

Meeting Minutes

Project Management and Oversight Subcommittee (PMOS)

March 22, 2022 | 2:30 – 4:30 p.m. Eastern

Introduction and Chair's Remarks

Chair C. Yeung called the meeting to order at 2:30 p.m. Eastern. The meeting was announced and publicly posted on the www.nerc.com website on March 16, 2022. The Chair provided the subcommittee with opening remarks and welcomed members¹ and guests. See **Attachment 1** for those in attendance. The attendance was taken by the PMOS secretary.

NERC Antitrust Compliance Guidelines, Participant Conduct Policy and Public Announcement

The NERC Antitrust Compliance Guidelines, NERC Participant Conduct Policy, and the Public Announcement were presented and reviewed by the secretary. The secretary noted the full antitrust guideline, participant conduct policy and public announcement were provided in the agenda package to each member via email and posted on the PMOS webpage.

Agenda Items

1. Consent Agenda

- a. The January 18, 2022 PMOS Meeting Minutes were reviewed. The motion to approve the meeting minutes was moved by J. Gatten and seconded by R. Darrah, then approved by the PMOS.

2. Prior Action Items

- a. Regarding the NERC travel policy and restrictions due to COVID-19, PMOS secretary updated the group that NERC will continue to utilize WebEx to conduct meetings until further notice. The next in-person meeting is tentatively scheduled for July 19, 2022.

¹ The PMOS is composed of industry stakeholders where the chair or vice chair must be a member of the Standards Committee (SC) and the SC leadership are non-voting members of the PMOS.

3. PMOS Action Items

The action items were reviewed, and several PMOS liaisons were assigned to the projects which had vacancies.

4. Membership Review

The Chair and Vice Chair approved the membership for Claudine Fritz (Exelon Corporation), Ellese Murphy (Duke Energy), and Pamela Hunter (Southern Company) for a two year term. Their membership term will officially start on March 22, 2022 and end on December 31, 2023.

5. Project Tracking Spreadsheet (PTS) and Project Review

a. 2016-02 – Modifications to CIP Standards:

K. Lanehome reported: The SDT worked on responses to themes derived from Industry responses from the September ballot and comment. A 45-day formal comment period for the CIP Virtualization suite of standards (outlined below) is open through 8 p.m. Eastern Monday, April 4, 2022 (Draft 3). Now extended to April 11, 2022.

b. 2017-01b – Modifications to BAL-003-1:

L. Lynch reported: The SDT met on January 25, February 16, and 24, 2022. The SDT will complete instructions for the Form industry will use to complete data submittals. The SDT will also complete the revisions to Attachment A.

c. 2019-04 – Modifications to PRC-005:

J. Gatten reported: In the SC's February 16, 2022 meeting, SC appointed the additional candidates for Project 2019-04 Modifications to PRC-005-6 to the Project 2019-04 Standard Drafting Team (SDT), as recommended by NERC staff. The team divided into three sub-teams to work on the following issues: Definition approach; Minimum Facilities; and Battery. The SDT met for the first time on February 18, 2022 to begin work on revisions to the Standard's requirements. The sub-teams are conducting meetings and will bring their work to the SDT for vetting.

d. 2020-02 – Transmission-connected Resources:

L. Lynch reported: SAR DT members reviewed industry comments related to the SAR, and posted response to comment in February. A revised SAR will be presented to SC in April, which includes definitions for transmission-connected dynamic reactive resources (TCDRR) and revisions to PRC-024. They will also advise projects 2020-06 (MOD-026 & -027) and 2021-01 (MOD-025 and PRC-019), on revisions to those standards for TCDRR facilities (FACTS devices, HVDC, synchronous condensers).

e. 2020-03 – Supply Chain Low Impact Revisions:

K. Rosener reported: The SDT performed an industry webinar on Wednesday, March 16th to provide additional information to Entities as they review the current draft changes to CIP-003. A 45-day formal comment period for reliability standard CIP-003-X - Cyber Security — Security Management Controls, is open through 8 p.m. Eastern, Monday, April 15, 2022.

f. 2020-04 – Modifications to CIP-012-1:

