#### BY ELECTRONIC SUBMISSION

July 27, 2016

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

> Re: Docket No. SP-5273, Sub 0 Pecan Solar, LLC – Amended Application for a Certificate of Public Convenience and Application to Register a New Renewable Energy Facility.

Dear Clerk Mount:

On June 17 and August 24, 2015 the North Carolina Utilities Commission issued an order granting á certificate and an amended certificate of public convenience and necessity for Pecan Solar, LLC respectively. Pecan Solar LLC is now requesting a second amended certificate of public convenience and necessity to include additional land parcels and changes of ownership, equipment selection, operation date and E911 address. An updated FERC for 556, Conditional Use Permit and Application for a New Renewable Energy Facility are also being submitted. Pecan Solar expects to receive an Amended Order requiring Publication of Notice.

In support of its amended application, Pecan Solar is providing information to the Commission that has changed from the previous filings:

1. Exhibit (1)(i)

Pecan Solar, LLC c/o EDF Renewable Energy 1925 Isaac Newton Square, Suite 280 Reston, VA 20190 Attn: Doug Copeland Tel. (703) 905-8110 Email: Doug.Copeland@edf-re.com

2. Exhibit (1)(ii)

Doug Copeland is an individual duly authorized to act as a corporate agent for the purpose of this application. Correspondence, documents, and filings pursuant to this application

should be sent as follows:

Pecan Solar, LLC c/o EDF Renewable Energy 1925 Isaac Newton Square, Suite 280 Reston, VA 20190 Attn: Doug Copeland Tel. (703) 905-8110 Email: Doug.Copeland@edf-re.com

3. Exhibit (1)(iii)

The leases signed by the following have been converted to purchase options:

- 1. Three acres from Mason Rodwell Howell III were purchased. The remaining 177 acres are still under lease.
- 2. Michael H. Wray and Philip L. Moncure
- 3. Michael H. Wray, Kay W. Wray, David M. Dunlow and Debra B. Dunlow

Additional leases have been signed with the following landowners:

- 1. Charles Daniel
- 2. Tony Munford
- 3. Joyce Dickerson
- 4. Gerald Hart
- 4. Exhibit (2)(i) Attachment 1 to Exhibit 2 is amended to show the existing and new landowners along with the location of the major equipment.
- 5. Exhibit (2)(ii) The E911 address is 289 Bethel Church Road, Pleasant Hill, Seaboard, NC in Northampton County. Latitude 36.489°, Longitude -77.482°
- Exhibit (3)(ii) The facility will consist of approximately two hundred, seventy thousand, four hundred and eighty (270,480) 330w to 370w photovoltaic (pv) modules affixed to single axis-tracking system and ground-mounted rack. The system will utilize thirty (30) 2.5 MW inverter. The Facility includes thirty (30) 645 v to 34.5 kv medium voltage transformers and one 34.5 kv to 115 kv step-up transformer and associated equipment.
- 7. Exhibit (3)(iv) The first phase of the Facility is project to come on line by March 30, 2018.
- 8. Exhibit (3)(ix) the projected year one annual sales of the facility is approximately 178,790,517 kWh/yr.
- 9. Exhibit (3) The applicant plans to produce renewable energy certificates that are eligible for compliance with North Carolina's renewable energy and energy efficiency portfolio standard.
- 10. Exhibit (4)(i) A portion of the site is a permitted use. A variance for the permitted use rules were requested and approved.

11. Exhibit (4)(ii) A copy of the Conditional Use Permit for a portion of the facility is attached. along with a copy of a revised FERC Form 556.

Sincerely, Doug Copeland Pecan Solar LLC

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Attachment 1 to Exhibit 2



#### NORTHAMPTON COUNTY ZONING DEPARTMENT

ZONING PERMIT # 201500751 PO Box 995 Jackson, NC 27845 (252) 534-1905

Application: 7384 Applic

Applicant:		<b>Application Date:</b>	07/14/2015
Owner:	TAYLOR, ELLIS W	Issue Date:	07/22/2015

Mailing Address: 214 ROLLINGWOOD RD **ROANOKE RAPIDS, NC 27870** 

Parcel # 0801078

911 Address: 289 BETHEL CHURCH RD

**Physical Location of Property:** 

Zoning District: AR

Description of Work: SOLAR FARM--Parcel #s 08-00080, 08-01094, 08-02420, 08-02768, 08-02280, 08-00823, 08-02009, 08-01078, 08-02770 **Existing Use**: **Proposed Use:** 

Permit Expiration Date: 07/21/2018 **Building Hgt:** Setbacks: FRONT 40' **RIGHT 30' LEFT 30' REAR** 50' \*\*\* SETBACKS HAVE BEEN APPROVED BASED ON SITE PLAN PROVIDED

This permit does not give the permit holder the right to occupy or use the structure, or land, for which the permit has been approved for. Occupancy or use shall only be permitted after a Certificate of Compliance has been issued by the Northampton County Zoning Office. The issuance of a Certificate of Compliance does not negate the requirement of a Certificate of Occupancy from the Northampton County Building Inspections Office when applicable.

Signature of Zoning Official

 $\frac{10}{30}$  2015 Date

#### BEFORE THE NORTH CAROLINA UTILITIES COMMISSSION

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In the Matter of the Application of Pecan Solar, LLC for an amended Certificate of Convenience and Public Necessity and Application as a New Renewable Energy Facility

VERIFICATION

I, Doug Copeland, Registered Agent of Pecan Solar, LLC, a North Carolina limited liability company, verify that the contents of the amended Application for a Certificate of Public Necessity and Convenience and Application for a New Renewable Energy Facility filed in this docket are true to the best of my knowledge. I am duly authorized to act on behalf of said limited liability company.

Doug Copeland

Sworn to and subscribed before me, this the  $\cancel{1}$  day of July, 2016.

Notary Public (signature)

My Commission Expires:

(Typed/ Printed Name)

COMMONWEALTH OF PENNSYLVANIA NOTARIAL SEAL SUZANNE J. MORRISON, Notary Public

SUZANNE J. MORRISON, Notary Public Whitpain Twp., Montgomery County My Commission Expires April 2, 2017

### Application to Register a Renewable Energy Facility or New Renewable Energy Facility Pursuant to Rule R8-66

Please complete the form, print it, have it signed, and notarized, and make 9 copies and send them to the Chief Clerk of the Commission.

You may also file this application electronically; please see www.ncuc.net/electronic filing.html for instructions. Be sure to attach additional information, such as maps, as required.

Applicants should consult Rule R8-66 while completing this form in order to ensure they provide sufficient information.

1	Facility name:	Pecan Solar	
2	Full and correct name of the owner of the facility:	Pecan Solar LLC	
3	Business address:	1925 Isaac Newton Square, Suite 280 Reston, VA 20190	
4	Electronic mailing address:	doug.copeland@edf-re.com	
5	Telephone number:	703-905-8110	
6	Owner's agent for purposes of this application, if applicable:	Same as above	
7	Agent's business address:		
8	Agent's electronic mailing address:		
9	Agent's telephone number:		
10	The owner is:	Individual Partnership Corporation/LLC	
11	If a corporation, state and date of incorporation:	State Date	
12	If a corporation that is incorporated outside of North Carolina, is it domesticated in North Carolina?	YES NO	
13	If a partnership, the name and business address of each general partner. (Add additional sheets if necessary.)		

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14	Nature of the renewable energy facility:	Solar photovoltaic
15	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 two hundred, seventy thousand, four hundred and eighty 330w to 370w photovoltaic (pv) modules affixed to single axis-tracking system and ground-mounted rack. The system will utilize thirty 2.5 MW inverter, thirty (30) medium voltage transformers and one step-up transformer and associated equipment.
16	Whether it produces electricity, useful thermal energy, or both:	electricity
17	Nameplate capacity in kW/MW (AC) and/or maximum Btu per hour for thermal facilities:	74,900 kw (AC)
18	The facility's projected dependable capacity in kW AC and/or Btu/hour:	74,000 kw (AC)
19	The E911 address of the facility:	289 Bethel Church Road, Pleasant Hill, Seaboard, NC
20	The county where the facility will be located:	Northampton
21	GPS coordinates for the center of the facility's site:	Latitude 36.489°, Longitude -77.482°
22	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.	The facility is located approximately 2 miles west of Seaboard, NC off of Bethel Church Road. See attached arial map.
22	The site owner:	Daniel, Mumford, Howell, Flythe Land Holdings, Porter, Dunlow, Taylor, Wray & Moncure, Dickerson, Hart
23	What is the facility owner's legal interest in the site?	Purchase and lease options
List and turb one	the federal and state approvals that attach copies of those that have bee ines, where each turbine is licensed such turbine but shall add an attesta	are required to build and/or operate this facility, en obtained. Wind facilities with multiple separately, may provide copies of approvals for ation that approvals for all of the turbines are

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ava	ailable for inspection.	
24	Federal permits and licenses:	None Required.
25	State permits and licenses:	North Carolina Dept of Envirnmental and Natural Resouces (NCDENR) - Approval of erosion and sedimentation control plans and Stormwater Management.
26	Exemptions required for construction and operation of the facility:	None Required.
27	Statement of whether each permit or exemption has been obtained or applied for (attach a copy of those that have been obtained with this application):	
28	If the facility has been placed into service, on what date did the facility begin operating?	
29	If the facility is not yet operating, on what date is the facility projected to be placed into service?	03/30/2018
30	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.	
31	What entity does (or will) read the facility's energy production meter(s) for the purpose of issuing renewable energy certificates?	PJM Interconnection, L.L. C. will read the facility's energy production meter for the prupose of issuing renewable energy certificates.

