§ 131.80 FERC Form No. 556, Certification of qualifying facility status for an existing or a proposed small power production or cogeneration facility.

(See §292.207 of this chapter.)

Copies of this form may be obtained upon request from the Federal Energy Regulatory Commission.
§ 131.80 Certification of Qualifying Facility Status for an Existing or a Proposed Small Power Production or Cogeneration Facility

(To be completed for the purpose of demonstrating up-to-date conformance with the qualification criteria of section 292.204(b)(2), 292.204(c), and 292.204(d); based on actual or planned operating experience)

General instructions: Part A of the form should be completed by all small power producers or cogenerators. Part B applies to small power production facilities. Part C applies to cogeneration facilities. All references to sections are with regard to Part 292 of Title 18 of the Code of Federal Regulations, unless otherwise indicated.

PART A—GENERAL INFORMATION TO BE SUBMITTED BY ALL APPLICANTS

1a. Full name:
Docket Number assigned to the immediately preceding submittal filed with the Commission in connection with the instant facility, if any: QF __ __

Purpose of instant filing (self-certification or self-recertification (Section 292.207(a)(1)), or application for Commission certification or recertification (Sections 292.207(b) and (d)(2)):

1b. Full address of applicant:

1c. Indicate the owner(s) of the facility (including the percentage of ownership held by any electric utility or electric utility holding company, or by any persons owned by either) and the operator of the facility. Additionally, state whether or not any of the non-electric utility owners or their upstream owners are engaged in the generation or sale of electric power, or have any ownership or operating interest in any electric facilities other than qualifying facilities. In order to facilitate review of the application, the applicant may also provide an ownership chart identifying the upstream ownership of the facility. Such chart should indicate ownership percentages where appropriate.

1d. Signature of authorized individual evidencing accuracy and authenticity of information provided by applicant:

2. Person to whom communications regarding the filed information may be addressed:
Name: ____________
Title: ____________
Telephone number: ____________
Mailing address: ____________

3a. Location of facility to be certified:
State: ____________
County: ____________
City or town: ____________
Street address (if known): ____________

3b. Indicate the electric utilities that are contemplated to transact with the qualifying facility (if known) and describe the services those electric utilities are expected to provide: utilities interconnecting with the facility and/or providing wheeling service (Section 292.303(c) and (d)); utilities purchasing the useful electric power output (Sections 292.101(b)(2), 292.202(c), and 292.303(a)); utilities providing supplementary power, backup power, maintenance power, and/or interruptible power service (Sections 292.101(b)(3) and (8), 292.303(b) and 292.305(b)).

3c. Indicate the upstream owners or their electric utility holding companies, if any.

3d. Describe any particular characteristic of the facility which the cogenerator or small power producer believes might bear on its qualifying status.

PART B—DESCRIPTION OF THE SMALL POWER PRODUCTION FACILITY

4a. Describe the principal components of the facility including boilers, prime movers and electric generators, and explain their operation. Include transmission lines, transformers and switchyard equipment, if included as part of the facility.

4b. Indicate the maximum gross and maximum net electric power production capacity of the facility at the point(s) of delivery and show the derivation.

4c. Indicate the actual or expected installation and operation dates of the facility, or the actual or expected date of completion of the reported modification to the facility.

4d. Describe the primary energy input (e.g., hydro, coal, oil (Section 292.202(l)), natural gas (Section 292.202(k)), solar, geothermal, wind, waste, biomass (Section 292.202(a)), or other). For a waste energy input that does not fall within one of the categories on the Commission’s list of previously approved wastes, demonstrate that such energy input has little or no current commercial value and that it exists in the absence of the qualifying facility industry (Section 292.202(b)),

5. Provide the average annual hourly energy input in terms of Btu for the following fossil fuel energy inputs, and provide the related percentage of the total annual average hourly energy input to the facility (Section 292.202(j)). For any oil or natural gas fuel, use lower heating value (Section 292.202(m)):

- Natural gas:
  Oil:
  Coal (applicable only to a small power production facility):

6. Discuss any particular characteristic of the facility which the cogenerator or small power producer believes might bear on its qualifying status.

7. Describe how fossil fuel use will not exceed 25 percent of the total annual energy input limit (Sections 292.202(j) and 292.204(b)). Also, describe how the use of fossil fuel will be limited to the following purposes to conform to Federal Power Act Section 3(17)(B): Ignition, start-up, testing, flame stabilization, control use, and minimal amounts of...
Federal Energy Regulatory Commission

§ 131.80

fuel required to alleviate or prevent unan-

ticipated equipment outages and emer-
gencies directly affecting the public.

8. If the facility reported herein is not an

eligible solar, wind, waste or geothermal fa-
cility, and if any other non-eligible facility
located within one mile of the instant facil-
ity is owned by any of the entities (or their
affiliates) reported in Part A at item 1c.
above and uses the same primary energy
input, provide the following information
about the other facility for the purpose of
demonstrating that the total of the power
production capacities of these facilities does
not exceed 80 MW (Section 292.204(a));

Facility name, if any (as reported to the
Commission):

Commission Docket Number: QF

Name of common owner:

Common primary energy source used as en-
ergy input:

Power production capacity (MW):

An eligible solar, wind, waste or geo-

thermal facility, as defined in Section
9(b)(E) of the Federal Power Act, is a small
power production facility that produces elec-
tric energy solely by the use, as a primary
energy input, of solar, wind, waste or geo-

thermal resources, for which either an appli-
cation for Commission certification of quali-
fying status (Section 292.207(b)) or a notice
of self-certification of qualifying status (Sec-
tion 292.207(a)) was submitted to the Com-
mmission not later than December 31, 1994, and
for which construction of such facility com-
mences not later than December 31, 1999, or
if not, reasonable diligence is exercised to-
ward the completion of such facility, taking
into account all factors relevant to construc-
tion of the facility.

