



**E. Merrick Parrott**

**Associate**

Telephone: 919.835.4504

Direct Fax: 919.834.4564

merrickparrott@parkerpoe.com

Atlanta, GA  
Charleston, SC  
Charlotte, NC  
Columbia, SC  
Greenville, SC  
Raleigh, NC  
Spartanburg, SC  
Washington, DC

September 17, 2020

**VIA ELECTRONIC FILING**

Kimberley Campbell  
Chief Clerk  
North Carolina Utilities Commission  
430 North Salisbury Street  
Raleigh, North Carolina 27603

Re: Docket No. EMP-114 Sub 0  
Oak Trail Solar, LLC – Registration Statement for the Registration of a New  
Renewable Energy Facility

Dear Clerk Campbell:

Enclosed for filing is Oak Trail Solar, LLC's Registration Statement for the  
Registration of a New Renewable Energy Facility.

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

Sincerely,

/s/ E. Merrick Parrott

Enclosure

cc: Reita Coxtton, Public Staff (w/ encl., via email)

DOCKET NO. EMP 114, SUB 0

Filing Fee Tendered \$<sup>250</sup>

**Registration Statement for the Registration of a Renewable Energy Facility or New Renewable Energy Facility – Commission Rule R8-66**

Pursuant to G.S. 62-133.8 and Commission Rule R8-66, this form is required for use by the owner of a renewable energy facility that intends for the renewable energy certificates the facility earns to be eligible for use by an electric power supplier to comply with G.S. 62-133.8, or for its renewable energy facility to participate in the Competitive Procurement of Renewable Energy Program. 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 \$250.00.

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 9 copies must be presented at the office of the Chief Clerk, or transmitted by the United States Postal Service or a designated delivery service authorized pursuant to 26 U.S. 7502(f)(2). 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

Required Statements	Response
Facility name:	Oak Trail Solar
Full and correct name of the owner of the facility:	Oak Trail Solar, LLC
Business address:	11757 Katy Freeway, Suite 400, Houston, TX 77079
Electronic mailing address:	Matt.Crook@firstsolar.com
Telephone number:	(877) 228-3331
Owner's agent for purposes of	Matt Crook

this application, if applicable:	
Agent's business address:	11757 Katy Freeway, Suite 400 Houston, TX 77079
Agent's electronic mailing address:	Matt.Crook@firstsolar.com
Agent's telephone number:	(919) 914-9404
The owner is:	<input type="checkbox"/> Individual <input type="checkbox"/> Partnership <input checked="" type="checkbox"/> Corporation/LLC
If a corporation, provide the state and date of incorporation:	State <u>DE</u> Date <u>02/25/2020</u>
If a corporation that is incorporated outside of North Carolina, is it domesticated in North Carolina?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
If a partnership, the name and business address of each general partner. (Add additional sheets if necessary.)	
Nature of the renewable energy facility:	
1. Describe the facility, including its technology, and the source of its power and fuel(s). Thermal facilities should describe how its host uses the facility's thermal energy output. (Add additional sheets if necessary.)	The facility will consist of approximately (185,280) 120 Wp First Solar Series 4 PV modules (or equivalent), and approximately (257,090) 455 Wp Solar Series 6 PV modules (or equivalent) affixed to ground mounted racks supported on driven piles. The Facility will utilize approximately (133) 840WK Toshiba Mitsubishi-Electric Industrial Systems Corporation inverters (or equivalent) and will be interconnected to the grid operated by Virginia Electric and Power Company ("VEPCO") d/b/a Dominion Energy North Carolina ("DENC")
2. Whether it produces electricity, useful thermal energy, or both.	Electricity
3. Nameplate capacity in kW/MW (AC) and/or maximum Btu per hour for thermal facilities.	100-MWac