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32	For thermal energy facilities, describe the method to be used to determine the facility's thermal energy production, in Btus per hour, that will be eligible for REC issuance. (Add sheets if necessary.)	NA
33	Does the facility participate 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?	NC RETS
34	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.	SP-5273, Sub 0
If th	he facility is a combined heat and print for the following information	ower system, the owner shall also include in its
35	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.	NA
36	A description of the parasitic electrical and parasitic thermal loads. (Add sheets if necessary.)	NA
37	Calculations for the energy used by the parasitic electrical and parasitic thermal loads, with supporting documents. (Add sheets as necessary.)	NA

38	A description of the method of collecting the waste heat from the electrical generating system. (Add sheets as necessary.)	NA
39	A description of the host(s) of the waste heat and an explanation of how the waste heat will be used and useful.	NA
40	Calculations of the percent of energy that is delivered to the system host(s) but not used and useful.	NA
41	Confirmation if the proposed operation have any pressure- reducing valves operating simultaneously in parallel with any back-pressure turbines?	NA
If th the info	e facility owner intends to earn multi owner should include in its registrati rmation:	ple types of RECs by using a variety of fuels, on statement the following additional
42	Example calculations for the energy production associated with each fuel used by the facility as required by Appendix C (Multi-fuel Generation) to the Operating Procedures for the North 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 would be determined.	NA
43	Describe each fuel to be used by the facility:	NA
44	Describe how the heat content of each fuel is or will be determined for the purpose of issuing renewable energy certificates:	NA

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

1. No I certify that the facility is in substantial compliance with all federal Yes 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. No Yes I certify that 1) my organization is not simultaneously under contract with NC GreenPower to sell 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. 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. I certify that the information provided is true and correct for all years 5. No es that the facility has earned RECs for compliance with G.S. 62-133.8. I certify that I am the owner of the renewable energy facility or am es No duly authorized to act on behalf of the owner for the purpose of this filing. Manager (Signature) (Title) Doug Copeland 7-27-16 (Date) (Name - Printed or Typed)





#### VERIFICATION

ennsifiania country of Philadelphia STATE OF <u>first duly sworn, says that the facts stated in the foregoing application and any</u> exhibits, documents, and statements thereto attached are true as he or she believes. 20/6. WITNESS my hand and notarial seal, this day of My Commission Expires: \_\_\_\_\_ 4-2 OMMONWEALTH OF PENNSYLVANIA Signature of Notary Public NOTARIAL SEAL SUZANNE J. MORRISON, Notary Public Whitpain Twp., Montgomery County My Commission Expires April 2, 2017 annel.Y

Name of Notary Public – Typed or Printed

The name of the person who completes and signs the application 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 application, and a copy of this verification must be affixed to each of the 15 copies that are also submitted to the Commission. OFFICIAL COP

#### FEDERAL ENERGY REGULATORY COMMISSION WASHINGTON, DC

OMB Control # 1902-0075 Expiration 06/30/2019

Form 556 Certification of Qualifying Facility (QF) Status for a Small Power Production or Cogeneration Facility

#### General

Questions about completing this form should be sent to Form556@ferc.gov. Information about the Commission's QF program, answers to frequently asked questions about QF requirements or completing this form, and contact information for QF program staff are available at the Commission's QF website, www.ferc.gov/QF. The Commission's QF website also provides links to the Commission's QF regulations (18 C.F.R. § 131.80 and Part 292), as well as other statutes and orders pertaining to the Commission's QF program.

#### Who Must File

Any applicant seeking QF status or recertification of QF status for a generating facility with a net power production capacity (as determined in lines 7a through 7g below) greater than 1000 kW must file a self-certification or an application for Commission certification of QF status, which includes a properly completed Form 556. Any applicant seeking QF status for a generating facility with a net power production capacity 1000 kW or less is exempt from the certification requirement, and is therefore not required to complete or file a Form 556. See 18 C.F.R. § 292.203.

#### How to Complete the Form 556

This form is intended to be completed by responding to the items in the order they are presented, according to the instructions given. If you need to back-track, you may need to clear certain responses before you will be allowed to change other responses made previously in the form. If you experience problems, click on the nearest help button ( 🕋 ) for assistance, or contact Commission staff at Form556@ferc.gov.

Certain lines in this form will be automatically calculated based on responses to previous lines, with the relevant formulas shown. You must respond to all of the previous lines within a section before the results of an automatically calculated field will be displayed. If you disagree with the results of any automatic calculation on this form, contact Commission staff at Form556@ferc.gov to discuss the discrepancy before filing.

You must complete all lines in this form unless instructed otherwise. Do not alter this form or save this form in a different format. Incomplete or altered forms, or forms saved in formats other than PDF, will be rejected.

#### How to File a Completed Form 556

Applicants are required to file their Form 556 electronically through the Commission's eFiling website (see instructions on page 2). By filing electronically, you will reduce your filing burden, save paper resources, save postage or courier charges, help keep Commission expenses to a minimum, and receive a much faster confirmation (via an email containing the docket number assigned to your facility) that the Commission has received your filing.

If you are simultaneously filing both a waiver request and a Form 556 as part of an application for Commission certification, see the "Waiver Requests" section on page 3 for more information on how to file.

#### Paperwork Reduction Act Notice

This form is approved by the Office of Management and Budget. Compliance with the information requirements established by the FERC Form No. 556 is required to obtain or maintain status as a QF. See 18 C.F.R. § 131.80 and Part 292. An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. The estimated burden for completing the FERC Form No. 556, including gathering and reporting information, is as follows: 3 hours for self-certification of a small power production facility, 8 hours for self-certifications of a cogeneration facility, 6 hours for an application for Commission certification of a small power production facility, and 50 hours for an application for Commission certification of a cogeneration facility. Send comments regarding this burden estimate or any aspect of this collection of information, including suggestions for reducing this burden, to the following: Information Clearance Officer, Office of the Executive Director (ED-32), Federal Energy Regulatory Commission, 888 First Street N.E., Washington, DC 20426 (DataClearance@ferc.gov); and Desk Officer for FERC, Office of Information and Regulatory Affairs, Office of Management and Budget, Washington, DC 20503 (oira\_submission@omb.eop.gov). Include the Control No. 1902-0075 in any correspondence.

FERC Form 556

#### Electronic Filing (eFiling)

To electronically file your Form 556, visit the Commission's QF website at www.ferc.gov/QF and click the eFiling link.

If you are eFiling your first document, you will need to register with your name, email address, mailing address, and phone number. If you are registering on behalf of an employer, then you will also need to provide the employer name, alternate contact name, alternate contact phone number and and alternate contact email.

Once you are registered, log in to eFiling with your registered email address and the password that you created at registration. Follow the instructions. When prompted, select one of the following QF-related filing types, as appropriate, from the Electric or General filing category.

Filing category	Filing Type as listed in eFiling	Description
	(Fee) Application for Commission Cert. as Cogeneration QF	Use to submit an application for Commission certification or Commission recertification of a cogeneration facility as a QF.
	(Fee) Application for Commission Cert. as Small Power QF	Use to submit an application for Commission certification or Commission recertification of a small power production facility as a QF.
	Self-Certification Notice (QF, EG, FC)	Use to submit a notice of self- certification of your facility (cogeneration or small power production) as a QF.
Electric	Self-Recertification of Qualifying Facility (QF)	Use to submit a notice of self- recertification of your facility (cogeneration or small power production) as a QF.
	Supplemental Information or Request	Use to correct or supplement a Form 556 that was submitted with errors or omissions, or for which Commission staff has requested additional information. Do <i>not</i> use this filing type to report new changes to a facility or its ownership; rather, use a self- recertification or Commission recertification to report such changes.
General	(Fee) Petition for Declaratory Order (not under FPA Part 1)	Use to submit a petition for declaratory order granting a waiver of Commission QF regulations pursuant to 18 C.F.R. §§ 292.204(a) (3) and/or 292.205(c). A Form 556 is not required for a petition for declaratory order unless Commission recertification is being requested as part of the petition.

You will be prompted to submit your filing fee, if applicable, during the electronic submission process. Filing fees can be paid via electronic bank account debit or credit card.

During the eFiling process, you will be prompted to select your file(s) for upload from your computer.

#### **Filing Fee**

No filing fee is required if you are submitting a self-certification or self-recertification of your facility as a QF pursuant to 18 C.F.R. § 292.207(a).

A filing fee is required if you are filing either of the following:

(1) an application for Commission certification or recertification of your facility as a QF pursuant to 18 C.F.R. § 292.207(b), or (2) a petition for declaratory order granting waiver pursuant to 18 C.F.R. §§ 292.204(a)(3) and/or 292.205(c).

The current fees for applications for Commission certifications and petitions for declaratory order can be found by visiting the Commission's QF website at <u>www.ferc.gov/QF</u> and clicking the Fee Schedule link.

You will be prompted to submit your filing fee, if applicable, during the electronic filing process described on page 2.

