

STATE OF NORTH CAROLINA
UTILITIES COMMISSION
RALEIGH

DOCKET NO. SP- 7384, SUB 0

BEFORE THE NORTH CAROLINA UTILITIES COMMISSION

In the Matter of the Application of)	APPLICATION FOR A
<u>HORUS North Carolina 8, LLC</u> For)	CERTIFICATE OF PUBLIC
a 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

HORUS North Carolina 8, LLC (“HORUS NC 8” 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 4.9 megawatt (“MW”) solar facility (the “Facility”) to be located in Onslow 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, HORUS NC 8 shows the Commission the following:

THE APPLICANT

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

HORUS North Carolina 8, LLC
3410 Industrial Boulevard, Suite 102
Sacramento, CA 95691
(919) 219-1530

The electronic mailing address for purposes of this filing is

marodriguez@opde.net

(ii) HORUS North Carolina 8, LLC is a Delaware limited liability company with its principal place of business in Sacramento, California. HORUS North Carolina 8, LLC was formed October 6, 2015 and was granted a Certificate of Authority to transact business in North Carolina on October 15, 2015. Manuel A. Rodriguez 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:

Manuel A. Rodriguez
HORUS North Carolina 8, LLC
3410 Industrial Boulevard, Suite 102
Sacramento, CA 95691
marodriguez@opde.net

with copies to:

April Montgomery
REAP NC, LLC
P.O. Box 1806
Sanford, North Carolina 27330
april@reapvalue.com

The Facility

(iii) The Facility will be a 4.99 -MW_{AC} photovoltaic ("PV") array. The source of its power is solar energy.

(iv) The Facility will be located on the west side of Richlands HWY at the intersection with Hines Farm Rd. in Jacksonville, North Carolina. A map reflecting

the location of the Facility is included as **Application Exhibit 1**. A projected site layout reflecting the footprint of the Facility is included as **Application Exhibit 2**. The final site layout will depend on design considerations, consultation with Duke Energy Progress, and required permits.

(v) HORUS North Carolina 8, LLC will be the owner of the Facility and has an Option to Lease with Linwood Morton and Linda Morton, the current owners of the site, which grants HORUS NC 8 the right to engage in certain development activities, including filing this application.

(vi) The Facility will consist of approximately twenty two thousand two hundred thirty (22,230) 315 Wp PV modules (or equivalent) affixed to ground mounted racks supported on driven piles. The system will utilize approximately five (5) 1000 kW inverters (or equivalent).

(vii) The maximum gross power production capacity of the Facility will be 5972 kW and the projected maximum net power production capacity is 4989 kW. Solar is an intermittent energy source, and therefore, the maximum dependable capacity is 0 MW.

(viii) The projected cost of the Facility is being provided under seal as **Application Exhibit 3** because it constitutes confidential and proprietary information within the scope of G.S. §132-1.2.

(ix) The Facility is projected to come online in April 2017.

(x) Electricity generated by the Facility will be sold to Duke Energy Progress under a power purchase agreement. The service life of the equipment

is expected to be a minimum of 25 years. The projected year one annual sales of this facility are filed under seal as **Application Exhibit 4** because it constitutes confidential and proprietary information within the scope of G.S. §132-1.2. HORUS NC 8 will produce renewable energy certificates that are eligible for compliance with North Carolina's renewable energy and energy efficiency portfolio standard.

(xi) HORUS NC 8 will file for self-certification as a Qualifying Facility under the Federal Energy Regulatory Commission. HORUS NC 8 anticipates needing a soil and erosion control permit from the Department of Environment and Natural Resources and a driveway permit from the North Carolina Department of Transportation. HORUS NC 8 will file any state or federal licenses, permits or exemptions obtained for the Facility once they are received. The Facility has no potable water needs.

REGISTRATION AS A NEW RENEWABLE ENERGY FACILITY

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

1. The Applicant incorporates by reference each of the foregoing sections, including all subsections, in support of its Registration as a New Renewable Energy Facility.
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 protections 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, HORUS NORTH CAROLINA 8, 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 4.9 -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 29 day of April, 2016.

By: 

