

Meeting Notes

Project 2021-04 Modifications to PRC-002

Standard Drafting Team Meeting

June 22, 2022 | 2:00 – 4:00 p.m. Eastern

Introduction and Chair's Remarks

Chair M. Patel called the meeting to order at 2:00 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. Rich Bauer (NERC) – Monitoring should not be a big deal for new facilities going in-service. For existing facilities, it is important to have monitoring data. Prefer to require monitoring for all BES facilities. WECC has a requirement to install PMU at every generating facility (unsure of size threshold).

Tracy Kealey – In general, agrees with Rich. For existing facilities, implementation plan should allow enough time (3-5 years) for installing monitoring equipment.

Bret Burford – Maybe a slightly higher implementation time might be helpful. Six years were allowed for PRC-002-2. It is wise to not develop a criterion to pick and choose facilities. Consider some sort of compromise, if possible. ERCOT's rule – After 2017, generating facilities > 20 MVA is required to have a PMU.

Where to monitor? High-side of main step-up transformer only or also on inverter terminals?

Rich Bauer (NERC) – ideally, high resolution data at inverter terminals would be really helpful but from practical perspective at least gather data on collector feeder level.

Amy Key – considering NERC disturbance reports, agrees that monitoring should be done on low-side (collection system) as well. However, if collector feeder/bus is not a BES facility then can monitoring be required?

Assuming aggregate facility rating > 75 MVA – each individual inverters are BES facility.
Terry Volkmann – ask for monitoring on inverter terminals but give an option that in lieu of monitoring each inverter, GO may choose to monitor collector feeders.

Attachment 1 – keep untouched or modify?

Bret Burford – should be kept untouched. The list of buses per analysis in attachment 1 is owned by TOs. Add a requirement that monitoring is required on BES IBR facilities.

Amy Key – Large systems, POI bus (owned by TO) interconnecting BES IBR facility might be identified per procedure in attachment 1 and TO may install DME. This may result in a redundant monitoring.

3. Other

- a. Next Meeting: July 27, 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	6/22/2022
Ben Wu	NERC	Secretary	6/22/2022
Bret Garner Burford	American Electric Power	Member	6/22/2022
Tracy Kealy	Bonneville Power Administration	Member	6/22/2022
Rich Bauer	NERC	NERC Staff	6/22/2022
Amy Key	MidAmerican Energy Company	Member	6/22/2022
Lauren Perotti	NERC	NERC Staff	6/22/2022
Terry Volkmann	Volkmann Consulting	Member	6/22/2022
Joseph Gatten - Xcel Energy	Xcel Energy	Observer	6/22/2022
Dennis Fuentes-Pedrosa	FERC	Observer	6/22/2022
Juan Villar	FERC	Observer	6/22/2022
Scott Barfield	NERC	NERC Staff	6/22/2022
Mike Brytowski	GREnergy	Observer	6/22/2022
Brian Mullins	PGE	Observer	6/22/2022
Mike Johnson	PGE	Observer	6/22/2022
Angie Hall	POPUD Org.	Observer	6/22/2022
Scott King	Southern Company Services	Observer	6/22/2022
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Don Burkart	Con Edison	Member	6/22/2022