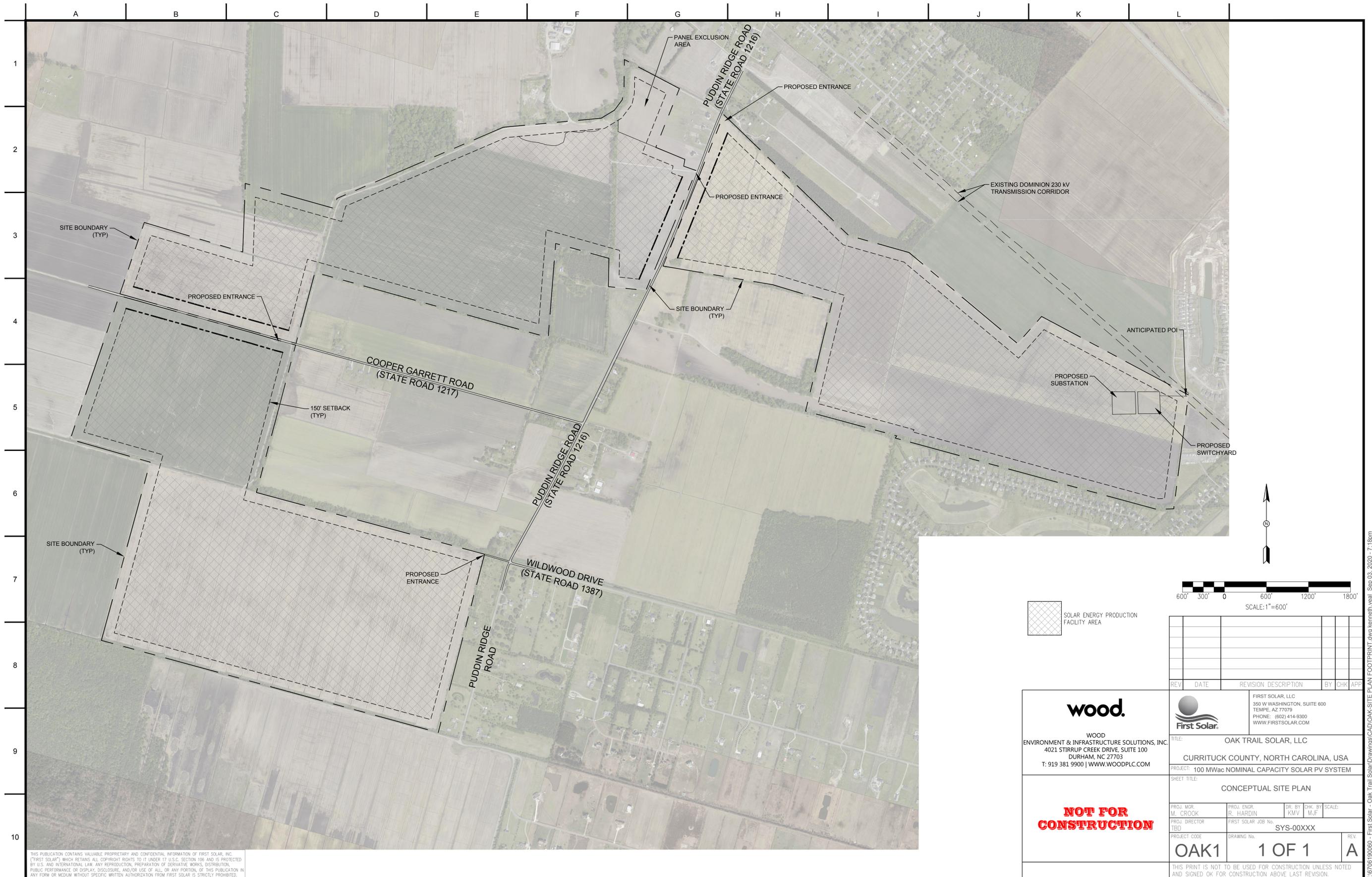
4. The facility's projected dependable capacity in kW AC or Btu/hour.	Solar is an intermittent energy source and therefore, the maximum dependable capacity is 0kW.
5. The E911 address of the facility.	The applicant will notify the Commission of the e911 street address when it is received.
6. The county where the facility will be located.	Currituck
7. GPS coordinates of the approximate center of the facility site to the nearest second or one thousandth of a degree.	36.506N, 76.187W
8. The location of the facility set forth in terms of local highways, streets, rivers, streams, or other generally known local landmarks. Attach a map, such as a county road map, with the location indicated on the map.	Facility is located south of S. Mills Road (NC1227), on the east and west sides of Puddin Ridge Road and on the north and south sides of Cooper Garrett Road, near Moyock
Site ownership:	
1. Is the site owner other than the facility owner? If yes, who is the site owner?	Yes. Karen Lea Jarvis, Charles D. Jarvis, Elizabeth Jarvis Campbell, and FPI Carolinas LLC are the owners of the site.
2. What is the facility owner's legal interest in the site?	Oak Trail Solar, LLC will be the owner of the Facility and has entered into options to lease with Karen Lea Jarvis, Charles D. Jarvis, Elizabeth Jarvis Campbell, and an option to purchase with FPI Carolinas LLC, the owners of the site.
Federal and State licenses, permits, and exemptions.	
Note: Responses in this section should provide all federal and state (not local) licenses, permits, and/or exemptions required for construction and operation of the facility and a statement of whether each has been obtained or applied for. A copy of those that have been obtained should be attached to this registration statements. Wind facilities with multiple turbines, where each turbine is licensed separately, may provide copies of approvals for one such turbine, but shall add an attestation that approvals for all of the turbines are available for inspection.	
1. Federal permits and licenses:	Exempt Wholesale Generator and Market Based Rates from FERC
2. State permits and licenses:	Stormwater Management Permit, Erosion and Sedimentation Control Plan and Stormwater General Permit Coverage, NC Department of Transportation Driveway Permits

