

## § 50.7

## 18 CFR Ch. I (4–1–14 Edition)

to approve the siting of the facilities or consider the interstate benefits expected to be achieved by the proposed construction or modification of transmission facilities in the State;

(2) The applicant is a transmitting utility but does not qualify to apply for a permit or siting approval of the proposed project in a State because the applicant does not serve end-use customers in the State; or

(3) A State commission or other entity that has the authority to approve the siting of the facilities has:

(i) Withheld approval for more than one year after the filing of an application seeking approval under applicable law or one year after the designation of the relevant national interest electric transmission corridor, whichever is later; or

(ii) Conditioned its approval in such a manner that the proposed construction or modification will not significantly reduce transmission congestion in interstate commerce or is not economically feasible.

(f) A demonstration that the facilities to be authorized by the permit will be used for the transmission of electric energy in interstate commerce, and that the proposed construction or modification:

(1) Is consistent with the public interest;

(2) Will significantly reduce transmission congestion in interstate commerce and protects or benefits consumers;

(3) Is consistent with sound national energy policy and will enhance energy interdependence; and

(4) Will maximize, to the extent reasonable and economical, the transmission capabilities of existing towers or structures.

(g) A description of the proposed construction and operation of the facilities, including the proposed dates for the beginning and completion of construction and the commencement of service.

(h) A general description of project financing.

(i) A full statement as to whether any other application to supplement or effectuate the applicant's proposals must be or is to be filed by the applicant, any of the applicant's customers,

or any other person, with any other Federal, State, Tribal, or other regulatory body; and if so, the nature and status of each such application.

(j) A table of contents that must list all exhibits and documents filed in compliance with this part, as well as all other documents and exhibits otherwise filed, identifying them by their appropriate titles and alphabetical letter designations. The alphabetical letter designations specified in § 50.7 must be strictly adhered to and extra exhibits submitted at the volition of applicant must be designated in sequence under the letter Z (Z1, Z2, Z3, etc.).

(k) A form of notice suitable for publication in the FEDERAL REGISTER, as provided by § 50.9(a), which will briefly summarize the facts contained in the application in such a way as to acquaint the public with its scope and purpose. The form of notice also must include the name, address, and telephone number of an authorized contact person.

### § 50.7 Applications: exhibits.

Each exhibit must contain a title page showing the applicant's name, title of the exhibit, the proper letter designation of the exhibit, and, if 10 or more pages, a table of contents, citing by page, section number or subdivision, the component elements or matters contained in the exhibit.

(a) *Exhibit A—Articles of incorporation and bylaws.* If the applicant is not an individual, a conformed copy of its articles of incorporation and bylaws, or other similar documents.

(b) *Exhibit B—State authorization.* For each State where the applicant is authorized to do business, a statement showing the date of authorization, the scope of the business the applicant is authorized to carry on and all limitations, if any, including expiration dates and renewal obligations. A conformed copy of applicant's authorization to do business in each State affected must be supplied upon request.

(c) *Exhibit C—Company officials.* A list of the names and business addresses of the applicant's officers and directors, or similar officials if the applicant is not a corporation.

(d) *Exhibit D—Other pending applications and filings.* A list of other applications and filings submitted by the applicant that are pending before the Commission at the time of the filing of an application and that directly and significantly affect the proposed project, including an explanation of any material effect the grant or denial of those other applications and filings will have on the application and of any material effect the grant or denial of the application will have on those other applications and filings.

(e) *Exhibit E—Maps of general location of facilities.* The general location map required under § 50.5(c) must be provided as Exhibit E. Detailed maps required by other exhibits must be filed in those exhibits, in a format determined during the pre-filing process in § 50.5.

(f) *Exhibit F—Environmental report.* An environmental report as specified in §§ 380.3 and 380.16 of this chapter. The applicant must submit all appropriate revisions to Exhibit F whenever route or site changes are filed. These revisions must identify the locations by mile post and describe all other specific differences resulting from the route or site changes, and should not simply provide revised totals for the resources affected. The format of the environmental report filing will be determined during the pre-filing process required under § 50.5.

(g) *Exhibit G—Engineering data.*

(1) A detailed project description including:

- (i) Name and destination of the project;
- (ii) Design voltage rating (kV);
- (iii) Operating voltage rating (kV);
- (iv) Normal peak operating current rating;
- (v) Line design features for minimizing television and/or radio interference cause by operation of the proposed facilities; and
- (vi) Line design features that minimize audible noise during fog/rain caused by operation of the proposed facilities, including comparing expected audible noise levels to the applicable Federal, State, and local requirements.