#### Required Notice to Utilities and State Regulatory Authorities

Pursuant to 18 C.F.R. § 292.207(a)(ii), you must provide a copy of your self-certification or request for Commission certification to the utilities with which the facility will interconnect and/or transact, as well as to the State regulatory authorities of the states in which your facility and those utilities reside. Links to information about the regulatory authorities in various states can be found by visiting the Commission's QF website at <a href="https://www.ferc.gov/QF">www.ferc.gov/QF</a> and clicking the Notice Requirements link.

#### What to Expect From the Commission After You File

An applicant filing a Form 556 electronically will receive an email message acknowledging receipt of the filing and showing the docket number assigned to the filing. Such email is typically sent within one business day, but may be delayed pending confirmation by the Secretary of the Commission of the contents of the filing.

An applicant submitting a self-certification of QF status should expect to receive no documents from the Commission, other than the electronic acknowledgement of receipt described above. Consistent with its name, a self-certification is a certification *by the applicant itself* that the facility meets the relevant requirements for QF status, and does not involve a determination by the Commission as to the status of the facility. An acknowledgement of receipt of a self-certification, in particular, does not represent a determination by the Commission with regard to the QF status of the facility. An applicant self-certifying may, however, receive a rejection, revocation or deficiency letter if its application is found, during periodic compliance reviews, not to comply with the relevant requirements.

An applicant submitting a request for Commission certification will receive an order either granting or denying certification of QF status, or a letter requesting additional information or rejecting the application. Pursuant to 18 C.F.R. § 292.207(b)(3), the Commission must act on an application for Commission certification within 90 days of the later of the filing date of the application or the filing date of a supplement, amendment or other change to the application.

#### Waiver Requests

18 C.F.R. § 292.204(a)(3) allows an applicant to request a waiver to modify the method of calculation pursuant to 18 C.F.R. § 292.204(a)(2) to determine if two facilities are considered to be located at the same site, for good cause. 18 C.F.R. § 292.205(c) allows an applicant to request waiver of the requirements of 18 C.F.R. §§ 292.205(a) and (b) for operating and efficiency upon a showing that the facility will produce significant energy savings. A request for waiver of these requirements must be submitted as a petition for declaratory order, with the appropriate filing fee for a petition for declaratory order. Applicants requesting Commission recertification as part of a request for waiver of one of these requirements should electronically submit their completed Form 556 along with their petition for declaratory order, rather than filing their Form 556 as a separate request for Commission recertification. Only the filing fee for the petition for declaratory order must be paid to cover both the waiver request and the request for recertification *if such requests are made simultaneously*.

18 C.F.R. § 292.203(d)(2) allows an applicant to request a waiver of the Form 556 filing requirements, for good cause. Applicants filing a petition for declaratory order requesting a waiver under 18 C.F.R. § 292.203(d)(2) do not need to complete or submit a Form 556 with their petition.

#### Geographic Coordinates

If a street address does not exist for your facility, then line 3c of the Form 556 requires you to report your facility's geographic coordinates (latitude and longitude). Geographic coordinates may be obtained from several different sources. You can find links to online services that show latitude and longitude coordinates on online maps by visiting the Commission's QF webpage at <u>www.ferc.gov/QF</u> and clicking the Geographic Coordinates link. You may also be able to obtain your geographic coordinates from a GPS device, Google Earth (available free at <u>http://earth.google.com</u>), a property survey, various engineering or construction drawings, a property deed, or a municipal or county map showing property lines.

#### Filing Privileged Data or Critical Energy Infrastructure Information in a Form 556

The Commission's regulations provide procedures for applicants to either (1) request that any information submitted with a Form 556 be given privileged treatment because the information is exempt from the mandatory public disclosure requirements of the Freedom of Information Act, 5 U.S.C. § 552, and should be withheld from public disclosure; or (2) identify any documents containing critical energy infrastructure information (CEII) as defined in 18 C.F.R. § 388.113 that should not be made public.

If you are seeking privileged treatment or CEII status for any data in your Form 556, then you must follow the procedures in 18 C.F.R. § 388.112. See <u>www.ferc.gov/help/filing-guide/file-ceii.asp</u> for more information.

Among other things (see 18 C.F.R. § 388.112 for other requirements), applicants seeking privileged treatment or CEII status for data submitted in a Form 556 must prepare and file both (1) a complete version of the Form 556 (containing the privileged and/or CEII data), and (2) a public version of the Form 556 (with the privileged and/or CEII data redacted). Applicants preparing and filing these different versions of their Form 556 must indicate below the security designation of this version of their document. If you are *not* seeking privileged treatment or CEII status for any of your Form 556 data, then you should not respond to any of the items on this page.

Non-Public: Applicant is seeking privileged treatment and/or CEII status for data contained in the Form 556 lines
 indicated below. This non-public version of the applicant's Form 556 contains all data, including the data that is redacted in the (separate) public version of the applicant's Form 556.

**Public (redacted):** Applicant is seeking privileged treatment and/or CEII status for data contained in the Form 556 lines indicated below. This public version of the applicants's Form 556 contains all data <u>except</u> for data from the lines indicated below, which has been redacted.

Privileged: Indicate below which lines of your form contain data for which you are seeking privileged treatment

Critical Energy Infrastructure Information (CEII): Indicate below which lines of your form contain data for which you are seeking CEII status

The eFiling process described on page 2 will allow you to identify which versions of the electronic documents you submit are public, privileged and/or CEII. The filenames for such documents should begin with "Public", "Priv", or "CEII", as applicable, to clearly indicate the security designation of the file. Both versions of the Form 556 should be unaltered PDF copies of the Form 556, as available for download from www.ferc.gov/QF. To redact data from the public copy of the submittal, simply omit the relevant data from the Form. For numerical fields, leave the redacted fields blank. For text fields, complete as much of the field as possible, and replace the redacted portions of the field with the word "REDACTED" in brackets. Be sure to identify above <u>all</u> fields which contain data for which you are seeking non-public status.

The Commission is not responsible for detecting or correcting filer errors, including those errors related to security designation. If your documents contain sensitive information, make sure they are filed using the proper security designation.

OFFICIAL COPY

#### FEDERAL ENERGY REGULATORY COMMISSION WASHINGTON, DC

Pecan Solar LI	cant (legal entity on whose behalf quality C	ying facility statu	s is sought for this facility)
<b>1b Applicant street a</b> 1925 Isaac New	<b>ddress</b> ton Square, Suite 280		
1c City Reston		<b>1d</b> State/provi VA	nce
<b>1e</b> Postal code 20190	<b>1f</b> Country (if not United States)	1	<b>1g</b> Telephone number (703) 905-8110
1h Has the instant facility ever previously been certified as a QF? Yes 🛛 No 🗌			
1i If yes, provide the c	ocket number of the last known QF filin	g pertaining to th	is facility: QF15 - 668 - 000
1j Under which certifi	cation process is the applicant making th	nis filing?	
Notice of self-cer (see note below)	tification $\Box_{\mathrm{fe}}^{\mathrm{A}}$	pplication for Co ee; see "Filing Fee	mmission certification (requires filing " section on page 3)
Note: a notice of sel QF status. A notic notice of self-certi section on page 3	-certification is a notice by the applicant e of self-certification does not establish a fication to verify compliance. See the "W for more information.	itself that its faci proceeding, and /hat to Expect Fro	lity complies with the requirements for I the Commission does not review a om the Commission After You File"
1k What type(s) of QF	status is the applicant seeking for its fac	ility? (check all th	at apply)
Qualifying small	power production facility status	ualifying cogene	ration facility status
11 What is the purpose	and expected effective date(s) of this fil	ing?	17 T T T
Original certificat	ion; facility expected to be installed by	ar	id to begin operation on
Change(s) to a pr	eviously certified facility to be effective of of change(s) holew, and describe change	$\frac{7/20/16}{20}$	produc conting starting on page 10)
Mama change	and (or other administrative change)		aneous section starting on page 19)
Change(s) affe	ecting plant equipment, fuel use, power	production capad	tity and/or cogeneration thermal output
Supplement or correction to a previous filing submitted on			
(describe the sup	Diement of correction in the Miscellaneo	us section startin	g on page 19)
1m If any of the follow to the extent possi	ing three statements is true, check the b ble, explaining any special circumstance:	ox(es) that descri s in the Miscellan	be your situation and complete the forr eous section starting on page 19.
previously gran orders in the Mi	ity complies with the Commission's QF r ted by the Commission in an order date scellaneous section starting on page 19)	equirements by v d	(specify any other relevant waiver
The instant faci	ity would comply with the Commission's th this application is granted	s QF requirement	s if a petition for waiver submitted
The instant facil	ity complies with the Commission's regu	llations, but has s	pecial circumstances, such as the

