NERC MOD-026-1 – Verification of Models and Data for Generator Excitation Control System or Plant Volt/Var Control Functions for Requirement R1
(MOD-026-1 R1)
NERC MOD-026-1 Requirement R1

1. Send email to NERC.Transmission.Planner@pjm.com with the following specifications:
   a. Subject line “MOD-026-1”
   b. Indicate the Generator Owner which is submitting the request
   c. Explicitly state the purpose of the email:
      i. A request for the list of acceptable excitation control system or plant volt/var control function models
      ii. A request for acceptable dynamic excitation control system or plant volt/var control function model library block diagrams and/or data sheets
      iii. A request for model data of an existing applicable unit specific excitation control system or plant volt/var control function contained in current PJM dynamic planning models

2. PJM, upon receipt of request, will respond to requests accordingly within 90 days:
   a. PJM will provide a list of acceptable excitation control system or plant volt/var control function models upon request
   b. PJM will provide instruction on how to obtain acceptable dynamic excitation control system or plant volt/var control function model library block diagrams and/or data sheets upon request
   c. PJM will provide model data of an existing applicable unit specific excitation control system or plant volt/var control function contained in current PJM dynamic planning models, upon request, in the form of a PSS/E text file

3. Generator Owners, if needed, shall provide updated model data (PSS/E text file) or notification of model issues to PJM

4. PJM shall provide a response to the Generator Owner indicating whether the model data provided by the Generator Owner is usable or not usable. If the model is not usable, PJM will provide a technical description as to why the model data is not usable.
Standard MOD-026-1 — Verification of Models and Data for Generator Excitation Control System or Plant Volt/Var Control Functions

“R1 Each Transmission Planner shall provide the following requested information to the Generator Owner within 90 calendar days of receiving a written request: [Violation Risk Factor: Lower] [Time Horizon: Operations Planning]

- Instructions on how to obtain the list of excitation control system or plant volt/var control function models that are acceptable to the Transmission Planner for use in dynamic simulation,
- Instructions on how to obtain the dynamic excitation control system or plant volt/var control function model library block diagrams and/or data sheets for models that are acceptable to the Transmission Planner, or
- Model data for any of the Generator Owner’s existing applicable unit specific excitation control system or plant volt/var control function contained in the Transmission Planner’s dynamic database from the current (in-use) models, including generator MVA base.”
Document Revision History

July 1, 2014 – Original Version