

Meeting Minutes

Project Management and Oversight Subcommittee (PMOS)

March 20, 2019 | 8:00 p.m. – 10:00 a.m. Central

Introduction and Chair's Remarks

Chair C. Yeung called the meeting, held in-person at Austin Energy in Austin, Texas, to order at 8:01 a.m. Central. The meeting was announced via the PMOS email distribution list on March 13, 2019 as well as being publicly posted on nerc.com. The chair provided the subcommittee with opening remarks and welcomed members¹ and guests. The secretary, C. Yeung, had each attendee in attendance both in-person and remotely identify themselves. Those in attendance included:

Members: Charles Yeung (PMOS chair), Michael Brytowski (PMOS vice chair), Colby Bellville (remote), Ken Lanehome, Mark Pratt, and Kirk Rosener. A quorum of voting members (i.e., six of nine) were present along with non-voting members Andrew Gallo and Amy Casuscelli.

Observers: from industry: John Allen, Todd Bennet, Yee Chou, Rachel Coyne, Venona Greaff, Matthew Harward, Lin Oelker, Alexander Vedvik, Douglas Webb, William Winters, Kimberly Zimmerman, and Guy Zito; from FERC: Michael Gildea; from NERC: Scott Barfield-McGinnis (secretary), Howard Gugel, Soo Jin Kim, Jordan Mallory, and Lauren Perotti.

NERC Antitrust Compliance Guidelines and Public Announcement

NERC Antitrust Compliance Guidelines and Public Announcement were presented and reviewed by the secretary. The secretary noted the full antitrust guidelines and public announcement were provided in the agenda package to each member via email and posted on the PMOS webpage. There were no questions.

NERC Participant Policy

The secretary noted that the revised NERC Participant Policy was included in the meeting announcement and that there would be a full presentation of the policy during the Standards Committee meeting following this meeting.

Agenda Items

1. Review of Agenda

C. Yeung reviewed the agenda with members and attendees.

2. Consent Agenda

The February 13, 2019 Meeting Minutes were reviewed, not amended, and the agenda and the Meeting Minutes were approved by unanimous consent.

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. Review of Prior Action Items

S. Barfield-McGinnis reported on the following action items from the February 13, 2019 in-person meeting:

- a. Follow up with the Project 2016-02d Standards Developer to consider a rebase for aligning the project to 18 months. (In progress pending team work in April)
- b. Create a Phase II of Project 2017-01 (BAL-003) that will address IFRO and FRM, for example. (Complete)
- c. Archive Project 2018-01 (TPL-007-2, Canadian GMD Variance) as it was filed with regulatory authorities on December 7, 2018. (Complete)
- d. On the March 20, 2019 PMOS Agenda, show the action for Project 2018-02 (CIP-008) as “archive” pending the filing. (Complete)
- e. Add C. Yeung to Project 2018-04 and confirm he is on the distribution list. (Complete)
- f. Add M. Brytowski and L. Lynch as the PMOS Liaisons for Phase II of the SER project and confirm they are on the distribution list(s). (Complete)

4. Project Tracking Spreadsheet (PTS) and Project Review

a. 2015-09 – Establish and Communicate System Operating Limits (SOL) – K. Lanehome reported:

The standard drafting team (SDT) held webinar on February 21 and is review reviewing survey feedback. The logging/reporting issue and the proposed way forward is on the agenda for the March SC meeting. Lastly, an ad-hoc team is working with the Critical Infrastructure Protection (CIP) SDT to address CIP-002 criterion regarding IROLs. A meeting is scheduled this week and the CIP SDT will handle posting for additional ballot in April.

b. 2016-02 – Modifications to Critical Infrastructure Protection (CIP) Standards – K. Lanehome reported the following:

- i. (2016-02c) CIP-002-5.1a: The SOL SDT to address criterion regarding IROLs in Project 2015-09 and will look to achieve consensus before posting for additional comment and ballot anticipated in April. J. Mallory added that an ad-hoc team is working with the Critical Infrastructure Protection (CIP) SDT to address CIP-002 criterion regarding IROLs. A meeting is scheduled this week and the CIP SDT will handle posting for additional ballot in April.
- ii. (2016-02d) Version 5 TAG, Cyber Asset and BES CA (BCA) definitions, Network and Externally Accessible Devices (ESP, ERC, IRA), Virtualization, and CIP Exceptional Circumstances: The SC has approved a request from the SDT to add members to the team and the SDT has been working on a white paper and executive summary to explain why changes to the standards are necessary. A virtualization webinar is planned for April and a schedule is to be determined and presented at the May PMOS conference call meeting. S. Kim added the white paper will be stating “a case for

change” from the SDT describing the need for Reliability Standards to evolve based on changes in technology.