FE	RC Form 556				Page 6 - All Facilities	s
	2a Name of contact person			2b Telephone	number	]
	Doug Copeland			(703) 905	-8110	
	2c Which of the following describes the contact person's relationship to the applicant? (check one)					1
	Applicant (self) 🔀 Emplo	Applicant (self) Employee, owner or partner of applicant authorized to represent the applicant				
lo	Employee of a company affiliated with the applicant authorized to represent the applicant on this matter					
ati	Lawyer, consultant, or other representative authorized to represent the applicant on this matter					
E	2d Company or organization name (	(if applicant is an individu	al check here and	' skin to line 2e)[	· · · · · · · · · · · · · · · · · · ·	1
lo	EDF Renewable Energy					
t	2e Street address (if same as Applicant, check here and skip to line 3a) M					es
tac	Street dudress (insume us reprice	ing check here and ship to				0
bu						
Ŭ	2f City		2a State/provi	nce		1
	as City		ag successor			
	2h Postal code	2i Country (if not United	States)			1
		ar country (in not office	Juci			
	<b>3a</b> Facility name					
no	Pecan Solar					
atio	3b Street address (if a street address	does not exist for the fac	ility check here a	nd skip to line 3c		es.
00	289 Bethel Church Road,	Pleasant Hill, Sea	aboard, NC	na snip to inic se,	- Innered	V
ЧГ	,	,	,			
ication an	3c Geographic coordinates: If you in then you must specify the latitude the following formula to convert degrees + (minutes/60) + (second provided a street address for you	dicated that no street add e and longitude coordina to decimal degrees from ds/3600). See the "Geogr r facility in line 3b, then sp	dress exists for yo tes of the facility i degrees, minutes raphic Coordinate pecifying the geod	ur facility by cheo in degrees (to thr and seconds: de ss" section on pag graphic coordina	king the box in line 3b, ee decimal places). Use cimal degrees = ge 4 for help. If you tes below is optional.	
dentif	Longitude 🗌 East (+) 77 📉 West (-)	. 482 degrees	Latitude	North (+)	36.489 degrees	
Ую	3d City (if unincorporated, check her	e and enter nearest city)	3e State/pr	ovince		
ilit	Seaboard		NC			
ac	3f County (or check here for indepen	ident city) 📋 🛛 3g	Country (if not	United States)		62
	Northampton					
	Identify the electric utilities that are co	ontemplated to transact v	vith the facility.			
es	4a Identify utility interconnecting wit	th the facility				
iliti	Dominion North Carolina 1	Power				
ig Uti	4b Identify utilities providing wheeling	ng service or check here il	fnone 🛛			0
ısactir	<b>4c Identify utilities purchasing the us</b> TBD	eful electric power outpu	t or check here if	none 🔄		0
Trar	4d Identify utilities providing supplementary power, backup power, maintenance power, and/or interruptible power service or check here if none			0		

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direct owners hold at least 10 percent equity intere two direct owners with the largest equity intere	st in the facility. Electric utility or If Yes,
Full legal names of dir	holding % equivers
1) EDF Renewable Energy, Inc.	
2)	Yes No No
3)	Yes 🗍 No 🦳
4)	Yes 🗌 No 🗍
5)	Yes 🗍 No 🧻
6)	Yes 🗌 No 🗍
7)	Yes 🗌 No 🗌
8)	Yes 🗌 No 🛄
9)	Yes 🗌 No 📃
10)	Yes 🗍 No 🦳
<ul> <li>Check here and continue in the Miscellaneo</li> <li>5b Upstream (i.e., indirect) ownership as of effective of the facility that both (1) hold at least 10 percedefined in section 3(22) of the Federal Power Act 1262(8) of the Public Utility Holding Company A equity interest in the facility held by such owner another, total percent equity interest reported matching</li> </ul>	bus section starting on page 19 if additional space is needed e date or operation date: Identify all upstream (i.e., indirect) owner nt equity interest in the facility, and (2) are electric utilities, as t (16 U.S.C. 796(22)), or holding companies, as defined in section ct of 2005 (42 U.S.C. 16451(8)). Also provide the percentage of s. (Note that, because upstream owners may be subsidiaries of on hav exceed 100 percent.)
<ul> <li>Check here and continue in the Miscellaneous</li> <li>Upstream (i.e., indirect) ownership as of effective of the facility that both (1) hold at least 10 percedefined in section 3(22) of the Federal Power Act 1262(8) of the Public Utility Holding Company A equity interest in the facility held by such owner another, total percent equity interest reported m Check here if no such upstream owners exist.</li> </ul>	bus section starting on page 19 if additional space is needed e date or operation date: Identify all upstream (i.e., indirect) owner int equity interest in the facility, and (2) are electric utilities, as t (16 U.S.C. 796(22)), or holding companies, as defined in section ct of 2005 (42 U.S.C. 16451(8)). Also provide the percentage of s. (Note that, because upstream owners may be subsidiaries of on hay exceed 100 percent.) % equity
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<ul> <li>Check here and continue in the Miscellaneous</li> <li>5b Upstream (i.e., indirect) ownership as of effective of the facility that both (1) hold at least 10 percedefined in section 3(22) of the Federal Power Act 1262(8) of the Public Utility Holding Company A equity interest in the facility held by such owner another, total percent equity interest reported in Check here if no such upstream owners exist.</li> <li>Full legal names of electric utility</li> <li>1) EDF Energies Nouvelles S. A.</li> <li>2) Electricite de France S. A.</li> </ul>	bus section starting on page 19 if additional space is needed e date or operation date: Identify all upstream (i.e., indirect) owner int equity interest in the facility, and (2) are electric utilities, as t (16 U.S.C. 796(22)), or holding companies, as defined in section ct of 2005 (42 U.S.C. 16451(8)). Also provide the percentage of s. (Note that, because upstream owners may be subsidiaries of on hay exceed 100 percent.) or holding company upstream owners 100 100
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Check here and continue in the Miscellaneous of the facility that both (1) hold at least 10 percendefined in section 3(22) of the Federal Power Act 1262(8) of the Public Utility Holding Company A equity interest in the facility held by such owner another, total percent equity interest reported in Check here if no such upstream owners exist.          Full legal names of electric utility         1) EDF Energies Nouvelles S. A.         2) Electricite de France S. A.         3) French government         4)         5)         6)         7)         9)	pus section starting on page 19 if additional space is needed         e date or operation date: Identify all upstream (i.e., indirect) owner         nt equity interest in the facility, and (2) are electric utilities, as         t (16 U.S.C. 796(22)), or holding companies, as defined in section         ct of 2005 (42 U.S.C. 16451(8)). Also provide the percentage of         s. (Note that, because upstream owners may be subsidiaries of on         nay exceed 100 percent.)         or holding company upstream owners         100         84.5
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-	-								
	6a	Describe	the primary energy input: (c	heck one ma	ain c	ategory and, if applicable	, one subcate	gory)	
		Bioma	ass (specify)	R	ene	wable resources (specify)	🗌 Geot	hermal	
			Landfill gas			Hydro power - river	🗌 Fossi	l fuel (spe	cify)
			Manure digester gas			Hydro power - tidal		Coal (not	waste)
			Municipal solid waste			Hydro power - wave		Fuel oil/c	liesel
			Sewage digester gas		$\boxtimes$	Solar - photovoltaic		Natural g	as (not waste)
			Wood			Solar - thermal		Other fos	sil fuel
			Other biomass (describe on	ı page 19)		Wind		(describe	on page 19)
		U Waste	(specify type below in line (	6b)		Other renewable resourc (describe on page 19)	e 🗌 Other	· (describe	on page 19)
	6b	If you spe	cified "waste" as the primary	y energy inp	ut in	line 6a, indicate the type	of waste fuel	used: (che	eck one)
		Wast	te fuel listed in 18 C.F.R. § 29	92.202(b) (sp	ecify	one of the following)			
			Anthracite culm produced	d prior to July	/ 23,	1985			
			Anthracite refuse that has ash content of 45 percent	an average l or more	heat	content of 6,000 Btu or le	ess per pound	and has a	in average
			Bituminous coal refuse that average ash content of 25	at has an ave percent or n	rage nore	e heat content of 9,500 Bt	u per pound o	or less and	l has an
nput	Top or bottom subbituminous coal produced on Federal lands or on Indian lands that has been determined to be waste by the United States Department of the Interior's Bureau of Land Management (BLM) or that is located on non-Federal or non-Indian lands outside of BLM's jurisdiction, provided that the applicant shows that the latter coal is an extension of that determined by BLM to be waste							een lanagement ovided that ste	
nergy l	Coal refuse produced on Federal lands or on Indian lands that has been determined to be waste by the BLM or that is located on non-Federal or non-Indian lands outside of BLM's jurisdiction, provided that applicant shows that the latter is an extension of that determined by BLM to be waste						vaste by the wided that		
ш			Lignite produced in associ as a result of such a mining	ation with th g operation	ne pi	roduction of montan wax	and lignite th	at becom	es exposed
			Gaseous fuels (except natu	ural gas and s	synt	hetic gas from coal) (desc	ribe on page	19)	
			Waste natural gas from gas C.F.R. § 2.400 for waste nat compliance with 18 C.F.R.	s or oil wells tural gas; inc § 2.400)	(de: lude	scribe on page 19 how the with your filing any mate	e gas meets tl erials necessa	ne require ry to demo	ments of 18 onstrate
			Materials that a governme	nt agency ha	as ce	ertified for disposal by con	nbustion (des	cribe on p	age 19)
			Heat from exothermic read	tions (descri	be d	on page 19)	Residual heat	t (describe	e on page 19)
			Used rubber tires	] Plastic ma	teria	als 🗌 Refinery o	ff-gas	Petro	oleum coke
	Other waste energy input that has little or no commercial value and exists in the absence of the qualifying facility industry (describe in the Miscellaneous section starting on page 19; include a discussion of the fuel's lack of commercial value and existence in the absence of the qualifying facility industry)							ualifying <sup>f</sup> the fuel's	
	<b>6c</b> Provide the average energy input, calculated on a calendar year basis, in terms of Btu/h for the following fossil fuel energy inputs, and provide the related percentage of the total average annual energy input to the facility (18 C.F.R. § 292.202(j)). For any oil or natural gas fuel, use lower heating value (18 C.F.R. § 292.202(m)).					g fossil fuel ity (18 C.F.R. §			
			Fuel	Ann inpi	ual ut fo	average energy or specified fuel	Percentage annual energ	of total 3y input	
			Natural gas			0 Btu/h		0 %	
			Oil-based fuels			0 Btu/h		0 %	
			Coal			0 Btu/h		0 %	

Indicate the maximum gross and maximum net electric power production capacity of the facility at delivery by completing the worksheet below. Respond to all items. If any of the parasitic loads and, lines 7b through 7e are negligible, enter zero for those lines.	the point(s) of /or losses identified in
<b>7a</b> The maximum gross power production capacity at the terminals of the individual generator(s) under the most favorable anticipated design conditions	75,000 <b>kW</b>
<b>7b</b> Parasitic station power used at the facility to run equipment which is necessary and integral to the power production process (boiler feed pumps, fans/blowers, office or maintenance buildings directly related to the operation of the power generating facility, etc.). If this facility includes non-power production processes (for instance, power consumed by a cogeneration facility's thermal host), do not include any power consumed by the non-power production activities in your	
reported parasitic station power.	o kW
7c Electrical losses in interconnection transformers	500 <b>kW</b>
7d Electrical losses in AC/DC conversion equipment, if any	o kW
<b>7e</b> Other interconnection losses in power lines or facilities (other than transformers and AC/DC conversion equipment) between the terminals of the generator(s) and the point of interconnection with the utility	500 <b>kW</b>
<b>7f</b> Total deductions from gross power production capacity = $7b + 7c + 7d + 7e$	1,000.0 kW
<b>7g</b> Maximum net power production capacity = 7a - 7f	74,000.0 <b>kW</b>

7h Description of facility and primary components: Describe the facility and its operation. Identify all boilers, heat recovery steam generators, prime movers (any mechanical equipment driving an electric generator), electrical generators, photovoltaic solar equipment, fuel cell equipment and/or other primary power generation equipment used in the facility. Descriptions of components should include (as applicable) specifications of the nominal capacities for mechanical output, electrical output, or steam generation of the identified equipment. For each piece of equipment identified, clearly indicate how many pieces of that type of equipment are included in the plant, and which components are normally operating or normally in standby mode. Provide a description of how the components operate as a system. Applicants for cogeneration facilities do not need to describe operations of systems that are clearly depicted on and easily understandable from a cogeneration facility's attached mass and heat balance diagram; however, such applicants should provide any necessary description needed to understand the sequential operation of the facility depicted in their mass and heat balance diagram. If additional space is needed, continue in the Miscellaneous section starting on page 19.

The facility is a single-axis tracking, ground mounted solar system consisting of approximately two hundred, seventy thousand, four hundred and eighty (270,480) 330w to 370w photovoltaic (pv) modules, thirty (30) 2.5 MW inverters, thirty 645 v to 34.5 kv transformer and one 34.5 to 115 kv step-up transformer and associated equipment.

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#### Information Required for Small Power Production Facility

If you indicated in line 1k that you are seeking qualifying small power production facility status for your facility, then you must respond to the items on this page. Otherwise, skip page 10.

	Pursuant to 18 C.F.R. § 292.204(a), the power production capacity of any small power production facility, together with the power production capacity of any other small power production facilities that use the same energy resource, are owned by the same person(s) or its affiliates, and are located at the same site, may not exceed 80 megawatts. To demonstrate compliance with this size limitation, or to demonstrate that your facility is exempt from this size limitation under the Solar, Wind, Waste, and Geothermal Power Production Incentives Act of 1990 (Pub. L. 101-575, 104 Stat. 2834 (1990) <i>as amended by</i> Pub. L. 102-46, 105 Stat. 249 (1991)), respond to lines 8a through 8e below (as applicable).
	<b>8a</b> Identify any facilities with electrical generating equipment located within 1 mile of the electrical generating equipment of the instant facility, and for which any of the entities identified in lines 5a or 5b, or their affiliates, holds at least a 5 percent equity interest.
JCE	Check here if no such facilities exist.
oliar ons	Facility locationRoot docket #Maximum net power(city or county, state)(if any)Common owner(s)production capacity
oml tati	1)QFkW
Ŭ, Ŭ	2)QFkW
n o Ce L	3) QFkW
atio Siz	Check here and continue in the Miscellaneous section starting on page 19 if additional space is needed
Certific wit	<ul> <li>8b The Solar, Wind, Waste, and Geothermal Power Production Incentives Act of 1990 (Incentives Act) provides exemption from the size limitations in 18 C.F.R. § 292.204(a) for certain facilities that were certified prior to 1995. Are you seeking exemption from the size limitations in 18 C.F.R. § 292.204(a) by virtue of the Incentives Act?</li> <li>Yes (continue at line 8c below)</li> <li>8c Was the original notice of self-certification or application for Commission certification of the facility filed on or</li> </ul>
	before December 31, 1994? Yes No
	8d Did construction of the facility commence on or before December 31, 1999? Yes No
	<b>8e</b> If you answered No in line 8d, indicate whether reasonable diligence was exercised toward the completion of the facility, taking into account all factors relevant to construction? Yes No If you answered Yes, provide a brief narrative explanation in the Miscellaneous section starting on page 19 of the construction timeline (in particular, describe why construction started so long after the facility was certified) and the diligence exercised toward completion of the facility.
ompliance quirements	Pursuant to 18 C.F.R. § 292.204(b), qualifying small power production facilities may use fossil fuels, in minimal amounts, for only the following purposes: ignition; start-up; testing; flame stabilization; control use; alleviation or prevention of unanticipated equipment outages; and alleviation or prevention of emergencies, directly affecting the public health, safety, or welfare, which would result from electric power outages. The amount of fossil fuels used for these purposes may not exceed 25 percent of the total energy input of the facility during the 12-month period beginning with the date the facility first produces electric energy or any calendar year thereafter.
Re	9a Certification of compliance with 18 C.F.R. § 292.204(b) with respect to uses of fossil fuel:
on o Use	Applicant certifies that the facility will use fossil fuels <i>exclusively</i> for the purposes listed above.
cati Jel	9b Certification of compliance with 18 C.F.R. § 292.204(b) with respect to amount of fossil fuel used annually:
Certifi with Fu	Applicant certifies that the amount of fossil fuel used at the facility will not, in aggregate, exceed 25 percent of the total energy input of the facility during the 12-month period beginning with the date the facility first produces electric energy or any calendar year thereafter.

#### Information Required for Cogeneration Facility

If you indicated in line 1k that you are seeking qualifying cogeneration facility status for your facility, then you must respond to the items on pages 11 through 13. Otherwise, skip pages 11 through 13.

Pursuant to 18 C.F.R. § 292.202(c), a cogeneration facility produces electric energy and forms of useful thermal energy (such as heat or steam) used for industrial, commercial, heating, or cooling purposes, through the sequential use of energy. Pursuant to 18 C.F.R. § 292.202(s), "sequential use" of energy means the following: (1) for a toppingcycle cogeneration facility, the use of reject heat from a power production process in sufficient amounts in a thermal application or process to conform to the requirements of the operating standard contained in 18 C.F.R. § 292.205(a); or (2) for a bottoming-cycle cogeneration facility, the use of at least some reject heat from a thermal application or process for power production. **10a** What type(s) of cogeneration technology does the facility represent? (check all that apply) Topping-cycle cogeneration Bottoming-cycle cogeneration **10b** To help demonstrate the sequential operation of the cogeneration process, and to support compliance with other requirements such as the operating and efficiency standards, include with your filing a mass and heat balance diagram depicting average annual operating conditions. This diagram must include certain items and meet certain requirements, as described below. You must check next to the description of each requirement below to certify that you have complied with these requirements. Check to certify compliance with indicated requirement Requirement Diagram must show orientation within system piping and/or ducts of all prime movers, General Cogeneration heat recovery steam generators, boilers, electric generators, and condensers (as applicable), as well as any other primary equipment relevant to the cogeneration process. ntormation Any average annual values required to be reported in lines 10b, 12a, 13a, 13b, 13d, 13f, 14a, 15b, 15d and/or 15f must be computed over the anticipated hours of operation. Diagram must specify all fuel inputs by fuel type and average annual rate in Btu/h. Fuel for supplementary firing should be specified separately and clearly labeled. All П specifications of fuel inputs should use lower heating values. Diagram must specify average gross electric output in kW or MW for each generator. Diagram must specify average mechanical output (that is, any mechanical energy taken off of the shaft of the prime movers for purposes not directly related to electric power generation) in horsepower, if any. Typically, a cogeneration facility has no mechanical output. At each point for which working fluid flow conditions are required to be specified (see below), such flow condition data must include mass flow rate (in lb/h or kg/s), temperature (in °F, R, °C or K), absolute pressure (in psia or kPa) and enthalpy (in Btu/lb or kJ/kg). Exception: For systems where the working fluid is *liquid only* (no vapor at any point in the cycle) and where the type of liquid and specific heat of that liquid are clearly indicated on the diagram or in the Miscellaneous section starting on page 19, only mass flow rate and temperature (not pressure and enthalpy) need be specified. For reference, specific heat at standard conditions for pure liquid water is approximately 1.002 Btu/ (lb\*R) or 4.195 kJ/(kg\*K). Diagram must specify working fluid flow conditions at input to and output from each steam turbine or other expansion turbine or back-pressure turbine. Diagram must specify working fluid flow conditions at delivery to and return from each thermal application. Diagram must specify working fluid flow conditions at make-up water inputs.