S. Habriga reported: This project addresses a directive issued by the Federal Energy Regulatory Commission (FERC) in Order No. 866. The goal is to develop modifications to the CIP Reliability Standards to require protections regarding the availability of communication links and data communicated between the bulk electric system Control Centers. The Standards Committee authorized an initial posting of CIP-012-2 during its meeting on April 21. The draft Standard and Implementation plan was posted for a 45-day formal comment and ballot period ended on June 9. The draft standard did not pass the initial ballot. The drafting team most recently met on September 29, 2021 to continue reviewing and responding to industry comments. A second formal comment period was posted on November 30, 2021 for 55 days for CIP-012-2 as well as the Implementation Plan. The standard drafting team's considerations of the responses received from the previous comment period are reflected in this draft of the standard.

g. 2020-05 – Modifications to FAC-001-3 and FAC-002-2:

A. Oswald reported: Drafting team is in the process of reviewing comments received during initial ballot and assigned individuals are in the initial stages of drafting responses to the comments to present to the full team at upcoming drafting team meetings. Since the project passed ballot, the drafting team will need to discuss the comments and decide if they warrant changes to the standard language, which would result in needing an additional ballot, or if they can be responded to through response to comments or changes in the TR or IG, which would mean the team can move immediately to final ballot. Upcoming drafting team meetings scheduled for 3/21, 3/24, 3/28, and 3/30.

h. 2020-06 – Verifications of Models and Data for Generators:

C. Larson reported that: The SDT has held multiple meetings to discuss revisions to MOD-026/027, Attachment 1 (periodicity), and the technical rationale. The SDT has set a goal for an April 2022 initial posting.

i. 2021-01 – Modifications to MOD-025 and PRC-019:

L. Lynch reported: The SDT was appointed in December 2021. At SDT meetings in February and March, the team outlined high-level options for MOD-025 based on the SAR, and narrowed down to two options. The SDT will outline process to verify generator capability using composite capability curve (synchronous and IBR), and determine purpose of staged testing within MOD-025. Concurrently, the team is revising PRC-019.

j. 2021-02 – Modifications to VAR-002-4.1:

R. Darrah reported: Formal comment period and solicitations for nominations for SAR drafting team closed on May 13, 2021. At the Standards Committee meeting on July 21, 2021, the SC appointed the chair, vice chair, and members to the Project 2021-02 Modifications to VAR-002-4.1 SAR drafting team as NERC Staff recommended. The SAR drafting team is reviewing/responding to industry comments received and updating the SAR based on industry comments. The SAR will post for industry comments on the updated SAR in February 2022.

k. 2021-03 – Transmission Owner Control Centers (TOCC):

L. Lynch/J. Mallory reported: At the SC's February 16, 2022 meeting, SC Assigned one CIP-002 Standard Authorization Request (SAR) and one CIP-002 Request for Interpretation (RFI) to Project 2021-03 – CIP-002 Transmission Owner Control Centers; and Authorized for solicitation of supplemental standards drafting team (SDT) members. SAR DT met on February 17 and 22, 2022, to discuss the responses to the 1st questionnaire and to finalize the 2nd questionnaire. On February 22, Questionnaire #2 along with the power flow study were distributed to the TOCC participants to allow for additional time to complete the Power Flow study. The SAR DT is currently waiting for 2nd questionnaire responses and completion of the Power Flow study.

l. 2021-04 – Modifications to PRC-002-2:

M. Brytowski reported: The SC accepted the Project 2021-04 Modifications to PRC-002 Standard Authorization Requests (SARs); Authorized drafting revisions to the Reliability Standards identified in the SARs; and Appointed the Project 2021-04 SAR Drafting Team (DT) as the Project 2021-04 Standard Drafting Team (SDT) at the SC's 2022 January meeting (January 19, 2022). The SDT finished Phase I (Glencoe Light SAR) and sent the redlined Standard/Requirements to the Quality Review Team for reviewing and comments. The SDT is planning on submitting the redlined Standard/Requirements along with Implementation plan to the Standards Committee (in May) to approve for initial posting and comments.

m. 2021-05 – Modifications to PRC-023-4:

B. Wu reported: Upcoming drafting team meetings scheduled for 3/21 and 4/4. Discussions regarding whether technical justification exists for retirement of R2 without otherwise modifying other requirements to achieve the objective of FERC Order 733 versus modifying R2 and/or moving R2 under a different standard; discussion is ongoing.

n. 2021-06 – Modifications to IRO-010 and TOP-003:

