

Meeting Notes

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

August 28, 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 and reviewed the NERC Antitrust Guidelines and Participant Policy.

H. Al-Hadidi reviewed the draft language developed by Group 2 since the last meeting. This includes draft language for R1 and R2 regarding Generator Operator (GO)/Transmission Operator (TO) requirements to design and operate continue injecting current in accordance with the tables in Attachment 2. Language includes coordination with Transmission Planner (TP) and Planning Coordinator (PC) to allow alternate "no-trip zones", more stringent requirements, and exemptions for legacy equipment. The attachment would provide more details on the performance criteria specifics.

More input was requested to identify what types of measurements would be used to evaluate performance. There was some discussion regarding alignment with expectations within PRC-024 and PRC-029 and functional registration coordination; such as no current PC applicability in PRC-024.

Other conversations included potential disconnect to TP expectations regarding setting other criteria to performance if individual TPs decide to pursue defining alternate or more stringent criteria. There may be

some differences between TPs that could necessitate further clarification during SDT meetings to avoid incompatible criteria being developed. This conversation mostly revolved around particular controller capability and guidance to entities on how to meet performance expectations if needed.

J. Calderon shared the September 2018, NERC RSTC Reliability Guideline for IBR Performance with the team. The team was reminded that they do not need to define how the controllers need to be set to determine if performance can be evaluated.

J. Calderon reviewed the schedule, noting that the September 5, 2023 meeting will shift to a different time due to the Labor Day holiday (US/CA). Meetings will then return to the weekly Monday 11:00 a.m. – 1:00 p.m. Eastern schedule. These meetings will primarily focus on the review of completed assignments by each sub-team, as listed below. Details of the assignments will be adjusted as needed.

Future meetings are scheduled for September 5, 11, 18, and 25, 2023.

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		Y
Robert O’Keefe	AEP	Member		Y
Alex Pollock	AMSC	Member		Y
Ebrahim Rahimi	California ISO	Member		Y
Fabio Rodriguez	Duke Energy Florida	Member		N
Kenneth Silver	Avantus	Member		Y
Ovidiu Vasilachi	IESO Independent Electricity System Operator (IESO)	Member		Y
John Zong	Electric Power Engineers	Member		Y
Jamie Calderon	NERC	Developer		Y

Attendance				
Name	Company	Member/ Observer	Straw Vote (X)	Conference Call/Web (Y/N)
Sarah Crawford	NERC	Observer		N
Ryan Mauldin	NERC	Observer		N
Al McMeekin	NERC	Observer		N
Lauren Perotti	NERC	Observer		Y
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, Kenneth Silver	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