Manuel A. Rodriguez

Authorized Agent

HORUS North Carolina 8, LLC

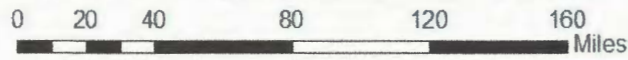
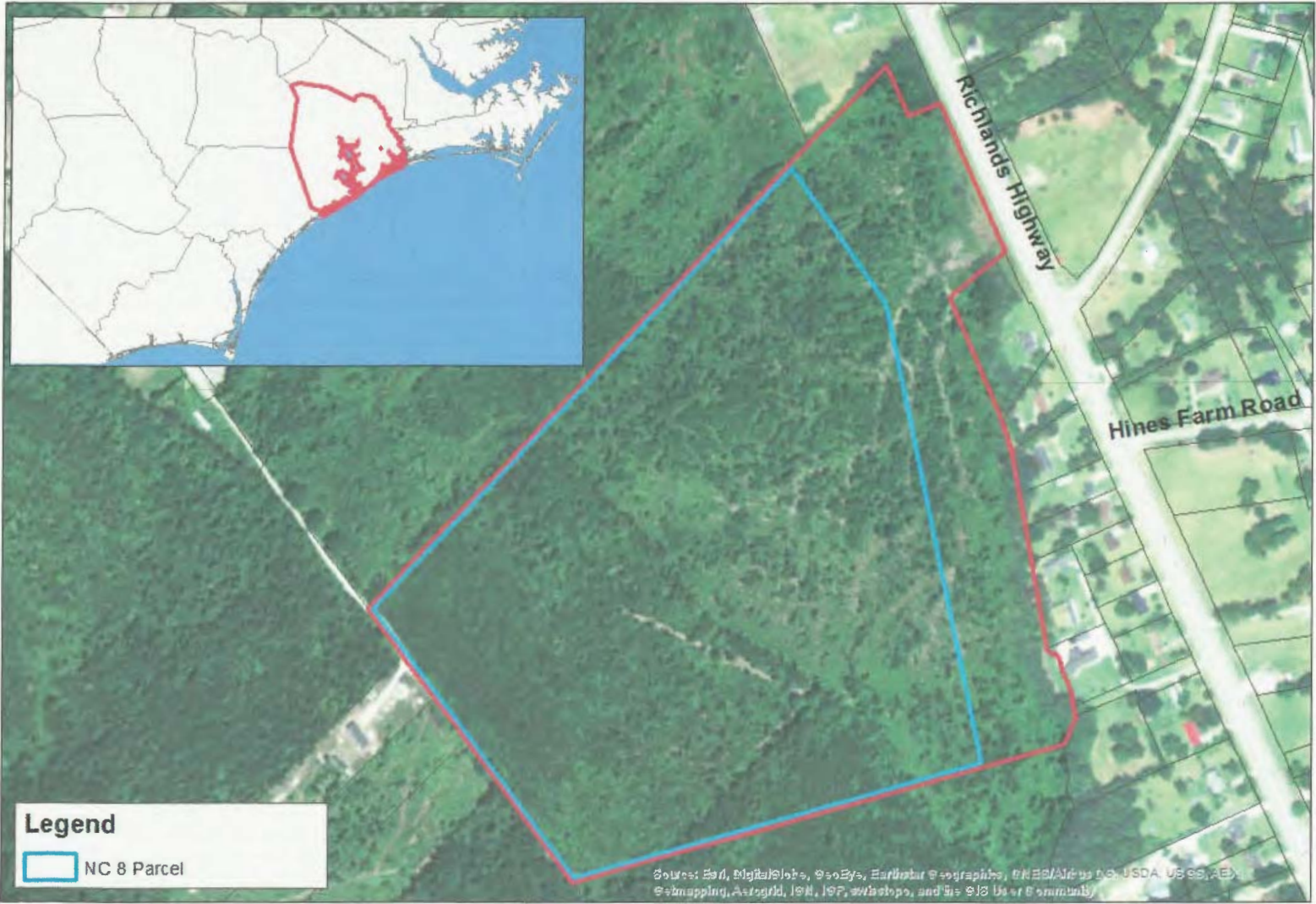
3410 Industrial Boulevard, Suite 102

