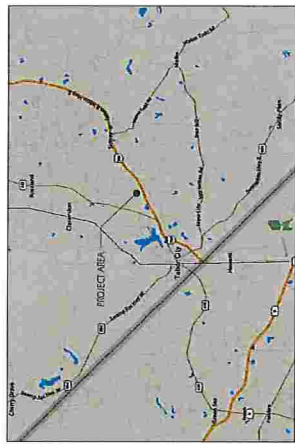
- iii. Arthur Solar, LLC will be the owner of the Facility. Arthur has entered into a site control agreement with Dogwood Creek Land Holdings, LLC, who has entered a lease agreement with J P Jones Enterprises, LLC, the current owner of the site. Under the site control agreement, Dogwood Creek Land Holdings, LLC agrees that it will exercise its rights under the lease agreement at the direction of Arthur. The agreement also provides Arthur the right to pursue development activities.

**Arthur 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 will be located on the north side of James B. White Highway South, northwest of the intersection of James B. White Highway South and Hughes Farm Lane, and east of Joe Brown Highway South in Tabor City, NC, Columbus County. The GPS coordinates of the facility are: 34.171, -78.830.

VICINITY MAP:



PROJECT INFO:

SITE ADDRESS: 15419 US 701
LABOR CITY, NC 28843

COUNTY: COLUMBUS COUNTY

LATITUDE 34°10'16.02" N

LONGITUDE 78°49'49.34" W

AC SYSTEM SIZE: 10.0 MW

GENERAL NOTES:

1. THE LOCATION OF PROPOSED EQUIPMENT INCLUDING BUT NOT LIMITED TO: FENCING, SOLAR ARRAY, ELECTRICITY, AND SECURITY FENCE ARE APPROXIMATE AND MAY BE SUBJECT TO MODIFICATION DUE TO SITE CONDITIONS, ADDITIONAL PERMITTING REQUIREMENTS, EQUIPMENT SPECIFICATIONS AND/OR OTHER CONSTRAINTS.
2. PROPERTY BOUNDARIES, TOPOGRAPHIC DATA, AND EXISTING IMPROVEMENTS SHOWN ARE APPROXIMATE PER AERIAL PHOTOGRAPHY AND GIS MAPS.
3. THIS PLAN IS PRELIMINARY AND WILL NOT BE RELEASED FOR CONSTRUCTION.

LINE TYPE LEGEND:

SYMBOL/ABBREVIATION	DESCRIPTION
[Red line]	PROPERTY LINE
[Blue line]	RIVERS/STREAMS
[Yellow line]	PROPOSED SITE ACCESS ROAD
[Black line]	EXISTING POWERLINES
[Red dashed line]	PROPOSED OVERHEAD POWERLINES (IF APPLICABLE)
[Yellow circle]	DESIRED INTERCONNECTION POINT
[Blue hatched area]	SOLAR ARRAY SURROUNDED BY F
[Black dashed line]	SECURITY FENCE
[White line]	PROJECT BOUNDARY



CONCEPTUAL SITE PLAN
DATE: 04/22/15

ARTHUR SOLAR, LLC

CYPRESS CREEK RENEWABLES
3250 OCEAN PARK BLVD
SUITE 355
SANTA MONICA, CA 90405
(310) 581-6239

CYPRESS CREEK RENEWABLES

Arthur Solar, LLC
Application Exhibit 2(i)
OFFICIAL COPY

Apr 28 2015

**Arthur Solar, LLC
Application Exhibit 3**

- i. The Facility will be a 10.0-MW_{AC} photovoltaic ("PV") array. The source of its power is solar energy.
- ii. The Facility will consist of approximately forty-six thousand six hundred and sixty (46,660) 300Wp PV modules (or equivalent) affixed to ground mounted racks supported on driven piles. The Facility will utilize approximately twelve (12) 833kW inverters (or equivalent).
- iii. The maximum gross power production capacity of the Facility will be 10.0-MW_{AC} and the projected maximum net power production capacity is 9.85-MW_{AC}. Solar is an intermittent energy source, and therefore, the maximum dependable capacity is 0 MW. The Facility's nameplate capacity is 9.996-MW_{AC}.
- iv. The Facility is projected to come online by December, 2015.
- 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. There are currently no arrangements for firm, non-firm or emergency generation.
- viii. The service life of the equipment is expected to be a minimum of 25 years.
- ix. The projected annual sales of the Facility are 21,092,792kWh.
- x. The Applicant will produce renewable energy certificates that are eligible for compliance with North Carolina's renewable energy and energy efficiency portfolio standard.

Arthur 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.

**Arthur 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- 5576, SUB 0

BEFORE THE NORTH CAROLINA UTILITIES COMMISSION

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

VERIFICATION

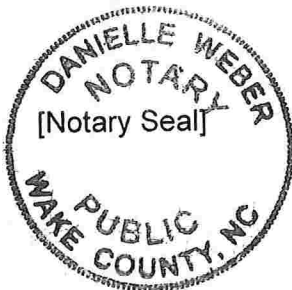
I, David Bunge, being duly sworn, do hereby declare that I am duly authorized to act on behalf of the Applicant, that I am familiar with the facts, have read the foregoing Application and Registration Statement, and, to my personal knowledge, the matters and statements contained therein are in compliance with North Carolina Utilities Commission Rules R8-64 and R8-66 and are true to the best of my knowledge.

This 31 day of March, 2015.



David Bunge
Cypress Creek Renewables, LLC

Sworn and subscribed to before me this 31 day of March, 2015.



Notary Public [Signature of Notary Public]



Name of Notary Public [typewritten or printed]

My Commission expires 9.20.2017