

DOCKET NO. <sup>SP</sup> 19870, SUB <sup>0</sup>  
 EGL1 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](http://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	<input type="checkbox"/> BA Union Cross Mor CH
	Facility name	Union Cross Thrift Store
	Business address	1780 Union Cross Road, Kernersville, NC 27284
	E-mail address	ThriftStore@unioncrossmoravian.org
	Telephone number	(336) 769-2411
(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	North Carolina, 5/14/19
	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:	Scott Alexander
	Agent's business address	1818 MLK Jr BLVD, # 234 Chapel Hill NC 27514
	Agent's e-mail address	salexander@eaglesolarandlight.com
	Agent's telephone number	(205) 223-1639
(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	
(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 <a href="http://www.gis.ncdcr.gov/hpoweb/">www.gis.ncdcr.gov/hpoweb/</a> ) is preferred.	
(ii)	E911 street address of the proposed facility	1780 Union Cross Road, Kernersville, NC 27284
	County in which the proposed facility will be physically located	Forsyth County
	GPS coordinates of the approximate center of the proposed facility site to the nearest second or one thousandth of a degree	36.05, -80.12
(3)(i)	The nature of the facility, including its technology, and the source of its power and fuel(s)	ground mounted solar PV system that is grid-tied
(ii)	A description of the buildings, structures and equipment comprising the generating facility and the manner of its operation	ground mounted solar PV system that is grid-tied  0.010 MW
(iii)	The gross and net projected maximum dependable capacity of the facility in megawatts – Alternating Current	

	The facility's nameplate capacity in megawatts – Alternating Current	0.010 MW
(iv)	The projected date on which the facility will come on line	02/28/2020
(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 with Duke Energy Carolinas
(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	\$ Lease

### 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:

VERIFICATIONSTATE OF NC COUNTY OF OrangeM Scott Alexander  
Signature of Owner's Representative or AgentOwner  
Title of Representative or AgentM Scott Alexander  
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 8th day of Nov, 2019.My Commission Expires: 02/21/2021AS/KW  
Signature of Notary Public

ANNA SZAJNERT-KLEIN  
NOTARY PUBLIC  
Orange County, North Carolina  
My Commission Expires 2/21/2021

Anna Szajnert-Klein  
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

### 11.52 kWp DC / 10.0 kWp AC PV SYSTEM

#### PV ARRAY (GROUND MOUNT ARRAY)

NUMBER OF PV MODULES: 36 (11520 WATTS)  
PEAK POWER 10000 Wp AC  
DC/AC RATIO: 1.15  
MODULE TILT: 35 Degrees  
MODULE ORIENTATION: 180.0 Degrees  
ARRAY AREA: 1700 square feet

#### LAND INFORMATION

PROPERTY ID (PIN): 6663-98-1887.00  
PROPERTY OWNER: UNION CROSS MOROVIAN CHURCH  
ZONING: FORSYTH COUNTY / WINSTON-SALEM  
TOWNSHIP: WINSTON-SALEM  
FLOOD ZONE: NONE

#### PROJECT OWNER

UNION CROSS MOROVIAN CHURCH  
501 S MAIN STREET  
WINSTON-SALEM, NC 27107

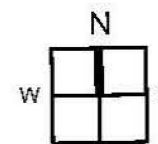
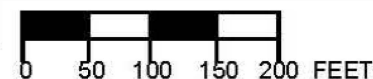
#### SITE LOCATION

36.05 N  
-80.12 W



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## SITE PLAN



**EAGLE SOLAR  
& LIGHT**

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

[www.eaglesolarandlight.com](http://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.

**11.52 KWP DC PV SYSTEM**  
**UNION CROSS**  
**MOROVIAN CHURCH**  
**4295 HIGH POINT ROAD**  
**WINSTON-SALEM, NC 27101**

## 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: 05-24-19

DESIGN BY: JOE W BENNETT JR

CHECKED BY: CB

REVISIONS

**A-101.00**  
(SHEET 3)

OFFICIAL COPY  
Nov 12 2019