

Meeting Notes

Project 2021-04 Modifications to PRC-002 Standard Drafting Team Meeting

June 1, 2022 | 1:00 – 3:00 p.m. Eastern

Introduction and Chair's Remarks

Chair M. Patel called the meeting to order at 1:00 p.m. Eastern. The Chair provided the Standard Drafting Team (SDT) with opening remarks and welcomed members and guests. See **Attachment 1** for those in attendance.

NERC Antitrust Compliance Guidelines and Public Announcement

The NERC Antitrust Compliance Guidelines, NERC Participant Conduct Policy, and the Public Announcement were presented and reviewed by the secretary.

Agenda Items

1. Prior Action Items

- a. The proposed agenda was reviewed and approved by unanimous consent.
- b. B. Wu provided COVID-19 update to the group. NERC will continue to utilize WebEx conference calls until further notice. No changes since last meeting.

2. Phase one Comment and Initial Ballot

- a. Scope is to address inverter-based resources, not other type of resources.

Which IBR plants should be required to have DME?

One approach is to set a threshold in terms of size of plant in MVA. (75MVA or some higher threshold)

PRC-002 includes requirements for both DDR and DFR/SER data? Is criterion same or different for DFR/SER and DDR?

Is SCADA data (resolution in order of 1 second) in scope of PRC-002?

Reasons to include SCADA data: Position of tap changer, status of shunt devices, command signals from plant controller to inverters, status of inverters etc. would impact response of plant during a disturbance. Such data would be included in the SCADA data. This information is a key to understand/replicate pre-disturbance plant operating point which might be necessary to understand/simulate plant's response during a disturbance.

Existing plants (legacy SCADA system) versus newer plants – Need to consider that recording rate for legacy systems could be slower. Could be better, when upgraded.

Measurements at inverter terminals? Does inverter terminal fall under BES definition?

See BES definition for explanation. Individual inverters/WTGs are part of BES as far as aggregate rating of the plant is > 75 MVA.

Applicability: Requirements apply to GOs only or should TOs be included also?

Attachment 1: IBRs interconnect to remote parts of the system. Typically, buses in remote parts of the system would not be included in list of buses identified per methodology in Attachment 1. How to include those sites?

Monitoring at existing plants versus new IEEE 2800 compliant plants? Implementation plan needs to consider installation of DME at existing plants.

For new plants, can we simply point to IEEE 2800?

If can't point to IEEE 2800 then consider adding an attachment detailing recording rate, retention time etc. for SER/DFR/DDR applying to IBRs.

Review EOP-004 SAR developed by IRPS --- Reach out to Ryan/Rich to understand EOP-004 SAR and proposal.

Strategy #1:

R1/R5 – specifically call out IBRs above certain MVA threshold.

Add criteria in R1, which would require SER/FR at IBRs in addition to list of buses generated using methodology in attachment 1.

Strategy #2:

Re-assign some buses from a list generated using attachment 1 to IBRs

- b. The SDT discussed the in-person meeting date(s) and location. Chris Milan said that he might be able to host in Tempe, AZ in August. Chris will confirm.

3. Other

- a. Next Meeting: June 22, 2022 | 2:00 – 4:00 p.m. Eastern
- b. Other: None

4. Adjournment

Chair adjourned the meeting at 3:50 p.m. Eastern by consent.

Attachment 1

Name	Company	Member/Observer	Date
Manish Patel	Southern Company Services	Chair	6/1/2022
Ben Wu	NERC	Secretary	6/1/2022
Bret Garner Burford	American Electric Power	Member	6/1/2022
Tracy Kealy	Bonneville Power Administration	Member	6/1/2022
Jacob Magee	Entergy	Member	6/1/2022
Charles Yeung	SPP	Observer	6/1/2022
Don Burkart	Con Edison	Member	6/1/2022
Mark Garza	First Energy Corp.	Observer	6/1/2022
Chris Milan	CrestCura	Observer	6/1/2022
Dennis Fuentes-Pedrosa	FERC	Observer	6/1/2022
Ruida Shu	NPCC	Observer	6/1/2022
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