Sacramento, CA 95691

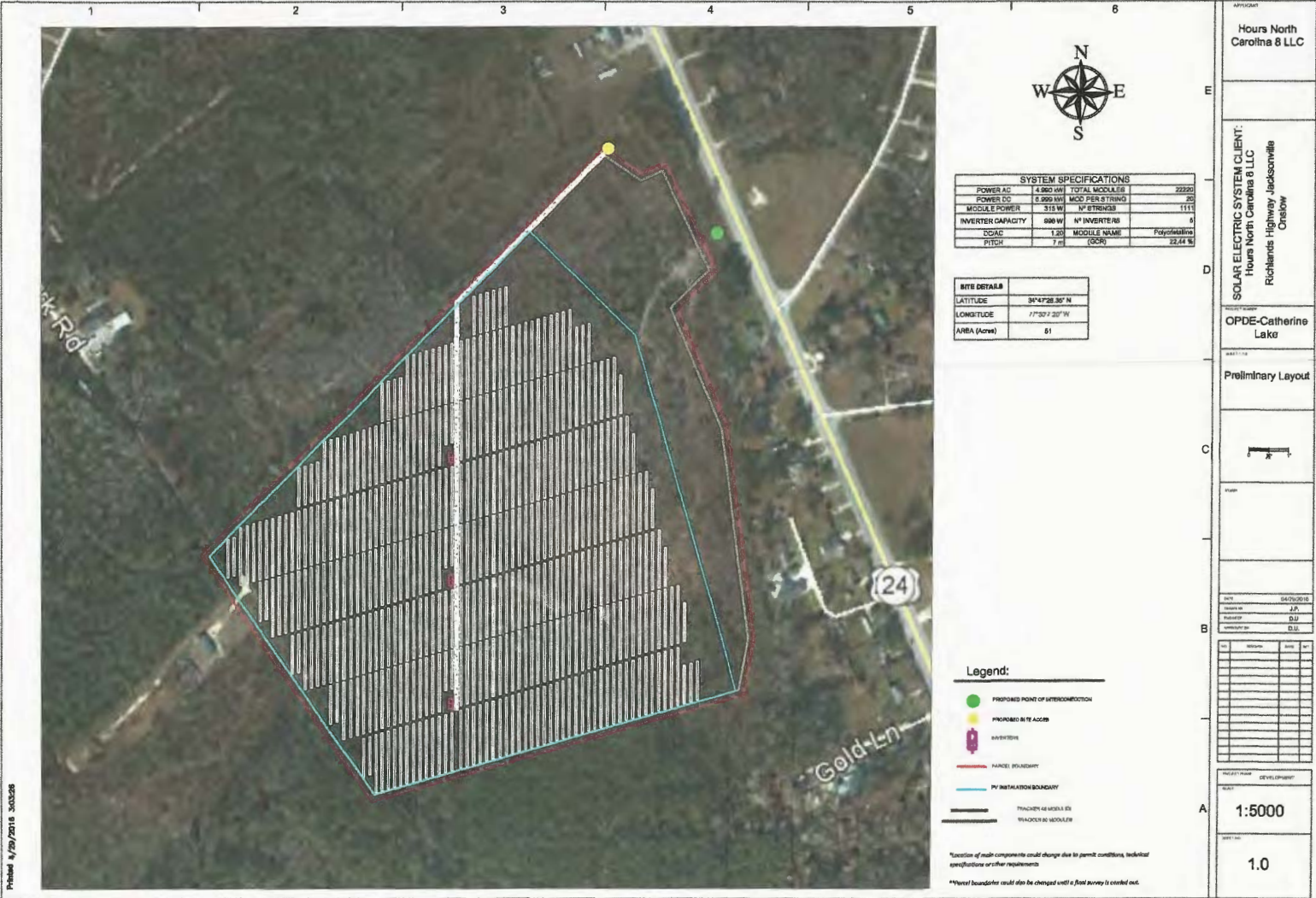
(919) 219-1530

marodriguez@opde.net

Application Exhibit 1: Horus NC 8 - Jacksonville, Onslow County



Application Exhibit 2: HORUS North Carolina 8, LLC Site Layout



SYSTEM SPECIFICATIONS			
POWER AC	4,800 kW	TOTAL MODULES	22320
POWER DC	6,990 kW	MOD PER STRING	20
MODULE POWER	315 W	# OF STRINGS	1116
INVERTER CAPACITY	600 W	# OF INVERTERS	8
COGAC	1.26	MODULE NAME	PolySolar
PITCH	7.2%	COGSR	23.4%

SITE DETAILS	
LATITUDE	35°47'28.85" N
LONGITUDE	77°32' 207" W
AREA (Acres)	81

- Legend:**
- PROPOSED POINT OF SURVEY/SECTION
 - PROPOSED SITE ACCESS
 - INVERTERS
 - FENCE BOUNDARY
 - PV INSTALLATION BOUNDARY
 - TRACKERS OR SINGLE DS
 - TRACKERS NO MODULES

**Location of main components could change due to permit conditions, technical specifications or other requirements*
***Fence boundaries could also be changed until a final survey is completed.*

APPLICANT

Hours North Carolina 8 LLC

SOLAR ELECTRIC SYSTEM CLIENT:
Hours North Carolina 8 LLC
Richlands Highway Jacksonville
Onslow

PROJECT OWNER
OPDE-Catherine Lake

SCALE
Preliminary Layout

DATE
04/29/2018

DRAWN BY
J.P.

CHECKED BY
B.J.

APPROVED BY
D.S.

SCALE
1:5000

SCALE
1.0

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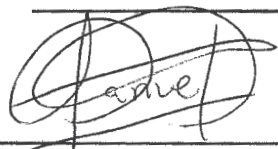
BEFORE THE NORTH CAROLINA UTILITIES COMMISSION

In the Matter of the Application of)
HORUS North Carolina 8, LLC for)
a Certificate of Public Convenience) VERIFICATION
and Necessity and Registration as)
a New Renewable Energy Facility)

Manuel A. Rodriguez, as an Authorized Agent of
HORUS North Carolina 8, LLC, being first duly sworn, says that he has read
the foregoing application, and attached exhibits, and knows the contents thereof to be
true to his actual knowledge.

This 29 day of April, 2016

HORUS North Carolina 8, LLC



by: Manuel A. Rodriguez, Authorized Agent

Sworn and subscribed to before me this 29 day of April, 2016.

Sarah A. Kerns
Notary Public [Signature of Notary Public]

[Notary Seal]

Sarah A. Kerns
Name of Notary Public [typewritten or printed]

My Commission expires 2-25-2021

SARAH A KERNS
NOTARY PUBLIC
LEE COUNTY, NC
MY COMMISSION EXPIRES
2-25-2021