3. Exemptions required for construction and operation of the facility:	N/A
4. Statement of whether each has been obtained or applied for (attach copy of those that have been obtained with this application):	Applications have not yet been applied for. The Applicant will file a copy of the federal and state licenses, permits and exemptions, if any are received, once they are obtained.
1. If the facility has been placed into service, on what date did the facility begin operating?	N/A
2. If the facility is not yet operating, on what date is the facility projected to be placed into service?	December 2022
1. If the facility is already operating, what is the amount of energy produced by the facility, net of station use, for the most recent 12-month or calendar-year period? Energy production data for a shorter time period is acceptable for facilities that have not yet operated for a full year.	N/A
2. What entity does (or will) read the facility's energy production meter(s) for the purpose of issuing renewable energy certificates?	Virginia Electric Power Company d/b/a Dominion Energy North Carolina
3. For thermal energy facilities, describe the method to be used to determine the facility's thermal energy production, in BTUs, that is eligible for REC issuance.	N/A
4. Does the facility participate	

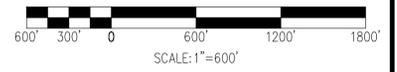
<p>in a REC tracking system and if so, which one? If not, which tracking system will the facility participate in for the purpose of REC issuance?</p>	<p>The Applicant anticipates participating in the North Carolina Renewable Tracking System.</p>
<p>5. If this facility has already been the subject of a proceeding or submittal before the Commission, such as a Report of Proposed Construction or a Certificate of Public Convenience and Necessity, please provide the Commission Docket Number, if available.</p>	<p>N/A</p>
<p>If the facility is a combined heat and power system, the owner shall also include in its registration statement the following information:</p>	
<p>1. A narrative description and one-line diagram of the electrical and thermal generation systems to include Btu meters, boilers, steam pressures, valves, turbines, and ultimate uses of the steam. Also, include any crossover of steam, cross connections (even if by spool piece), or the ability to supply steam from other means or to other loads.</p>	
<p>2. A description of the parasitic electrical and parasitic thermal loads.</p>	
<p>3. Calculations for the parasitic electrical and parasitic thermal loads and supporting documents.</p>	
<p>4. A description of the method of collecting the waste heat from the electrical generating system.</p>	
<p>5. A description of the host(s) of the waste heat and an explanation of how the waste heat will be used and useful.</p>	
<p>6. Calculations of the percent of energy that is delivered to the steam host(s) but not used and useful.</p>	
<p>7. Confirmation if the proposed operation will have any pressure reducing valves operating simultaneously in parallel with any back pressure turbines.</p>	
<p>If the facility owner intends to earn multiple types of RECs by using a variety of fuels, the owner should include in its registration statement the following additional information:</p>	
<p>1. Example calculations for the energy production associated with each fuel used by the family as required by the Appendix C (Multi-fuel Generation) to the operating procedures for the North</p>	

Carolina Renewable Energy Tracking System. These calculations must ultimately show the electrical and thermal energy (if any) attributable to only the renewable fuels and how the number of renewable energy certificates is determined.	
2. A description of each fuel to be used by the facility.	
3. A description of how the heat content of each fuel was determined.	