EPAct 2005 Requirements for Fundamental Use

	EPAct 2005 cogeneration facilities: The Energy Policy Act of 2005 (EPAct 2005) established a new section 210(n) of the Public Utility Regulatory Policies Act of 1978 (PURPA), 16 USC 824a-3(n), with additional requirements for any qualifying cogeneration facility that (1) is seeking to sell electric energy pursuant to section 210 of PURPA and (2) was either not a cogeneration facility on August 8, 2005, or had not filed a self-certification or application for Commission certification of QF status on or before February 1, 2006. These requirements were implemented by the Commission in 18 C.F.R. § 292.205(d). Complete the lines below, carefully following the instructions, to demonstrate whether these additional requirements apply to your cogeneration facility and, if so, whether your facility complies with such requirements.	
	11a Was your facility operating as a qualifying cogeneration facility on or before August 8, 2005? Yes No	0
	<b>11b</b> Was the initial filing seeking certification of your facility (whether a notice of self-certification or an application for Commission certification) filed on or before February 1, 2006? Yes No	0
s	If the answer to either line 11a or 11b is Yes, then continue at line 11c below. Otherwise, if the answers to both lines 11a and 11b are No, skip to line 11e below.	
acilitie	<b>11c</b> With respect to the design and operation of the facility, have any changes been implemented on or after February 2, 2006 that affect general plant operation, affect use of thermal output, and/or increase net power production capacity from the plant's capacity on February 1, 2006?	0
ц Ц	Yes (continue at line 11d below)	
neratio	No. Your facility is not subject to the requirements of 18 C.F.R. § 292.205(d) at this time. However, it may be Subject to to these requirements in the future if changes are made to the facility. At such time, the applicant would need to recertify the facility to determine eligibility. Skip lines 11d through 11j.	
oger	<b>11d</b> Does the applicant contend that the changes identified in line 11c are not so significant as to make the facility a "new" cogeneration facility that would be subject to the 18 C.F.R. § 292.205(d) cogeneration requirements?	0
from C	Yes. Provide in the Miscellaneous section starting on page 19 a description of any relevant changes made to the facility (including the purpose of the changes) and a discussion of why the facility should not be considered a "new" cogeneration facility in light of these changes. Skip lines 11e through 11j.	
utput	No. Applicant stipulates to the fact that it is a "new" cogeneration facility (for purposes of determining the applicability of the requirements of 18 C.F.R. § 292.205(d)) by virtue of modifications to the facility that were initiated on or after February 2, 2006. Continue below at line 11e.	
V V	11e Will electric energy from the facility be sold pursuant to section 210 of PURPA?	0
nerg	Yes. The facility is an EPAct 2005 cogeneration facility. You must demonstrate compliance with 18 C.F.R. § 292.205(d)(2) by continuing at line 11f below.	
ofE	No. Applicant certifies that energy will <i>not</i> be sold pursuant to section 210 of PURPA. Applicant also certifies its understanding that it must recertify its facility in order to determine compliance with the requirements of 18 C.F.R. § 292.205(d) <i>before</i> selling energy pursuant to section 210 of PURPA in the future. Skip lines 11f through 11j.	
	<b>11f</b> Is the net power production capacity of your cogeneration facility, as indicated in line 7g above, less than or equal to 5,000 kW?	0
	Yes, the net power production capacity is less than or equal to 5,000 kW. 18 C.F.R. § 292.205(d)(4) provides a rebuttable presumption that cogeneration facilities of 5,000 kW and smaller capacity comply with the requirements for fundamental use of the facility's energy output in 18 C.F.R. § 292.205(d)(2). Applicant certifies its understanding that, should the power production capacity of the facility increase above 5,000 kW, then the facility must be recertified to (among other things) demonstrate compliance with 18 C.F.R. § 292.205(d)(2). Skip lines 11g through 11j.	
	No, the net power production capacity is greater than 5,000 kW. Demonstrate compliance with the requirements for fundamental use of the facility's energy output in 18 C.F.R. § 292.205(d)(2) by continuing on the next page at line 11g.	

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Lines 11g through 11k below guide the applicant through the process of demonstrating compliance with the requirements for "fundamental use" of the facility's energy output. 18 C.F.R. § 292.205(d)(2). Only respond to the lines on this page if the instructions on the previous page direct you to do so. Otherwise, skip this page. 18 C.F.R. § 292.205(d)(2) requires that the electrical, thermal, chemical and mechanical output of an EPAct 2005 cogeneration facility is used fundamentally for industrial, commercial, residential or institutional purposes and is not intended fundamentally for sale to an electric utility, taking into account technological, efficiency, economic, and variable thermal energy requirements, as well as state laws applicable to sales of electric energy from a qualifying facility to its host facility. If you were directed on the previous page to respond to the items on this page, then your facility is an EPAct 2005 cogeneration facility that is subject to this "fundamental use" requirement. The Commission's regulations provide a two-pronged approach to demonstrating compliance with the requirements for fundamental use of the facility's energy output. First, the Commission has established in 18 C.F.R. § 292.205(d)(3) a "fundamental use test" that can be used to demonstrate compliance with 18 C.F.R. § 292.205(d)(2). Under the fundamental use test, a facility is considered to comply with 18 C.F.R. § 292,205(d)(2) if at least 50 percent of the facility's total annual energy output (including electrical, thermal, chemical and mechanical energy output) is used for industrial, commercial, residential or institutional purposes. Second, an applicant for a facility that does not pass the fundamental use test may provide a narrative explanation of and support for its contention that the facility nonetheless meets the requirement that the electrical, thermal, chemical and mechanical output of an EPAct 2005 cogeneration facility is used fundamentally for industrial, commercial, residential or institutional purposes and is not intended fundamentally for sale to an electric utility, taking into account technological, efficiency, economic, and variable thermal energy requirements, as well as state laws applicable to sales of electric energy from a qualifying facility to its host facility. Complete lines 11g through 11j below to determine compliance with the fundamental use test in 18 C.F.R. § 292.205(d)(3). Complete lines 11g through 11j even if you do not intend to rely upon the fundamental use test to demonstrate compliance with 18 C.F.R. § 292.205(d)(2). 11g Amount of electrical, thermal, chemical and mechanical energy output (net of internal generation plant losses and parasitic loads) expected to be used annually for industrial, commercial, residential or institutional purposes and not sold to an electric utility MWh 11h Total amount of electrical, thermal, chemical and mechanical energy expected to be sold to an electric utility MWh 11i Percentage of total annual energy output expected to be used for industrial, commercial, residential or institutional purposes and not sold to a utility = 100 \* 11g / (11g + 11h)0 % 11j Is the response in line 11i greater than or equal to 50 percent? Yes. Your facility complies with 18 C.F.R. § 292.205(d)(2) by virtue of passing the fundamental use test provided in 18 C.F.R. § 292.205(d)(3). Applicant certifies its understanding that, if it is to rely upon passing the fundamental use test as a basis for complying with 18 C.F.R. § 292.205(d)(2), then the facility must comply with the fundamental use test both in the 12-month period beginning with the date the facility first produces electric energy, and in all subsequent calendar years. No. Your facility does not pass the fundamental use test. Instead, you must provide in the Miscellaneous section starting on page 19 a narrative explanation of and support for why your facility meets the requirement that the electrical, thermal, chemical and mechanical output of an EPAct 2005 cogeneration facility is used fundamentally for industrial, commercial, residential or institutional purposes and is not intended fundamentally for sale to an electric utility, taking into account technological, efficiency, economic, and variable thermal energy requirements, as well as state laws applicable to sales of electric energy from a QF to its host facility. Applicants providing a narrative explanation of why their facility should be found to comply with 18 C.F.R. § 292.205(d)(2) in spite of non-compliance with the fundamental use test may want to review paragraphs 47 through 61 of Order No. 671 (accessible from the Commission's QF website at www.ferc.gov/QF), which provide discussion of the facts and circumstances that may support their explanation. Applicant should also note that the percentage reported above will establish the standard that that facility must comply with, both for the 12-month period beginning with the date the facility first produces electric energy, and in all subsequent calendar years. See Order No. 671 at paragraph 51. As such, the applicant should make sure that it reports appropriate values on lines 11g and 11h above to serve as the relevant annual standard, taking into account expected variations in production conditions.

Usefulness of Topping-Cycle

#### Information Required for Topping-Cycle Cogeneration Facility

If you indicated in line 10a that your facility represents topping-cycle cogeneration technology, then you must respond to the items on pages 14 and 15. Otherwise, skip pages 14 and 15.

The thermal energy output of a topping-cycle cogeneration facility is the net energy made available to an industrial or commercial process or used in a heating or cooling application. Pursuant to sections 292.202(c), (d) and (h) of the Commission's regulations (18 C.F.R. §§ 292.202(c), (d) and (h)), the thermal energy output of a qualifying topping-cycle cogeneration facility must be useful. In connection with this requirement, describe the thermal output of the topping-cycle cogeneration facility by responding to lines 12a and 12b below.

