

Meeting Notes

Project 2020-06 Verifications of Models and Data for Generators Drafting Team

September 30, 2022 | 1:00 - 4:00 p.m. Eastern

Conference Call with Web Access

Administrative

1. Reviewed NERC Antitrust Compliance Guidelines and Public Announcement

2. Safety Instructions – N/A

3. Determination of Quorum

The rule for NERC Standard Drafting Team (SDT) states that a quorum requires two-thirds of the voting members of the SDT to be physically present. Quorum was not achieved with 5 members in attendance (list provided below).

4. Introductions and Chair's Remarks

Vice chair, Katie Iverson thanked all members and observers for attending. She also acknowledged the work completed since the last meeting.

5. Review Meeting Agenda and Objectives

Agenda Items

Project timeline

The SDT is planning for an additional posting late October 2022. At a minimum, the following documents are needed: Response to Comments, MOD-026-2 Draft 2, Implementation Plan, and Mapping Document.

Industry comment

The conversation focused on comment themes that were unresolved. Specific topics discussed included the following:

Cutoff date in Attachment 1, Row 11 (exemption for Requirement R6) – The SDT discussed a new cutoff date for R6 of January 1, 2020. Jason M. and Rajat felt that EMT models are available from vendors going back to 2020. The SDT revised language for an additional exemption to, “OEM is no longer doing business in North America”.

R2.3 Revisions – The SDT agreed on revised language for R2.3. “Model(s) representing enabled excitation limiters and enabled Protection Systems that directly trip the generator/synchronous condenser.

Protection Systems that shall be modeled include phase over- and under-voltage, stator-phase overcurrent, voltage restrained time overcurrent, field overcurrent, loss of field, out-of-step, phase-distance, and volts per hertz protection;

Attachment 1, Row 9 (exemption to R3/R5) – An email received from NAGR SRT was discussed and the SDT decided not to make revision to the current Attachment 1 language for now. The team felt language pointing to the current Reliability Guideline in the Technical Rationale would be helpful. Action item assigned to Casey to draft response and Technical Rationale. See Table 1.2 from [Reliability Guideline-Application Guide for Turbine-Governor Modeling-2019-05-07-CLEAN \(nerc.com\)](https://www.nerc.com/Reliability_Guideline-Application_Guide_for_Turbine-Governor_Modeling-2019-05-07-CLEAN)

Requirement R3 – The SDT changed to usage of “turbine” to “prime mover” so that reciprocating machines would also be covered by the standard.

Response to Comment – Volunteers needed for additional responses to comments/themes that need to be addressed by October 14 2022.

The meeting adjourned 2:40 p.m. Eastern

Attendance				
Name	Company	Member/ Observer	In-person (Y/N)	Conference Call (Y/N)
Brad Marszalkowski (CHAIR)	ISO-New England	Member	N/A	N
Katie Iverson (VICE-CHAIR)	S Power (AES Corporation)	Member		Y
Jonathan Rose	ERCOT	Member		N
William Casey Harman	Puget Sound Energy	Member		Y
Ebrahim Rahimi	California ISO	Member		Y
Jason MacDowell	GE Energy Consulting	Member		Y
Sam Li	BC Hydro	Member		N
Jason Ausmus	Lightsource bp	Member		N
Wes Baker	EPRI	Member		N
Michael (Bing) Xia	Powertech Labs	Member		N
Jerry L Thompson	Kestrel Power Engineering	Member		N
Robert J. O’Keefe	American Electric Power	Member		N
Andrew Arana	Florida Power & Light	Member		Y