

Section 9.2—Data and Information Exchange.

Section 9.2.1 Annual Data and Information Exchange Requirement

In support of ~~coordinated system-interregional~~ planning coordination, each Party shall provide the other with the following data and information: on an annual basis and will follow the stipulations for such exchange as noted below.

- a) Powerflow models for projected system conditions for the planning horizon (up to next ten (10) years) that include planned generation development and retirements, planned transmission facilities and seasonal load projections
- b) System stability models with detailed dynamic modeling of generators and other active elements
- c) Production cost models for projected system conditions for the planning horizon that include generation and load forecasts and planned transmission facilities
- d) Assumptions used in development of above powerflow, stability and production cost models
- e) Contingency lists for use in powerflow, stability, and production cost analyses

Models provided will be consistent with those used in the respective Party's planning processes. Formats for the exchange of data will be agreed upon by the Parties from time to time. Parties can provide the best available information and will not be required to develop unique models to meet the requirements of this JOA. Data compiled through other multi-regional modeling efforts can be used to meet the data exchange requirements of this JOA as agreed to in writing by both Parties. This annual data exchange will be completed during the first Calendar quarter of the year, unless Parties agree in writing to a different timeline.

Section 9.2.2 Data and Information Exchange upon request

In addition to the data and information specified in Section 9.2.1, each Party shall provide the other with the following data and information upon request. Unless otherwise indicated, such data and information shall be provided as requested by either ~~party and~~ Party, as available, ~~on a mutually agreed to schedule but no longer than 60~~ within 30 days from the date of such request ~~or on a mutually agreed to schedule.~~

- ~~(a) — Data required for the development of load flow cases, short circuit cases, and stability cases, including ten year load forecasts and all critical assumptions that are used in the development of these cases.~~
- ~~(b) — Fully detailed planning models (up to the next ten (10) years), as requested by either party and on a mutually agreed schedule as a part of the development of any joint planning studies provided for under this Article IX or as otherwise agreed to.~~
- a) (e) — Any updates to data exchanged in accordance with Section 9.2.1
- b) Short-circuit models for transmission systems that are relevant to the coordination of

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planning between the two Parties

- a)c) _____ The regional plan document produced by the Party; and any long-term or short-term reliability assessment documents produced by the Party; ~~and any operating assessment reports produced by the Party.~~
- b)d) _____ (d) — The status of expansion studies; and system impact studies for long-term transmission service and generation interconnection ~~studies~~requests, such that each Party has knowledge that a commitment has been made to a system enhancement as a result of any such studies.
- e)e) _____ (e) — Transmission system maps in electronic or hard copy format for the Party's bulk transmission system and lower voltage transmission system maps that are relevant to the coordination of planning between the two ~~systems.~~Parties
 - (f) — ~~Contingency lists for use in load flow and stability analyses, including lists of all single contingency events and multiple facility tower line contingencies, as well as breaker diagrams for the portions of the Party's transmission system that are relevant to the coordination of planning between the two systems.~~
 - (g) — ~~The timing of each planned enhancement, including estimated completion dates and project mobilization schedules, and indications of the likelihood a system enhancement will be completed and whether the system enhancement should be included in system expansion studies, system impact studies and generation interconnection studies, and all related applications for regulatory approval and the status thereof.~~
 - (h) — ~~Identification of and status of interconnection requests that have been received and any long term firm transmission services that have been approved that may impact the operation of a Party's system in a manner that affects the other Party's system, shared on the earlier of the identification of the potential impact, within 30 days of such request by the other Party or on a regular schedule as otherwise agreed to by the Parties.~~
 - (i) — ~~Information regarding long term firm transmission services on all interfaces relevant to the coordination of planning between the systems, shared on the earlier of the identification of the potential impact, within 30 days of such request by the other Party, or on a regular schedule as otherwise agreed to by the Parties.~~
- d)f)j) — Such other data and information as is needed for each Party to plan its own system accurately and reliably and to assess the impact of conditions existing on the system of the other Party.
 - (k) — ~~Load flow and short-circuit data initially will be exchanged in PSS/E format. To the extent practical the maintenance and exchange of power system modeling data will be implemented through databases. When feasible, transmission maps and breaker diagrams will be provided in an electronic format agreed upon by the Parties. Formats for the exchange of other data will be agreed upon by the Parties from time to time.~~