

Attachment A to Appendix 1 Interconnection Request

GENERATION MODEL AND PERFORMANCE ATTESTATION FOR A GENERATING FACILITY

Interconnection Customer has read, understands and accepts the following modeling and performance requirements for the Generating Facility associated with Interconnection Customer's Interconnection Request:

- 1) The Generating Facility shall be designed to meet performance requirements specified in Technical Requirements for Interconnection to the BPA Transmission Grid (STD-N-000001).
- 2) Transmission Provider will use generic performance models for the Phase One Cluster Study or as deemed appropriate by Transmission Provider, at various points in the life of the Interconnection Request. The generic models meet performance requirements specified in Technical Requirements for Interconnection to the BPA Transmission Grid (STD-N-000001).
- 3) Within ninety (90) Calendar Days of receipt of Phase One Cluster Study, Interconnection Customer will provide the required powerflow models, dynamics models, and electromagnetic transient (EMT) models as specified in STD-N-000001. The models for the Generating Facility shall:
 - a) be provided according to Technical Requirements for Interconnection to the BPA Transmission Grid (STD-N-000001)
 - b) be accurate and validated, by Interconnection Customer, to represent the performance characteristics of the Generating Facility
 - c) be re-validated, updated, and submitted to Transmission Provider, by Interconnection Customer, after a Qualified Change to the Generating Facility as required by BPA in STD-N-000001
- 4) Prior to getting authorization for Commercial Operation, Interconnection Customer shall:
 - a) complete voltage control and frequency control tests (STD-N-000001-01) as specified in BPA's Generation Commissioning Task Checklist Required for Commercial Operations (STD-N-000001-03) demonstrating the Generating Facility meets BPA's Technical Requirements for Interconnection to the BPA Transmission Grid (STD-N-000001)
 - b) provide evidence of completed EMT studies using "as-built" models confirming the plant meets disturbance ride-through requirements specified by STD-N-000001
- 5) Subsequent to Commercial Operation, Interconnection Customer shall:
 - a) provide "as-built" powerflow and dynamic models for its Generating Facility that are accurate and validated, by Interconnection Customer, as required by STD-N-000001 and applicable NERC MOD Standards
 - b) provide "as-built" EMT models that are accurate and validated, by Interconnection Customer, to represent the performance characteristics of the Generating Facility, including disturbance ride through characteristics, as required by STD-N-000001

- 6) If Interconnection Customer fails to meet requirements (1) to (5) above, the Generating Facility will:
- a) be removed for Transmission Provider's generation interconnection queue
 - b) not be allowed to electrically close into the transmission system until model and performance deficiencies are corrected

This Generation Model and Performance Attestation is submitted by:

Name of Interconnection Customer:

By (signature): _____

Name (type or print):

Job Title:

Address:

Phone Number:

Email Address:

Date: