

4906-4-03

Project description in detail and project schedule in detail.

(A) The applicant shall provide a description of the project area's geography, topography, population centers, major industries, and landmarks.

(1) The applicant shall provide a map of at least 1:24,000 scale containing a two-mile radius from the project area and showing the following features:

(a) The proposed facility.

(b) Population centers and administrative boundaries.

(c) Transportation routes and gas and electric transmission corridors.

(d) Named rivers, streams, lakes, and reservoirs.

(e) Major institutions, parks, and recreational areas.

(2) The applicant shall provide the area, in acres, of all owned and leased properties that will be used for construction and/or operation of the project, and the number of properties.

(B) The applicant shall provide a detailed description of the proposed generation facility.

(1) The applicant shall submit the following for each generation equipment alternative, where applicable:

(a) Type, number of units, estimated net demonstrated capacity, heat rate, annual capacity factor, and hours of annual generation.

(b) For wind farms, the turbine hub height, tip height, rotor diameter, and blade length for each model under consideration.

(c) Fuel quantity and quality (i.e., ash, sulfur, and British thermal unit value).

(d) A list of types of pollutant emissions and estimated quantities.

(e) Water volume requirement, source of water, treatment, quantity of any discharge and names of receiving streams.

(2) The applicant shall describe, in as much detail as is available at the time of submission of the application, the construction method, site preparation and reclamation method, materials, color and texture of surfaces, and dimensions of all facility components, including the following:

(a) Electric power generation plant or wind-powered electric generation turbines, including towers and foundations.

- (b) Fuel, waste, water, and other storage facilities.
 - (c) Fuel, waste, water, and other processing facilities.
 - (d) Water supply, effluent, and sewage lines.
 - (e) Associated electric transmission and distribution lines and gas pipelines.
 - (f) Electric collection lines.
 - (g) Substations, switching substations, and transformers.
 - (h) Temporary and permanent meteorological towers.
 - (i) Transportation facilities, access roads, and crane paths.
 - (j) Construction laydown areas.
 - (k) Security, operations, and maintenance facilities or buildings.
 - (l) Other pertinent installations.
 - (3) The applicant shall submit a brief description of the need for new electric transmission line(s) or gas pipelines associated with the proposed facility.
 - (4) The applicant shall supply a map of at least 1:12,000 scale of the project area, showing the following features:
 - (a) An aerial photograph.
 - (b) The proposed facility, including all components listed in paragraph (B)(2) of this rule.
 - (c) Road names.
 - (d) Property lines.
- (C) The applicant shall provide a detailed project schedule.
 - (1) The applicant shall provide a proposed project schedule in Gantt chart format covering all major activities and milestones, including:
 - (a) Acquisition of land and land rights.
 - (b) Wildlife and environmental surveys/studies.
 - (c) Receipt of grid interconnection studies and other critical path milestones

for project construction.

(d) Preparation of the application.

(e) Submittal of the application for certificate.

(f) Issuance of the certificate.

(g) Preparation of the final design.

(h) Construction of the facility.

(i) Placement of the facility in service.

(2) The applicant shall describe the proposed construction sequence.

(3) The applicant shall describe the potential impact of critical delays on the in-service date.

Replaces: 4906-13-02, 4906-17-03

Effective:

Five Year Review (FYR) Dates:

Certification

Date

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