

DOCKET NO. SP 20878, SUB 0 **EGL-8 Sub 1**

Filing Fee Tendered \$ 50

Report of Proposed Construction (RPC) – Commission Rule R8-65

Pursuant to G.S. 62-110.1(g), any person who seeks to construct an electric generating facility in North Carolina, and is exempt from the requirement to obtain a certificate of public convenience and necessity, is required to file this form and a notice of completion of the construction of the facility. This form may be accompanied by any exhibits or additional responses incorporated by reference thereto and attached to this form. This form must be accompanied by the required filing fee of \$50.00.

This form may be electronically filed. Please see www.ncuc.net for instructions.

If this form is filed by hard copy, the original plus 6 copies must be presented at or transmitted to the office of the Chief Clerk. Regardless of the method of delivery, this form is not deemed filed until it is received by the Chief Clerk, along with the required filing fee.

The mailing address is:

Chief Clerk
NC Utilities Commission
4325 Mail Service Center
Raleigh, NC 27699-4325

| Exhibits required by Rule R8-65(g) | | Applicant's Response |
|------------------------------------|---|---|
| (1)(i) | Full and correct name of the owner of the facility | OWASA ADMINISTRATION BLDG |
| | Facility name | ADMINISTRATION BLDG |
| | Business address | 400 JONES FERRY ROAD, CARRBORO, NC 27510 |
| | E-mail address | MTIGER@OWASA.ORG |
| | Telephone number | (919) 968-4421 |
| (ii) | The owner is (check one) | <input type="checkbox"/> Individual <input type="checkbox"/> Partnership <input checked="" type="checkbox"/> Corporation |
| | If a partnership, the name and business address of each general partner | |
| | If a corporation, the state and date of incorporation | NC, June 6, 1975 |
| | If a partnership, the name and address of each general partner (add additional sheets if necessary) | |

| | | |
|--------|--|---|
| | Owner's agent for purposes of this report, if applicable: | JOE W. BENNETT, JR. |
| | Agent's business address | 4005 2ND AVENUE SOUTH |
| | Agent's e-mail address | JBENNETT@EAGLESOLARANDLIGHT.COM |
| | Agent's telephone number | (205) 202-2208 |
| (iii) | The full and correct name of the site owner and, if the site owner is other than the applicant, the applicant's legal interest in the site | ORANGE WATER AND SEWER AUTHORITY DBA ADMINISTRATION BLDG |
| | | |
| (2)(i) | Attach a color map or aerial photo showing the location of the generating facility site in relation to local highways, streets, rivers, streams, and other generally known local landmarks with the proposed location of major equipment indicated on the map or photo, including: the generator, fuel handling equipment, plant distribution system, startup equipment, the site boundary, planned and existing pipelines, planned and existing roads, planned and existing water supplies, and planned and existing electric facilities. A U.S. Geological Survey map or an aerial photo map prepared via the State's geographic information system (found at www.gis.ncdcr.gov/hpweb/) is preferred. | |
| (ii) | E911 street address of the proposed facility | 400 JONES FERRY ROAD, CARRBORO, NC 27510 |
| | County in which the proposed facility will be physically located | ORANGE |
| | GPS coordinates of the approximate center of the proposed facility site to the nearest second or one thousandth of a degree | 35.909, -79.081 |
| | | |
| (3)(i) | The nature of the facility, including its technology, and the source of its power and fuel(s) | RENEWABLE ENERGY FACILITY, SOLAR PV, GRID TIED WITH DUKE ENERGY |
| (ii) | A description of the buildings, structures and equipment comprising the generating facility and the manner of its operation | ROOF-TOP BALLASTED SOLAR PV ARRAY, GRID TIED WITH DUKE ENERGY |
| (iii) | The gross and net projected maximum dependable capacity of the facility in megawatts – Alternating Current | 0.1 MW (100 kW) |

| | | |
|--------|---|---------------------------|
| | The facility's nameplate capacity in megawatts – Alternating Current | 0.1 MW (100 kW) |
| (iv) | The projected date on which the facility will come on line | 08/01/2020 |
| (v) | The applicant's general plan for sale of the electricity to be generated, including the name of utility to which the applicant plans to sell the electricity | NET METERING, DUKE ENERGY |
| (vi) | Any provisions for wheeling of the electricity, if applicable | N/A |
| (vii) | Arrangements for firm, non-firm, or emergency generation, if applicable | N/A |
| (viii) | The service life of the project | 25 YEARS |
| (ix) | The projected annual sales in kilowatt-hours | N/A |
| (x) | Whether the applicant intends to produce renewable energy certificates that are eligible for compliance with the State's renewable energy and energy efficiency portfolio standard <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | |
| | | |
| (4) | The expected cost of the proposed facility | \$ LEASED SYSTEM |

Confidentiality

If an applicant considers certain of the required information above to be confidential and entitled to protection from public disclosure, it may designate said information as confidential and file it under seal. Documents marked as confidential will be treated pursuant to applicable Commission rules, procedures, and orders dealing with filings made under seal and with nondisclosure agreements.

All reports shall be signed and verified (notarized) by the applicant or by an individual duly authorized to act on behalf of the applicant for the purpose of the report. A blank verification page is attached below:

VERIFICATION

STATE OF ALABAMA COUNTY OF JEFFERSON

Joe W. Bennett, Jr. PRESIDENT, EAGLE SOLAR AND LIGHT LLC
Signature of Owner's Representative or Agent Title of Representative or Agent

JOE W. BENNETT, JR.
Typed or Printed Name of Representative or Agent

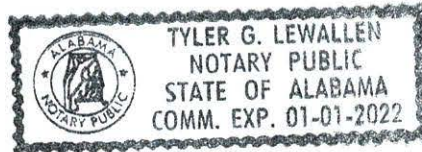
The above named person personally appeared before me this day and, being first duly sworn, says that the facts stated in the foregoing report and any exhibits, documents, and statements thereto attached are true as he or she believes.

WITNESS my hand and notarial seal, this 6th day of December, 2019.

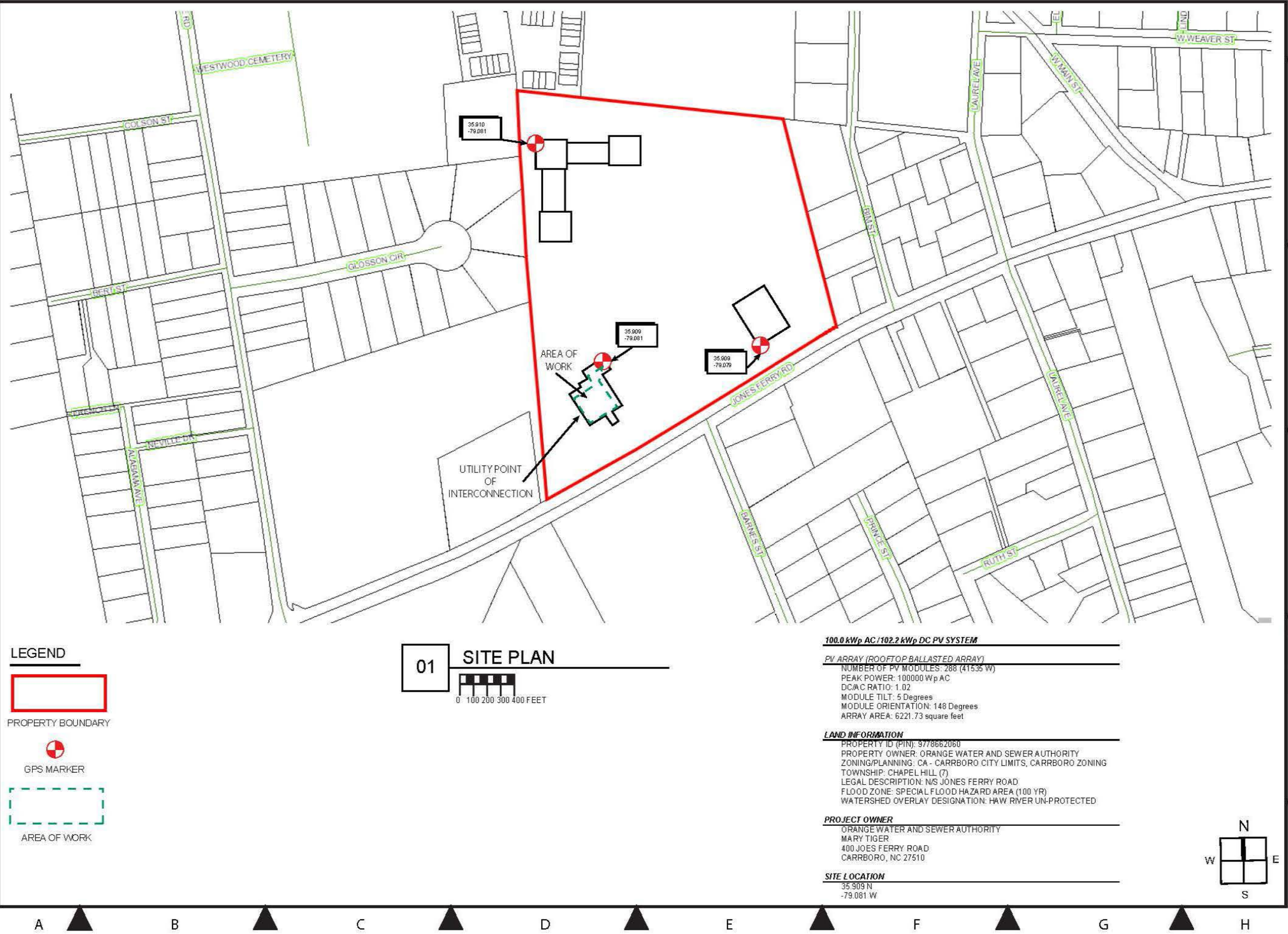
My Commission Expires: 01-01-2022

Tyler G. Lewallen
Signature of Notary Public

Tyler G. Lewallen
Name of Notary Public – Typed or Printed



This original verification must be affixed to the original report, and a copy of this verification must be affixed to each of the copies that are also submitted to the Commission.



LEGEND

- PROPERTY BOUNDARY
- GPS MARKER
- AREA OF WORK

01

SITE PLAN

0 100 200 300 400 FEET

100.0 kWp AC / 102.2 kWp DC PV SYSTEM

PV ARRAY (ROOFTOP BALLASTED ARRAY)

NUMBER OF PV MODULES: 288 (41535 W)
PEAK POWER: 100000 Wp AC
DC/AC RATIO: 1.02
