

Meeting Notes

Project 2021-02 Modifications to VAR-002

April 18, 2022

Conference Call

Administrative

1. Introductions

The meeting was brought to order by the Chair, David Daniels at 11:02 a.m. Eastern on Monday, April 18, 2022.

2. Determination of Quorum

The rule for NERC Standard Drafting Team (SDT or team) states that a quorum requires two-thirds of the voting members of the SDT. Quorum was achieved as 7 of 10 total members were present.

3. NERC Antitrust Compliance Guidelines and Public Announcement

NERC Antitrust Compliance Guidelines and public announcement were reviewed by Laura Anderson, NERC staff. There were no questions raised.

4. Roster Updates

The team reviewed the team roster and confirmed that it was accurate and up to date.

Agenda

1. Review of SAR development process and considerations for the SAR Drafting Team (SAR DT) – Laura Anderson, NERC staff

1. Discussion

- a. The SAR team discussed Attachment 5 recommendations from the Project 2016-EPR-02
 - The SAR DT can make revisions to the SAR base on comments received from industry or if a reliability issues has been identified.
 - The SAR DT responds to comments received from the prior posting, revises the SAR if necessary, and moves forward to the Standards Committee for (1.) acceptance of the SAR, (2.) approve the SAR Drafting Team as the Standard Drafting Team (SDT), and (3.) authorize development of the project.
 - The SAR captures the scope of the project. Many issues raised in the comments received from industry would be items tasked to the future SDT during development, not as items to be vetted during the SAR phase.
 - The SAR Drafting Team needs to determine SAR revisions based on comments received; and, in particular the following two issues: (1.) to retain or remove the Project 2016-EPR-02 recommendations in the SAR and (2.) to retain or remove the reference to the Odessa report within the SAR.

- b. The key finding from the Odessa Report the SAR Drafting Team is looking at is: “Inverters from one manufacturer are programmed to gate block (a form of momentary cessation) rather than open the inverter ac circuit breaker for fault events in order to prevent overuse of the breaker. However, this leads to the inverter output capacitors remaining connected to the BPS when the inverter current injection is ceased. This leads to a fixed reactive power injection during these times with no ability to control voltage post-contingency. This type of behavior was not known by ERCOT prior to the event analysis nor is this type of behavior supporting the BPS post-fault.”
- c. The SAR DT Drafting Team conducted an informal poll after discussion of these issues and determined: (1.) that the reference in the SAR to the Project 2016-EPR-02 recommendations would be retained, and (2.) that the reference to the Odessa Report itself in the SAR would be removed (however, the team will carry some language of the key finding for the future SDT to consider).
- d. The informal poll returned the following results:
 - 6 of the 7 present SAR DT members polled agreed to retain revisions to the SAR from the original SAR;
 - 6 of the 7 present SAR DT members polled agreed to retain revisions in the SAR to capture the Project 2016-EPR-02 recommendations; and
 - 5 of the 7 present SAR DT members agreed that there should be removal of the reference to the Odessa report.

2. Action Item Review

- a. Draft responses to comments received regarding the Project 2016-EPR-02 recommendations – Eric White
- b. Draft responses to comments received regarding the Odessa Report – David Daniels
- c. Draft revisions of the SAR – Sean McCormick
- d. Draft language for summary responses regarding the SAR process – Laura Anderson

3. Future meeting(s)

- a. April 28, 2022 – WebEx

4. Adjourn

The meeting adjourned at 12:13 p.m. Eastern on April 18, 2022

Attendance				
Name	Company	Member/ Observer	In-person (Y/N)	Conference Call (Y/N)
David Daniels	AEP	Member	N	Y
Adrian Raducea	DTE Electric	Member	N	Y
Hans de Boer	Utility Services	Member	N	Y
C. Scott King	Southern Company Services, Inc.	Member	N	Y
Eric White	BHE Renewables, LLC	Member	N	Y
Sean McCormick	ACT Power Services, LLC	Member	N	Y
Gabe Kurtz	TVA	Member	N	Y
Joseph Gatten	Excel Energy	Observer/ PMOS Liaison	N	Y
Laura Anderson	NERC	NERC Staff	N	Y
Darrel Richardson	NERC	NERC Staff	N	Y
Cindy Jackson	NERC	NERC Staff	N	Y
James Oddy	FERC	Observer	N	Y
David O'Connor	FERC	Observer	N	Y
David Plumb	TVA	Observer	N	Y
Ashley Kaeplinger	AEUG	Observer	N	Y
Sam Dwyer	Ameren	Observer	N	Y
Sing Tay	OGE	Observer	N	Y
Mark Garza	First Energy Corporation	Observer	N	Y
Anna Todd	Bray International	Observer	N	Y

Attendance				
Name	Company	Member/ Observer	In-person (Y/N)	Conference Call (Y/N)
Tricia Bynum	PJM Interconnection	Observer	N	Y
Jalen Tarvin	CAMS	Observer	N	Y