(2) A conductor, structures, and substations description including:

- (i) Conductor size and type;

- (ii) Type of structures;
- (iii) Height of typical structures;
- (iv) An explanation why these structures were selected;
- (v) Dimensional drawings of the typical structures to be used in the project; and
- (vi) A list of the names of all new (and existing if applicable) substations or switching stations that will be associated with the proposed new transmission line.

(3) The location of the site and right-of-way including:

- (i) Miles of right-of-way;
  - (ii) Miles of circuit;
  - (iii) Width of the right-of-way;
  - (iv) A brief description of the area traversed by the proposed transmission line, including a description of the general land uses in the area and the type of terrain crossed by the proposed line;
- (4) Assumptions, bases, formulae, and methods used in the development and preparation of the diagrams and accompanying data, and a technical description providing the following information:

- (i) Number of circuits, with identification as to whether the circuit is overhead or underground;
- (ii) The operating voltage and frequency; and
- (iii) Conductor size, type and number of conductors per phase.

(5) If the proposed interconnection is an overhead line, the following additional information also must be provided:

- (i) The wind and ice loading design parameters;
- (ii) A full description and drawing of a typical supporting structure including strength specifications;
- (iii) Structure spacing with typical ruling and maximum spans;
- (iv) Conductor (phase) spacing; and
- (v) The designed line-to-ground and conductor-side clearances.

(6) If an underground or underwater interconnection is proposed, the following additional information also must be provided:

- (i) Burial depth;
- (ii) Type of cable and a description of any required supporting equipment, such as insulation medium pressurizing or forced cooling;
- (iii) Cathodic protection scheme; and

(iv) Type of dielectric fluid and safeguards used to limit potential spills in waterways.

(7) Technical diagrams that provide clarification of any of the above items should be included.

(8) Any other data or information not previously identified that has been identified as a minimum requirement for the siting of a transmission line in the State in which the facility will be located.

(h) *Exhibit H—System analysis data.* An analysis evaluating the impact the proposed facilities will have on the existing electric transmission system performance, including:

(1) An analysis of the existing and expected congestion on the electric transmission system.

(2) Power flow cases used to analyze the proposed and future transmission system under anticipated load growth, operating conditions, variations in power import and export levels, and additional transmission facilities required for system reliability. The cases must:

(i) Provide all files to model normal, single contingency, multiple contingency, and special protective systems, including the special protective systems' automatic switching or load shedding system; and

(ii) State the assumptions, criteria, and guidelines upon which they are based and take into consideration transmission facility loading; first contingency incremental transfer capability (FCITC); normal incremental transfer capability (NITC); system protection; and system stability.

(3) A stability analysis including study assumptions, criteria, and guidelines used in the analysis, including load shedding allowables.

(4) A short circuit analysis for all power flow cases.

(5) A concise analysis to include:

(i) An explanation of how the proposed project will improve system reliability over the long and short term;

(ii) An analysis of how the proposed project will impact long term regional transmission expansion plans;

(iii) An analysis of how the proposed project will impact congestion on the applicant's entire system; and

(iv) A description of proposed high technology design features.

(6) Detailed single-line diagrams, including existing system facilities identified by name and circuit number, that show system transmission elements, in relation to the project and other principal interconnected system elements, as well as power flow and loss data that represent system operating conditions.

(i) *Exhibit I—Project Cost and Financing.* (1) A statement of estimated costs of any new construction or modification.

(2) The estimated capital cost and estimated annual operations and maintenance expense of each proposed environmental measure.

(3) A statement and evaluation of the consequences of denial of the transmission line permit application.

(j) *Exhibit J—Construction, operation, and management.* A concise statement providing arrangements for supervision, management, engineering, accounting, legal, or other similar service to be rendered in connection with the construction or operation of the project, if not to be performed by employees of the applicant, including reference to any existing or contemplated agreements, together with a statement showing any affiliation between the applicant and any parties to the agreements or arrangements.

#### § 50.8 Acceptance/rejection of applications.

(a) Applications will be docketed when received and the applicant so advised.

(b) If an application patently fails to comply with applicable statutory requirements or with applicable Commission rules, regulations, and orders for which a waiver has not been granted, the Director may reject the application as provided by § 385.2001(b) of this chapter. This rejection is without prejudice to an applicant's refiling a complete application. However, an application will not be rejected solely on the basis that the environmental reports are incomplete because the company has not been granted access by affected landowners to perform required surveys.

(c) An application that relates to a proposed project or modification for