MODULE TILT: 5 Degrees
MODULE ORIENTATION: 148 Degrees
ARRAY AREA: 6221.73 square feet

LAND INFORMATION

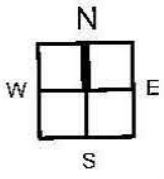
PROPERTY ID (PIN): 9778662060
PROPERTY OWNER: ORANGE WATER AND SEWER AUTHORITY
ZONING/PLANNING: CA - CARRBORO CITY LIMITS, CARRBORO ZONING
TOWNSHIP: CHAPEL HILL (7)
LEGAL DESCRIPTION: N/3 JONES FERRY ROAD
FLOOD ZONE: SPECIAL FLOOD HAZARD AREA (100 YR)
WATERSHED OVERLAY DESIGNATION: HAW RIVER UN-PROTECTED

PROJECT OWNER

ORANGE WATER AND SEWER AUTHORITY
MARY TIGER
400 JOES FERRY ROAD
CARRBORO, NC 27510

SITE LOCATION

35.909 N
-79.081 W



EAGLE SOLAR
& LIGHT

Eagle Solar and Light, LLC
4005 2nd Ave South
Birmingham, AL 35222
205-202-2208
www.eaglesolarandlight.com

ALABAMA GENERAL CONTRACTOR
LICENSE NO. 51689
NORTH CAROLINA GEN. CONTRACTOR
LICENSE NO. 79280
GEORGIA GENERAL CONTRACTOR
LICENSE NO. GCQA006143

UNAUTHORIZED USE OF THIS
DRAWING SET WITHOUT WRITTEN
PERMISSION FROM CONTRACTOR
IS IN VIOLATION OF U.S. COPYRIGHT
LAWS AND WILL BE SUBJECT TO
CIVIL DAMAGES AND
PROSECUTIONS.

102.2 KWP DC PV SYSTEM
ORANGE WATER AND
SEWER AUTHORITY
DBA ADMINTISRATION BLDG
400 JONES FERRY ROAD
CARRBORO, NC 27510

DESIGNER OF RECORD



NORTH AMERICAN BOARD OF
CERTIFIED ENERGY PRACTITIONERS
CERT NO. PV-102117-016491
JOE W. BENNETT, JR.

PAPER SIZE 11" X 17" (ANSI B)
SITE PLAN

DATE: 12-03-19

DESIGN BY: JOE W BENNETT JR

CHECKED BY: CB

REVISIONS

A-101.00
(SHEET 3)

OFFICIAL COPY
Dec 06 2019