PART C—DESCRIPTION OF THE COGENERATION

FACILITY

9. Describe the cogeneration system (Sec-
tions 292.202(c) and 292.203(b)), and state
whether the facility is a topping-cycle (Sec-
tion 292.202(d)) or bottoming-cycle (Section
292.202(e)) cogeneration facility.

10. To demonstrate the sequentiality of the
cogeneration process (Section 292.202(a)) and

to support compliance with other require-
ments such as the operating and efficiency
standards (item 11 below), provide a mass
and heat balance (cycle) diagram depicting
average annual hourly operating conditions.

Also, provide:

Using lower heating value (Section
292.202(m)), all fuel flow inputs in Btu/hr.,
separately indicating fossil fuel inputs for
any supplementary firing in Btu/hr. (Section
292.202(t));

Average net electric output (kW or MW)
(Section 292.202(g));

Average net mechanical output in horse-
power (Section 292.202(g));

Number of hours of operation used to de-
termine the average annual hourly facility
inputs and outputs; and

Working fluid (e.g., steam) flow conditions
at input and output of prime mover(s) and at
delivery to and return from each useful ther-
mal application:

Flow rates (lbs./hr.);

Pressure (psia);

Temperature (deg.F);

Enthalpy (Btu/lb.);

Also, provide:

Enthalpy (Btu/lb.);

Number of hours of operation used to de-
termine the average annual hourly facility
inputs and outputs; and

Average net mechanical output in horse-
power (Section 292.202(g));

Average net electric output (kW or MW)
(Section 292.202(g));
average annual hourly thermal energy delivered to each sub-use, less process return from such sub-use. Provide a diagram showing the main steam header and the sub-uses with other relevant information such as the average header pressure (psia), the temperature (deg. F), the enthalpy (Btu/lb.), and the flow (lb./hr.), both in and out of each sub-use. For space and water heating, describe the type of heating involved (e.g., office space heating, domestic water heating) and provide the average annual hourly thermal energy delivered and used for such purpose. For space cooling, describe the type of cooling involved (e.g., office space cooling) and provide the average annual hourly thermal energy used by the chiller.

FOR BOTTOMING-CYCLE FACILITIES

14. Provide a description of the commercial or industrial process or other thermal application to which the energy input to the system is first applied and from which the reject heat is then used for electric power production.

FOR NEW COGENERATION FACILITIES

15. For any cogeneration facility that was either not certified as a qualifying cogeneration facility on or before August 5, 2005, or that had not filed a notice of self-certification, self-recertification or an application for Commission certification under §292.207 of this chapter prior to February 2, 2006, also show:

(i) The thermal energy output of the cogeneration facility is used in a productive and beneficial manner; and

(ii) The electrical, thermal, chemical and mechanical output of the 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.

[Order 575, 60 FR 4855, Jan. 25, 1995, as amended by Order 671, 71 FR 7867, Feb. 15, 2006]

EFFECTIVE DATE NOTE: At 75 FR 15965, Mar. 30, 2010, §131.80 was revised, effective June 1, 2010. For the convenience of the user, the revised text is set forth as follows:

§131.80 FERC Form No. 556, Certification of qualifying facility (QF) status for a small power production or cogeneration facility.

(a) Who must file. Any person seeking to certify a facility as a qualifying facility pursuant to sections 3(17) or 3(18) of the Federal Power Act, 16 U.S.C. 796(3)(17), (3)(18), unless otherwise exempted or granted a waiver by Commission rule or order pursuant to §292.203(d), must complete and file the Form of Certification of Qualifying Facility (QF) Status for a Small Power Production or Cogeneration Facility, FERC Form No. 556. Every Form of Certification of Qualifying Status must be submitted on the FERC Form No. 556 then in effect and must be prepared in accordance with the instructions incorporated in that form.

(b) Availability of FERC Form No. 556. The currently effective FERC Form No. 556 shall be made available for download from the Commission’s Web site.

(c) How to file a FERC Form No. 556. All applicants must file their FERC Forms No. 556 electronically via the Commission’s eFiling Web site.

PART 141—STATEMENTS AND REPORTS (SCHEDULES)

Sec.

141.1 FERC Form No. 1, Annual report of Major electric utilities, licensees and others.

141.2 FERC Form No. 1–F, Annual report for Nonmajor public utilities and licensees.

141.14 Form No. 80, Licensed Hydropower Development Recreation Report.

141.15 Annual Conveyance Report.

141.51 FERC Form No. 714, Annual Electric Balancing Authority Area and Planning Area Report.

141.61 [Reserved]

141.100 Original cost statement of utility property.


141.400 FERC Form No. 3–Q, Quarterly financial report of electric utilities, licensees, and natural gas companies.

141.500 Cash management programs.


§ 141.1 FERC Form No. 1, Annual report of Major electric utilities, licensees and others.

(a) Prescription. The Form of Annual Report for Major electric utilities, licensees and others, designated herein as FERC Form No. 1, is prescribed for the reporting year 1981 and each year thereafter.

(b) Filing requirements—(1) Who must file—(1) Generally. Each Major and each Nonoperating (formerly designated as Major) electric utility (as defined in part 101 of Subchapter C of this chapter) and each licensee as defined in section 3 of the Federal Power Act (16