# Oak Trail Solar, LLC Registration Exhibit



 SOLAR ENERGY PRODUCTION FACILITY AREA



REV	DATE	REVISION DESCRIPTION	BY	CHK	APP

**wood.**  
WOOD  
ENVIRONMENT & INFRASTRUCTURE SOLUTIONS, INC.  
4021 STIRRUP CREEK DRIVE, SUITE 100  
DURHAM, NC 27703  
T: 919 381 9900 | WWW.WOODPLC.COM

 **First Solar.**  
FIRST SOLAR, LLC  
350 W WASHINGTON, SUITE 600  
TEMPE, AZ 85281  
PHONE: (602) 414-9300  
WWW.FIRSTSOLAR.COM

**NOT FOR CONSTRUCTION**

TITLE: OAK TRAIL SOLAR, LLC	
PROJECT: CURRITUCK COUNTY, NORTH CAROLINA, USA	
SHEET TITLE: CONCEPTUAL SITE PLAN	
PROJ. MGR. M. CROOK	PROJ. ENGR. R. HARDIN
PROJ. DIRECTOR TBD	DR. BY K.M.V. M.J.F.
PROJECT CODE OAK1	FIRST SOLAR JOB No. SYS-00XXX
DRAWING No. 1 OF 1	REV. A

THIS PUBLICATION CONTAINS VALUABLE PROPRIETARY AND CONFIDENTIAL INFORMATION OF FIRST SOLAR, INC. (FIRST SOLAR) WHICH RETAINS ALL COPYRIGHT RIGHTS TO IT UNDER 17 U.S.C. SECTION 106 AND IS PROTECTED BY U.S. AND INTERNATIONAL LAW. ANY REPRODUCTION, PREPARATION OF DERIVATIVE WORKS, DISTRIBUTION, PUBLIC PERFORMANCE OR DISPLAY, DISCLOSURE, AND/OR USE OF ALL, OR ANY PORTION, OF THIS PUBLICATION IN ANY FORM OR MEDIUM WITHOUT SPECIFIC WRITTEN AUTHORIZATION FROM FIRST SOLAR IS STRICTLY PROHIBITED.

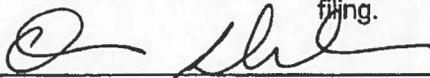
T:\67806\000660 - First Solar - Oak Trail Solar\Drawings\CAD\OAK-SITE PLAN FOOTPRINT.dwg Kenneth.veal Sep 03, 2020 - 7:18pm

The owner of the renewable energy facility shall provide the following attestations, signed and notarized:

1.  Yes  No I certify that the facility is in substantial compliance with all federal and state laws, regulations, and rules for the protection of the environment and conservation of natural resources.
2.  Yes  No I certify that the facility satisfies the requirements of G.S. 62-133.8(a)(5) or (7) as a:  
 renewable energy facility, or  
 new renewable energy facility,  
and that the facility will be operated as a:  
 renewable energy facility, or  
 new renewable energy facility.
3.  Yes  No I certify that 1) my organization is not simultaneously under contract with NC GreenPower to sell our RECs emanating from the same electricity production being tracked in NC-RETS; and

2) 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 (such as NC GreenPower) 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.

4.  Yes  No I certify that I consent to the auditing of my organization's books and records by the Public Staff insofar as those records relate to transactions with North Carolina electric power suppliers, and agree to provide the Public Staff and the Commission access to our books and records, wherever they are located, and to the facility.
5.  Yes  No I certify that the information provided is true and correct for all years that the facility has earned RECs for compliance with G.S. 62-133.8.
6.  Yes  No I certify that I am the owner of the renewable energy facility or am duly authorized to act on behalf of the owner for the purpose of this

  
(Signature) filing. <sup>DS</sup> 

OMAR ABOUDAHER  
(Name - Printed or Typed)

AUTHORIZED REPRESENTATIVE  
(Title)

9/9/2020  
(Date)

**VERIFICATION**

STATE OF Texas COUNTY OF  
Harris

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

WITNESS my hand and notarial seal, this 9<sup>th</sup> day of September, 2020

My Commission Expires:

3-31-2023

Chloe Hogan  
Signature of Notary Public

Chloe Hogan  
Name of Notary Public - Typed or Printed



The name of the person who completes and signs the annual certification must be typed or printed by the notary in the space provided in the verification. The notary's name must be typed or printed below the notary's seal. This original verification must be affixed to the original annual certification, and a copy of this verification must be affixed to each of the 15 copies that are also submitted to the Commission at:

Chief Clerk

North Carolina Utilities Commission 4325 Mail

Service Center Raleigh, North Carolina

27699-4325