

# Meeting Minutes

## Project Management and Oversight Subcommittee (PMOS)

September 20, 2022 | 2:00 – 4:00 p.m. Central Time

### Introduction and Chair's Remarks

This was an in-person meeting hosted by ERCOT. Chair C. Yeung called the meeting to order at 2:00 p.m. Central Time (local time). The meeting was announced and publicly posted on the [www.nerc.com](http://www.nerc.com) website. The Chair provided the subcommittee with opening remarks and welcomed members<sup>1</sup> and guests. See Attachment 1 for those in attendance.

### 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 B. Wu. Mr. Wu 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 July 19, 2022 PMOS Meeting Minutes were reviewed. K. Rosener made a motion to approve the meeting minutes, seconded by J. Gatten and then approved by the PMOS members

#### 2. Prior Action Items

- a. For the COVID update, NERC will follow CDC's policy. All in-person meetings will be reviewed on a case-by-case basis. COVID update will be removed from future meeting agenda unless it is necessary to bring it up again.

#### 3. PMOS Action Items

- a. PMOS action items review: no outstanding action items at this time.

#### 4. Project Tracking Spreadsheet (PTS) and Project Review

- a. 2016-02 – Modifications to CIP Standards:  
  
K. Lanehome reported: The SDT has posted 11 draft standards for formal comment, as well as some new and updated NERC Glossary definitions. The ballots will be open September 28-October 7. An industry webinar was held on September 12 to go over the proposed updates and answer questions.

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<sup>1</sup> 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.

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

L. Anderson reported: A formal 45-day initial comment period with 10-day ballot began on July 25th for the BAL-003 Phase II standard and implementation plan, as well as a non-binding poll of the associated Violation Risk Factors and Violation Severity Levels and ended on September 7th. An industry webinar was conducted on August 23 (recording) and August 25, 2022 (live with Q&A at the end of the presentation). The SDT will meet on September 27, 28 and 29 to review and respond to industry comments received and work to move the project to an additional formal 45-day comment period with 10-day ballot.

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 is developing the project and anticipates 45-day initial posting with 10-day ballot in November.

d. 2020-02 – Transmission-connected Resources:

J. Gatten reported: Revised transmission-connected dynamic reactive resources (TCDRR) SAR accepted by SC at April 20 meeting. SDT began revisions to PRC-024 and drafting Technical Rationale. There is a new SAR proposing a ride-through standard, which would replace/revise PRC-024-3. This be submitted to the SC on May 18. The next steps for Project 2020-02 will be coordinated appropriately.

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

K. Rosener reported: The project passed third ballot with 66.8% and the team is working towards final ballot which will occur in October. The team is working towards to November Board meeting.

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

S. Habriga reported: The team is reviewing comments from QR this week working toward the third posting. The expected posting date is the week of October 4th. Update additional ballot 3 dates to show Oct 6 – Nov 19<sup>th</sup>. Final Ballot will be in January 2023.

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

S. Habriga/ E. Murphy reported: The initial comment period for MOD-026-2 (combined MOD-026/027) ended on July 6, 2022. The SDT members are drafting response to industry comment, and revising MOD-026-2 and associated documents. An additional posting is planned for late October/early November.

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

K. Rosener reported: Quality Review was complete for MOD-025-3 and PRC-019-3 on August 29. Request to authorize initial posting at Sept. 21 SC meeting; Initial posting scheduled for Sept. 29 until mid. November

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

R. Darrah reported: Quality review of draft standard and implementation plan underway. Expected completion September 22. At September SC meeting, will request approval of additional SDT members. At October SC meeting, will request approval for 45 day initial posting with 10-day ballot period. Developer to reach out to 2021-06 Modifications to IRO-010 and TOP-003 drafting team leadership this week. If the teams recommend coordination of implementation plans for both projects, this will delay 2021-02. If approved on initial posting (developer is hopeful) standard could get to BOT for approval in March 2023, in accordance w/ schedule in tracking sheet. If it goes to additional ballot, projecting it going to BOT in May 2023. See issues section for other potential complications.

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

K. Lanehome reported: SAR DT met on March 25, April 22, and May 13, 2022. SAR DT responses to Questionnaire #2 (Q2), power flow studies, and one-line diagrams have been completed. Q1 and Q2 are posted on the NERC website and the team is working to update the public documents with the power flow studies and one-line diagrams with information that can be publicly shared. The team will be reviewing the power flow studies and one-line diagrams to determine if additional information (Q4) will be needed. If a 4th Questionnaire is necessary, it will be distributed on or around September 6, 2022. Next scheduled meeting will be on May 13, 2022. Other detailed schedule of activities below.

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

M. Brytowski reported: This project passed with 69% addressing the Glencoe SAR from initial posting. SDT is currently working on the second posting. The second posting is scheduled for September 26, 2022 with a 45 day comment period. The SDT will review the comments and provide responses after that.

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

A. Westenkirchner reported: The Standard Drafting Team concluded to retire Requirement R2 with the reasoning mentioned in the justification document. The next step would be to send the modified Standard, Implementation Plan, along with the technical justification document for quality review. Then it will go to the SC for approval in September, 2022.

m. 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. The initial comment period is scheduled for October 25, 2022 with ballot for the last 10 days.