M. Brytowski reported: A 30-day informal comment period for the 2021-06 Modifications to IRO-010 and TOP-003 Standard Authorization Request, is open through 8 p.m. Eastern, Friday, August 6, 2021. The nomination period for SAR Drafting Team has been extended to August 16, 2021.

o. 2021-07 – Extreme Cold Weather Grid Operations, Preparedness, and Coordination

M. Brytowski reported: This is a fast move project. A 30-day formal comment period for the Project 2021-07 Extreme Cold Weather Grid Operations, Preparedness, and Coordination Standard Authorization Request (SAR), was closed on Tuesday, December 21, 2021. At the SC's February 16, 2022 meeting, SC delegated to the Standards Committee Executive Committee (SCEC) authority to take action on the Project 2021-07 Extreme Cold Weather Grid Operations, Preparedness, and Coordination Standard Authorization Request (SAR) to:

- Accept the revised Project 2021-07 Extreme Cold Weather Grid Operations, Preparedness, and Coordination SAR;
- Authorize drafting revisions to the Reliability Standard(s) identified in the SAR; and

- Appoint the Project 2021-07 Extreme Cold Weather Grid Operations, Preparedness, and Coordination SAR Drafting Team (DT) as the Project 2021-07 Standard Drafting Team (SDT).

On February 25, 2022, the SCES took action and moved the project along.

p. 2021-08 – Modifications to FAC-008-5

B. Wu reported: A formal comment period for the Project 2021-08 Modifications to FAC-008-5 Standard Authorization Request (SAR) was closed on January 27, 2022. NERC also solicited nominations for volunteers to serve on the SAR drafting team. NERC staff is currently reviewing the nominees' background, experience, and skills and planning on recommending members, chair, and vice chair to the SAR Drafting Team at the SC's meeting in April, 2022.

q. 2022-01 – Reporting ACE Definition and Associated Terms

B. Wu reported: A comment period for the Project 2022-01 Reporting ACE Definition and Associated Terms Standard Authorization Requests (SARs) is currently posted through March 10, 2022. NERC also solicited nominations for volunteers to serve on the SARs drafting team.

r. 2022-02 – Modifications to TPL-001-5.1 and MOD-032-1

B. Wu reported: A comment period for the Project 2022-01 Modifications to MOD-032 and TPL-001 Standard Authorization Requests (SARs) closed on March 02, 2022. NERC also solicited nominations for volunteers to serve on the SARs drafting team. The SAR Drafting Team members is expected to be selected by the end of April, 2022.

6. Other

a. Next meeting:

Conference call on Tuesday, May 17, 2022 from 2:30 - 4:30 p.m. Eastern

7. Adjournment

The meeting was adjourned at 3:44 p.m. Eastern.

Attachment 1 (March 22, 2022)

Name	Company	Member/Observer	Date
Charles Yeung	Southwest Power Pool, Inc.	Chair	3/22/2022
Michael Brytowski	Great River Energy	Vice Chair	3/22/2022
Ben Wu	NERC	Secretary	3/22/2022
Kirk Rosener	CPS Energy	Member	3/22/2022
Ken Lanehome	BPA	Member	3/22/2022
Linda Lynch	NextEra Energy Florida Power & Light	Member	3/22/2022
Rebecca Moore Darrah	ACES Power	Member	3/22/2022
Joseph Gatten	Xcel Energy	Member	3/22/2022
Sarah Habriga	ATC LLC	Member	3/22/2022
Ellese Murphy	Duke Energy	Member	3/22/2022
Pamela Hunter	Southern Company	Member	3/22/2022
Todd Bennett	Associated Electric Cooperative	SC Vice Chair	3/22/2022
Latrice Harkness	NERC	NERC Staff	3/22/2022
Jordan Mallory	NERC	NERC Staff	3/22/2022
Chris Larson	NERC	NERC Staff	3/22/2022
Josh Blume	NERC	NERC Staff	3/22/2022
Marisa Hecht	NERC	NERC Staff	3/22/2022
Alison Oswald	NERC	NERC Staff	3/22/2022
Scott Barfield	NERC	NERC Staff	3/22/2022
Mark Spencer	LS Power	Observer	3/22/2022
Claudine Fritz	Exelon Corp	Observer	3/22/2022
Beverly Laios	AEP	Observer	3/22/2022
Mike Johnson	PGE	Observer	3/22/2022