12a Identify and describe each thermal host, and specify the annual average rate of thermal output made available to each host for each use. For hosts with multiple uses of thermal output, provide the data for each use in separate rows.
Average annual rate of

Name of entity (therm taking thermal out	nal host) Thermal host's relationship to facility; tput Thermal host's use of thermal output	thermal output attributable to use (net of heat contained in process return or make-up water)
1)	Select thermal host's relationship to facility	
"	Select thermal host's use of thermal output	Btu/h
2)	Select thermal host's relationship to facility	
	Select thermal host's use of thermal output	Btu/h
2)	Select thermal host's relationship to facility	
57	Select thermal host's use of thermal output	Btu/h
1)	Select thermal host's relationship to facility	
*/	Select thermal host's use of thermal output	Btu/h
5)	Select thermal host's relationship to facility	
,,	Select thermal host's use of thermal output	Btu/h
5)	Select thermal host's relationship to facility	
	Select thermal host's use of thermal output	Btu/h

Check here and continue in the Miscellaneous section starting on page 19 if additional space is needed

**12b** Demonstration of usefulness of thermal output: At a minimum, provide a brief description of each use of the thermal output identified above. In some cases, this brief description is sufficient to demonstrate usefulness. However, if your facility's use of thermal output is not common, and/or if the usefulness of such thermal output is not reasonably clear, then you must provide additional details as necessary to demonstrate usefulness. Your application may be rejected and/or additional information may be required if an insufficient showing of usefulness is made. (Exception: If you have previously received a Commission certification approving a specific use of thermal output related to the instant facility, then you need only provide a brief description of that use and a reference by date and docket number to the order certifying your facility with the indicated use. Such exemption may not be used if any change creates a material deviation from the previously authorized use.) If additional space is needed, continue in the Miscellaneous section starting on page 19.

Topping-Cycle Operating and

Applicants for facilities representing topping-cycle technology must demonstrate compliance with the topping-cycle operating standard and, if applicable, efficiency standard. Section 292.205(a)(1) of the Commission's regulations (18 C.F.R. § 292.205(a)(1)) establishes the operating standard for topping-cycle cogeneration facilities: the useful thermal energy output must be no less than 5 percent of the total energy output. Section 292.205(a)(2) (18 C.F.R. § 292.205(a)(2)) establishes the efficiency standard for topping-cycle cogeneration facilities for which installation commenced on or after March 13, 1980: the useful power output of the facility plus one-half the useful thermal energy output must (A) be no less than 42.5 percent of the total energy input of natural gas and oil to the facility; and (B) if the useful thermal energy output is less than 15 percent of the total energy output of the facility, be no less than 45 percent of the total energy output of the facility, be no less than 45 percent of the total energy output of the facility, be no less than 45 percent of the total energy output of the facility. To demonstrate compliance with the topping-cycle operating and/or efficiency standards, or to demonstrate that your facility is exempt from the efficiency standard based on the date that installation commenced, respond to lines 13a through 13l below.

If you indicated in line 10a that your facility represents *both* topping-cycle and bottoming-cycle cogeneration technology, then respond to lines 13a through 13l below considering only the energy inputs and outputs attributable to the topping-cycle portion of your facility. Your mass and heat balance diagram must make clear which mass and energy flow values and system components are for which portion (topping or bottoming) of the cogeneration system.

13a       Indicate the annual average rate of useful thermal energy output made available to the host(s), net of any heat contained in condensate return or make-up water         13b       Indicate the annual average rate of net electrical energy output         13c       Multiply line 13b by 3,412 to convert from kW to Btu/h         0       0         13d       Indicate the annual average rate of mechanical energy output taken directly off of the shaft of a prime mover for purposes not directly related to power production (this value is usually zero)         13e       Multiply line 13d by 2,544 to convert from hp to Btu/h         0       13f         13f       Indicate the annual average rate of energy input from natural gas and oil         13g       Topping-cycle operating value = 100 * (0.5*13a + 13c + 13e)         13h       Topping-cycle efficiency value = 100 * (0.5*13a + 13c + 13e) / 13f         13i       Compliance with operating standard: Is the operating value shown in line 13g greater than or equal to 5%         13j       Did installation of the facility in its current form commence on or after March 13, 1980?         13k       Compliance with officiency standard (for low operating value): If the operating value shown in line 13g is than 15%, then indicate below whether the efficiency value shown in line 13h, as applicable, below.         13k       Compliance with efficiency standard (for low operating value): If the operating value shown in line 13g is than 15%, then indicate below whether the efficiency value shown in									
Ito the host(s), net of any heat contained in condensate return or make-up water         13b Indicate the annual average rate of net electrical energy output         13c Multiply line 13b by 3,412 to convert from kW to Btu/h         0         13d Indicate the annual average rate of mechanical energy output taken directly off         of the shaft of a prime mover for purposes not directly related to power production         (this value is usually zero)         13e Multiply line 13d by 2,544 to convert from hp to Btu/h         0         13f Indicate the annual average rate of energy input from natural gas and oil         13g Topping-cycle operating value = 100 * 13a / (13a + 13c + 13e)         13h Topping-cycle efficiency value = 100 * (0.5*13a + 13c + 13e) / 13f         0         13i Compliance with operating standard: Is the operating value shown in line 13g greater than or equal to 5%         13j Did installation of the facility in its current form commence on or after March 13, 1980?         Yes. Your facility is subject to the efficiency requirements of 18 C.F.R.§ 292.205(a)(2). Demonstrate compliance with efficiency standard (for low operating value): If the operating value shown in line 13g is than 15%, then indicate below whether the efficiency value shown in line 13h greater than or equal to 45%:         Yes (complies with efficiency standard)       No (does not comply with efficiency standard)         13k Compliance with efficiency standard (for high operating value): If the operating value shown in line 13g is greater than or equ		13a Indicate the annual average rate of useful thermal energy output made available							
13b       Indicate the annual average rate of net electrical energy output         13c       Multiply line 13b by 3,412 to convert from kW to Btu/h       0         13d       Indicate the annual average rate of mechanical energy output taken directly off of the shaft of a prime mover for purposes not directly related to power production (this value is usually zero)       0         13e       Multiply line 13d by 2,544 to convert from hp to Btu/h       0         13f       Indicate the annual average rate of energy input from natural gas and oil       0         13f       Indicate the annual average rate of energy input from natural gas and oil       0         13g       Topping-cycle operating value = 100 * 13a / (13a + 13c + 13e)       0         13h       Topping-cycle efficiency value = 100 * (0.5*13a + 13c + 13e) / 13f       0         13i       Compliance with operating standard: Is the operating value shown in line 13g greater than or equal to 5%         13j       Did installation of the facility in its current form commence on or after March 13, 1980?         Yes, Your facility is subject to the efficiency requirements of 18 C.F.R. § 292.205(a)(2). Demonstrate compliance with the efficiency requirement by responding to line 13k or 13l, as applicable, below.         No. Your facility is exempt from the efficiency standard. Skip lines 13k and 13l.         13k Compliance with efficiency standard (for low operating value): If the operating value shown in line 13g is than 15%, then indicate below whether the efficiency value show		to the host(s), net of any heat contained in condensate return or make-up water		Btu/h					
13c       Multiply line 13b by 3,412 to convert from kW to Btu/h       0         13d       Indicate the annual average rate of mechanical energy output taken directly off of the shaft of a prime mover for purposes not directly related to power production (this value is usually zero)       0         13e       Multiply line 13d by 2,544 to convert from hp to Btu/h       0         13f       Indicate the annual average rate of energy input from natural gas and oil       0         13f       Indicate the annual average rate of energy input from natural gas and oil       0         13f       Topping-cycle operating value = 100 * 13a / (13a + 13c + 13e)       0         13h       Topping-cycle efficiency value = 100 * (0.5*13a + 13c + 13e) / 13f       0         13i       Compliance with operating standard: Is the operating value shown in line 13g greater than or equal to 5%         13j       Did installation of the facility in its current form commence on or after March 13, 1980?         13g       Yes, Your facility is subject to the efficiency requirements of 18 C.F.R. § 292.205(a)(2). Demonstrate compliance with the efficiency requirement by responding to line 13k or 13l, as applicable, below.         13k       No. Your facility is subject to the efficiency value shown in line 13g is than 15%, then indicate below whether the efficiency value shown in line 13h greater than or equal to 45%:         14k       Yes (complies with efficiency standard)       No (does not comply with efficiency standard)         1	C	13b Indicate the annual average rate of net electrical energy output							
13c       Multiply line 13b by 3,412 to convert from kW to Btu/h       0         13d       Indicate the annual average rate of mechanical energy output taken directly off of the shaft of a prime mover for purposes not directly related to power production (this value is usually zero)       0         13e       Multiply line 13d by 2,544 to convert from hp to Btu/h       0         13f       Multiply line 13d by 2,544 to convert from hp to Btu/h       0         13f       Multiply line 13d by 2,544 to convert from hp to Btu/h       0         13f       Multiply line 13d by 2,544 to convert from hp to Btu/h       0         13f       Multiply line 13d by 2,544 to convert from hp to Btu/h       0         13f       Topping-cycle operating value = 100 * 13a / (13a + 13c + 13e)       0         13g       Topping-cycle operating value = 100 * (0.5*13a + 13c + 13e) / 13f       0         13i       Compliance with operating standard: Is the operating value shown in line 13g greater than or equal to 5%         13j       Did installation of the facility in its current form commence on or after March 13, 1980?         13g       Yes (complies with operating standard)       No (does not comply with operating value shown in line 13g is than 15%, then indicate below whether the efficiency standard. Skip lines 13k and 13l.         13k       Compliance with efficiency standard (for low operating value): If the operating value shown in line 13g is greater than or equal to 15%, then indicate below w	<u>.</u>			kW					
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13f       Indicate the annual average rate of energy input from natural gas and oil         13g       Topping-cycle operating value = 100 * 13a / (13a + 13c + 13e)       0         13h       Topping-cycle efficiency value = 100 * (0.5*13a + 13c + 13e) / 13f       0         13h       Topping-cycle efficiency value = 100 * (0.5*13a + 13c + 13e) / 13f       0         13i       Compliance with operating standard: Is the operating value shown in line 13g greater than or equal to 5%       0         13j       Did installation of the facility in its current form commence on or after March 13, 1980?       13j         Yes. Your facility is subject to the efficiency requirements of 18 C.F.R. § 292.205(a)(2). Demonstrate compliance with the efficiency requirement by responding to line 13k or 13l, as applicable, below.         No.       Your facility is exempt from the efficiency standard. Skip lines 13k and 13l.         13k       Compliance with efficiency standard (for low operating value): If the operating value shown in line 13g is than 15%, then indicate below whether the efficiency value shown in line 13h greater than or equal to 45%:         Yes (complies with efficiency standard (for high operating value): If the operating value shown in line 13g is greater than or equal to 15%, then indicate below whether the efficiency value shown in line 13h is greater tha equal to 42.5%:         Yes (complies with efficiency standard)       No (does not comply with efficiency standard)         13l       Compliance with efficiency standard (for high operating value): If the operating val	Na Na		0	Btu/h					
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		Yes (complies with efficiency standard) No (does not comply with	th efficiency standard)						