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

M. Brytowski/K. Rosener reported: The project passed second ballot for EOP-012-1. EOP-011-3 passed initial ballot. The team is now working towards final ballot to meet the September 30,

2022 NERC Board deadline. Update additional ballot dates to reflect the posting which was 8/3 – 9/1, 2022; Final Ballot Dates: 9/23 – 9/30.

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

K. Lanehome reported: The SAR DT met thirteen times (including the Project kickoff meeting) from May 10, 2022 through August 16, 2022 to review and make revisions to the SAR. The team discussed and considered industry comments during this process. The redlined and clean version SAR has been submitted to the SC for approval at their September meeting.

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

C. Fritz 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. The SAR DT is currently reviewing the comments received from the industry and redlining the SAR.

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

E. Murphy reported: A comment period for the Project 2022-02 Modifications to MOD-032 and TPL-001 Standard Authorization Requests (SARs) closed on March 02, 2022. SC appointed chair, vice chair, and members to the SAR Drafting Team at the SC's April meeting. The SAR DT finished reviewing the comments received from the industry and redlined the SARs. The redlined and clean version SARs have been sent to the SC for approval at their September meeting. Once approved, the Standard Drafting Team will start working on the Standards (MOD-032 and TPL-001).

r. 2022-03 – Energy Assurance with Energy-Constrained Resources - Update –TBD

K. Lanehome reported: The SDT held multiple a non-public meeting over the past month to review the highly confidential and proprietary data received from the field test. A public meeting was held on September 7 to update industry on the status of the project and that there will be a questionnaire 3 distributed from September 14 through September 30. The team hopes this will be the last questionnaire and that the team will be able to wrap up the data study following the completion of this questionnaire. The SDT will review questionnaire 3 over the month of October and plans to have a public call in early November to update industry and provide the next plans going forward for this project.

s. 2022-04 – EMT Models in NERC MOD, TPL, and FAC Standards - Update –TBD

B. Wu reported: On July 20, 2022, the SC accepted the following Standard Authorization Request (SAR) that was endorsed by the Reliability and Security Technical Committee (RSTC) and is recommended by NERC staff: SAR to revise three existing NERC Reliability Standards (i.e., FAC-002, MOD-032, and TPL-001), submitted by the Inverter-Based Resources Performance Subcommittee (IRPS). The SC also authorized posting of the SAR for a 30-day informal comment period; and authorized solicitation of the SAR drafting team (DT) members. Nominations are being sought for Project 2022-04 EMT Modeling Standard Authorization Request (SAR) drafting team members through 8 p.m. Eastern, Tuesday, September 13, 2022.

## **5. Other**

- a. PMOS Roster update: L. Lynch is retiring. PMOS will post for nominations in the 4<sup>th</sup> quarter this year for additional PMOS liaisons.
- b. Project assignments: P. Hunter will become the Primary liaison for Project 2017-01b; K. Rosener will be the primary liaison for Project 2021-01; E. Murphy will be the primary liaison for Project 2021-03; C. Fritz is assigned as the primary liaison and C. Yeung is assigned as the backup liaison for Project 2202-04.
- c. Next meeting (WebEx):  
Tuesday, October 18, 2022 from 2:30-4:30 p.m. Eastern

## **6. Adjournment**

The meeting was adjourned at 3:40 p.m. Central Time.

**Attachment 1 (September 20, 2022)**

<b>Name</b>	<b>Company</b>	<b>Member/Observer</b>	<b>Date</b>
Charles Yeung	Southwest Power Pool, Inc.	Chair	9/20/2022
Michael Brytowski	Great River Energy	Vice Chair	9/20/2022
Ben Wu	NERC	Secretary	9/20/2022
Kirk Rosener	CPS Energy	Member	9/20/2022
Ken Lanehome	BPA	Member	9/20/2022
Anthony Westenkirchner	Eergy	Member	9/20/2022
Rebecca Moore Darrah	ACES Power	Member	9/20/2022
Joseph Gatten	Xcel Energy	Member	9/20/2022
Sarah Habriga	ATC LLC	Member	9/20/2022
Murphy, Ellese	Duke Energy	Member	9/20/2022
Claudine Fritz	Exelon Corp	Member	9/20/2022
Amy Casuscelli	Xcel Energy	SC Chair	9/20/2022
Latrice Harkness	NERC	NERC Staff	9/20/2022
Josh Blume	NERC	NERC Staff	9/20/2022
Chris Larson	NERC	NERC Staff	9/20/2022
Lauren Perotti	NERC	NERC Staff	9/20/2022
Laura Anderson	NERC	NERC Staff	9/20/2022
Brian Capistrant	Xcel Energy	Observer	9/20/2022
Jordan Mallory	NERC	NERC Staff	9/20/2022
Kimberlin Harris	NERC	NERC Staff	9/20/2022
Sing Tay	AES	Observer	9/20/2022
Ruida Shu	NPCC	Observer	9/20/2022
Rachel Coyne	Texas RE	Observer	9/20/2022
Ronald Bennett	AECI	Observer	9/20/2022
Troy Brumfield	Atc LLC	Observer	9/20/2022
7735313199	???	Observer	9/20/2022
Elsa Prince	NERC	NERC Staff	9/20/2022
Mike Johnson	PGE	Observer	9/20/2022
CK	ERCOT	Observer	9/20/2022