Meeting Notes
Project 2020-02 Modifications to PRC-024 (Generator Ride-through) Drafting Team

October 9, 2023 | 11:00 a.m. - 1:00 p.m. Eastern

Conference Call with Web Access

Administrative

1. **Review NERC Antitrust Compliance Guidelines and Public Announcement**

2. **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 met. See table below for meeting attendance.

3. **Introductions and Chair's Remarks**

Agenda Items

1. **Develop Draft**

   a. IBR performance-based; PRC-029 draft.

   b. Review any sub-group assignments.

2. **Discuss Next Steps, Timeline, and Future Meetings**

3. **Adjourn**

J. Calderon initiated the meeting, called roll, and reviewed the NERC Antitrust Guidelines and Participant Policy.

X. Wang discussed last week's closed call with NERC technical staff and discussed moving forward with the informal comment period.

The team reviewed initial draft informal comment questions and discussed messaging. Team members expressed wanting to rewrite the draft questions to demonstrate the teams' desired approach rather than leaving too much open ended. Questions were revised to provide a more direct proposed approach towards splitting the standard requirements due to technological differences. The team will continue drafting the questions through the week, with an expectation to finalize during the next call.

The team also discussed the need to review the most recent event reports with industry recommendations to support the technical rationale – specifically for event with recent synchronous

machine loss and power instability. The team will also review the most recent redlines of PRC-024 (on the team extranet site) between calls and revisit what modifications need to be made to align with the resulting PRC-029.

Robert volunteered to start the initial draft of a technical rationale.

Technical Rationale developed to address the team's approach:

- Retaining PRC-024 as a protection-based standard with modifications to only apply to synchronous generators. This standard will be reviewed again following the completion of a PRC-029 draft.
- Create new a PRC-029 to address IBR in a performance-based standard.
- Includes any relevant recent whitepaper or analytics developed to support the approach as well as technical differences of technologies.

Attendance				
Name	**Company**	**Member/ Observer**	**Straw Vote (X)**	**Conference Call/Web (Y/N)**
Xiaoyu (Shawn) Wang	Enel North America	Chair		Y
Husam Al-Hadidi	Manitoba Hydro	Vice Chair		Y
Joel Anthes	Pacific gas and electric	Member		Y
Johnny Carlisle	Southern Company	Member		Y
Rajat Majumder	Ørsted North America	Member		N
Robert O'Keefe	AEP	Member		Y
Alex Pollock	AMSC	Member		N
Ebrahim Rahimi	California ISO	Member		Y
Fabio Rodriguez	Duke Energy Florida	Member		Y
Ovidiu Vasilachi	IESO Independent Electricity System Operator (IESO)	Member		N
John Zong	Electric Power Engineers	Member		N
Jamie Calderon	NERC	Developer		Y
Sarah Crawford	NERC	Observer		N

Attendance				
Name	**Company**	**Member/ Observer**	**Straw Vote (X)**	**Conference Call/Web (Y/N)**
Ryan Mauldin	NERC	Observer		N
Al McMeekin	NERC	Observer		N
Lauren Perotti	NERC	Observer		N
Aung Thant	NERC	Observer		N
Pamela Hunter	PMOS	Observer		N
Anthony Westenkirchner	PMOS	Observer		N

Sub-team Assignments		
Names	**Assignment**	**Date Assigned**
Group 1 **Shawn Wang**, Fabio Rodriguez, Ebrahim Rahimi, Ovidiu Vasilachi	Review IEEE 2800-2022 Sections 7.2.2.3.5 through 7.2.3. to advise the full team on items we may need to further discuss. This group will hold on drafting additional language on Applicability for now.	8/14/23
Group 2 **Husam Al-Hadidi**, Alex Pollock, John Carlisle, Robert O'Keefe	Continue drafting language on voltage general performance requirements. Reference IEEE 2800-2022 Sections 7.1 through 7.2.2.2	8/14/23
Group 3 **Rajat Majumder**, John Zong, Joel Anthes	Continue drafting language on voltage high/low ride through performance requirements. Reference IEEE 2800-2022 Sections 7.2.2.3 through 7.2.2.3.4	8/14/23

Upcoming Meeting			
Meeting Date | Time	Link	Meeting Number/ Access Code	Password
October 16	Join Webex	2310 320 4904	Reliability