1)

2)

3)

#### Information Required for Bottoming-Cycle Cogeneration Facility

If you indicated in line 10a that your facility represents bottoming-cycle cogeneration technology, then you must respond to the items on pages 16 and 17. Otherwise, skip pages 16 and 17.

The thermal energy output of a bottoming-cycle cogeneration facility is the energy related to the process(es) from which at least some of the reject heat is then used for power production. Pursuant to sections 292.202(c) and (e) of the Commission's regulations (18 C.F.R. § 292.202(c) and (e)), the thermal energy output of a qualifying bottoming-cycle cogeneration facility must be useful. In connection with this requirement, describe the process(es) from which at least some of the reject heat is used for power production by responding to lines 14a and 14b below.

14a Identify and describe each thermal host and each bottoming-cycle cogeneration process engaged in by each host. For hosts with multiple bottoming-cycle cogeneration processes, provide the data for each process in separate rows.
Has the energy input to

	Coloct thormal boot's relationship to facility	
Name of entity (thermal host) performing the process from which at least some of the reject heat is used for power production	Thermal host's relationship to facility; Thermal host's process type	the thermal host been augmented for purposes of increasing power production capacity? (if Yes, describe on p. 19)
		TIAS LIFE CHELUY HIDULLU

percet internations of a control of the control of	Yes No I
Select thermal host's process type	Ed bound
Select thermal host's relationship to facility	Yes No D
Select thermal host's process type	Land Land
Select thermal host's relationship to facility	Yes No T
Select thermal host's process type	

#### Check here and continue in the Miscellaneous section starting on page 19 if additional space is needed

**14b** Demonstration of usefulness of thermal output: At a minimum, provide a brief description of each process identified above. In some cases, this brief description is sufficient to demonstrate usefulness. However, if your facility's process is not common, and/or if the usefulness of such thermal output is not reasonably clear, then you must provide additional details as necessary to demonstrate usefulness. Your application may be rejected and/or additional information may be required if an insufficient showing of usefulness is made. (Exception: If you have previously received a Commission certification approving a specific bottoming-cycle process related to the instant facility, then you need only provide a brief description of that process and a reference by date and docket number to the order certifying your facility with the indicated process. Such exemption may not be used if any material changes to the process have been made.) If additional space is needed, continue in the Miscellaneous section starting on page 19.

Bottoming-Cycle Operating and

ue Calculation

Applicants for facilities representing bottoming-cycle technology and for which installation commenced on or after March 13, 1990 must demonstrate compliance with the bottoming-cycle efficiency standards. Section 292.205(b) of the Commission's regulations (18 C.F.R. § 292.205(b)) establishes the efficiency standard for bottoming-cycle cogeneration facilities: the useful power output of the facility must be no less than 45 percent of the energy input of natural gas and oil for supplementary firing. To demonstrate compliance with the bottoming-cycle efficiency standard based on the date that installation of the facility began, respond to lines 15a through 15h below.

If you indicated in line 10a that your facility represents *both* topping-cycle and bottoming-cycle cogeneration technology, then respond to lines 15a through 15h below considering only the energy inputs and outputs attributable to the bottoming-cycle portion of your facility. Your mass and heat balance diagram must make clear which mass and energy flow values and system components are for which portion of the cogeneration system (topping or bottoming).

 $_{\rm J}$  Yes. Your facility is subject to the efficiency requirement of 18 C.F.R. § 292.205(b). Demonstrate compliance with the efficiency requirement by responding to lines 15b through 15h below.

No. Your facility is exempt from the efficiency standard. Skip the rest of page 17.

<b>15b</b> Indicate the annual average rate of net electrical energy output	LW.
The Multiplu line 15h hu 2 412 to conjunct from 1/4/ to Dtu/h	
TSC Multiply line TSD by 3,412 to convert from kw to Blu/h	0 Btu
<b>15d</b> Indicate the annual average rate of mechanical energy output taken directly off of the shaft of a prime mover for purposes not directly related to power production	
(this value is usually zero)	hp
15e Multiply line 15d by 2,544 to convert from hp to Btu/h	
	0 Btu
15f Indicate the annual average rate of supplementary energy input from natural gas	
or oil	Btu
<b>15g</b> Bottoming-cycle efficiency value = 100 * (15c + 15e) / 15f	
	0 %
<b>15h</b> Compliance with efficiency standard: Indicate below whether the efficiency value than or equal to 45%:	shown in line 15g is greate
Yes (complies with efficiency standard)	th efficiency standard)

#### Certificate of Completeness, Accuracy and Authority

Applicant must certify compliance with and understanding of filing requirements by checking next to each item below and signing at the bottom of this section. Forms with incomplete Certificates of Completeness, Accuracy and Authority will be rejected by the Secretary of the Commission.

Signer identified below certifies the following: (check all items and applicable subitems)

- He or she has read the filing, including any information contained in any attached documents, such as cogeneration 🔀 mass and heat balance diagrams, and any information contained in the Miscellaneous section starting on page 19, and knows its contents.
- He or she has provided all of the required information for certification, and the provided information is true as stated, to the best of his or her knowledge and belief.
- He or she possess full power and authority to sign the filing; as required by Rule 2005(a)(3) of the Commission's Rules of Practice and Procedure (18 C.F.R. § 385.2005(a)(3)), he or she is one of the following: (check one)
  - The person on whose behalf the filing is made
  - An officer of the corporation, trust, association, or other organized group on behalf of which the filing is made
  - An officer, agent, or employe of the governmental authority, agency, or instrumentality on behalf of which the X filing is made
  - A representative qualified to practice before the Commission under Rule 2101 of the Commission's Rules of Practice and Procedure (18 C.F.R. § 385.2101) and who possesses authority to sign
- He or she has reviewed all automatic calculations and agrees with their results, unless otherwise noted in the  $\boxtimes$ Miscellaneous section starting on page 19.

He or she has provided a copy of this Form 556 and all attachments to the utilities with which the facility will interconnect and transact (see lines 4a through 4d), as well as to the regulatory authorities of the states in which the

facility and those utilities reside. See the Required Notice to Public Utilities and State Regulatory Authorities section on page 3 for more information.

Provide your signature, address and signature date below. Rule 2005(c) of the Commission's Rules of Practice and Procedure (18 C.F.R. § 385.2005(c)) provides that persons filing their documents electronically may use typed characters representing his or her name to sign the filed documents. A person filing this document electronically should sign (by typing his or her name) in the space provided below.

Your Signature	Your address	Date
- y ly	1925 Isaac Newton Square, Suite 280, Reston, VA 20190	7-27-16
Audit Notes		
Commission Staff Use Only:		

#### Miscellaneous

Use this space to provide any information for which there was not sufficient space in the previous sections of the form to provide. For each such item of information *clearly identify the line number that the information belongs to*. You may also use this space to provide any additional information you believe is relevant to the certification of your facility.

Your response below is not limited to one page. Additional page(s) will automatically be inserted into this form if the length of your response exceeds the space on this page. Use as many pages as you require.

July, 2016 1b-1e Updated for new applicant information 2a-2d Updated for new contract information 4c Updated to indicate Dominion North Carolina Power is not purchasing the output 5a Updated to reflect a change in direct ownership 5b Updated to add upstream owners 5c Update to reflect updated facility operator 7a-7h updated to reflect changes in the design of the Facility

Page 19 - All Facilities