

Meeting Notes

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

September 11, 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.

R. Majumder reviewed draft language from Group 3 and presented 2 options regarding prioritization of active/reactive power operation during "mandatory operation".

There was a desire from some team members and other observers to see that some form of priority settings, designed at the plant level, are built into the draft for determining adequate performance.

There was some disagreement on how specific the Standard should be in setting requirements for how applicable Inverter-based Resources (IBR) must prioritize reactive power during the mandatory operation period. There could be some areas where the area does not benefit or may complicate transmission planning.

There could be modified language to focus on requiring the Generator Operator to assure their applicable IBR are prioritizing current as determined by the transmission planner instead to account for this and other variations.

X. Wang reviewed the language developed by Group 1 for IBR performance returning to a continuous operation following mandatory operation in response to a system disturbance to assure pre-disturbance values are realized and what IBR capabilities are needed.

There was some discussion regarding enforceability for mandatory operation expectations. Particularly with any capability requirements should be determined by one party and implemented by another; as opposed to language regarding anything “mutually agreed to”.

Additional consideration between impedance measurements and how the draft language between groups will be done.

J. Calderon reviewed the meeting schedule and reiterated the priority timeline needs for this project.

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		N
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		Y
Ovidiu Vasilachi	IESO Independent Electricity System Operator (IESO)	Member		N
John Zong	Electric Power Engineers	Member		N

Attendance				
Name	Company	Member/ Observer	Straw Vote (X)	Conference Call/Web (Y/N)
Jamie Calderon	NERC	Developer		Y
Sarah Crawford	NERC	Observer		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		Y
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 Meetings			
Meeting Date/Time	Link	Meeting Number/ Access Code	Password
September 18, 2023 11:00 a.m. – 1:00 p.m. Eastern	Join WebEx	2310 320 4904	Reliability
September 25, 2023 11:00 a.m. – 1:00 p.m. Eastern	Join WebEx	2310 175 4238	Reliability