- iii. (2016-02e) – CIP-003-8 Malicious Code (FERC Order #843 Malicious Code Example Directive): The standard passed ballot in 2018 and has been on hold due to the implementation timeline being tied to the passage of CIP-002. NERC legal has assisted in modifying language to no longer be dependent on CIP-002 and is in the review process with NERC and will be reviewed by the SDT. The standard is expected to go to final ballot in April.
- c. 2017-01 – Project 2017-01 Modifications to BAL-003-1.1 – S. Kim reported the following:
 - Phase I:** Phase 1 will proceed to final ballot, but a date has yet to be determined due to NERC staff is conducting a study regarding Interconnection Frequency Response Obligation (IFRO) to ensure there will not be reliability issues created by any SDT proposed changes. The completion date of the study is still undetermined, but with a possibility of a May NERC Board approval. There are no anticipated issues at this time.
 - Phase II:**
The SDT is working on the questions and format for the Technical Conference scheduled for March 26 in Atlanta. For Phase II, the SDT is developing a formal problem statement and objectives. There are 4 elements in the Standard Authorization Request (SAR) that will be addressed:
 1. IFRO (Load response, mix, and type of generation);
 2. Allocation – Existing and possible;
 3. FRM (Frequency Response Measure) – Plan for monitoring; and
 4. Appropriate Registered Entities | Equitable allocations.Following the technical conference, the SDT will meet on March 27-28 to realign Phase II work based on the feedback.
- d. 2017-03 – Periodic Review of FAC-008-3 Standard – No report as the project is on hold pending the outcome of the SER project.
- e. 2017-04 – Periodic Review of Interchange Scheduling and Coordination Standards – No report as the project is on hold pending the outcome of the SER project.
- f. 2017-05 – Project 2017-05 NUC-001-3 Periodic Review – No report as the project is on hold pending the outcome of the SER project.
- g. 2017-07 – Standards Alignment with Registration – No report as the project is on hold pending the outcome of the SER project.
- h. 2018-03 – Standards Efficiency Review Phase I – M. Pratt reported the following:

The Standard Authorization Request (SAR) SDT is recommending 83 Requirements (~78% of the original SAR) including 12 Standard. There was discussion on industry’s difficulty of managing 17 different ballots for this project in the Standards Balloting System (SBS). An Industry Webinar is planned to be held March 21, 2019 to facilitate industry’s understanding of the technical rationale for each proposed retirement. The remaining

Requirements not being retired under Phase I have been handed off to Phase II for consideration. The SC approved for initial posting to end on April 12, 2019.

S. Barfield-McGinnis provided an update of what the Phase II subteam is addressing. The four member team (i.e., John Allen, Gary Nolan, Charles Rogers, and Bob Staton) will be identifying which Reliability and Standards that could not be outright retired and those that the Efficiency Concept team will address (i.e., the delta). The subteam will have an in-person meeting the day before the SER Phase II team meets April 17-18 at NERC in Atlanta, Georgia.

- i. 2018-04 – Modifications to PRC-024-2 – C. Yeung reported:
The SDT met February 26-27, 2019 and held a conference call on March 7, 2019 as part of their expedited schedule. They have plans to post for an initial comment and ballot by April 17, 2019. The SDT is meeting March 18-20, 2019 in Washington, DC to continue the “SAR Scope” revisions that include developing “proposed solutions” and to address a list of action items. There are no pressing issues this time.
- j. 2019-01 - Modifications to TPL-007-3 – C. Yeung requested a volunteer from the membership to be the liaison for the project. M. Brytowski volunteered to oversee the project.

5. Other

a. PTS Project Historical Look

S. Barfield-McGinnis gave a presentation of an analysis he conducted on the PTS. In summary, he populated data from Archived Reliability Standards Under Development projects webpage. He showed graphically in a chart the total number of days it took to complete a project from the SAR start date as the beginning to the Final Ballot end date as the ending point. The chart revealed that older projects (i.e., pre-2008) had substantially longer (i.e., >2,000) days to complete. This was attributed to early projects requiring SDTs to conduct the technical research sometimes lasting years before actually posting a project. Among other things, the chart clearly revealed that the typical time to complete a project is converging on 18 months and less.

A part of the analysis was to evaluate the time to complete a project based upon “complexity factors” that effect the duration. S. Barfield-McGinnis explained that the analysis used four complexity factors, which are: (1) the number of affected standards, (2) the priority of the project as assigned by the SC, (3) the number of regulatory directives, and (4) the number of guidance(s) (i.e., “soft directives”). He explained that there was not statistical significance of the four complexity factors due to the small of number of projects available. However, a positive correlation was observed when evaluating the number of directives and priority of a project complexity factors individually. To incorporate all four complexity factors, a weighted average complexity factor was established and resulted in a positive correlation.

Lastly, S. Barfield-McGinnis illustrated graphically how projects in the last five years have performed based on both the PMOS planned time and expected time based on the last ten

years of performance. He also noted that the data is available in the PTS that is publicly posted on the NERC Standards webpage by un hiding the applicable tabs in the Excel® spreadsheet.

b. Subscribing to [NERC mailing lists](#)

S. Barfield-McGinnis demonstrated that the NERC Standards webpage has been updated to end using the “catch all” SARCOMM@NERC.NET email for questions and inquiries. The links that are now available for inquiries and mailing lists direct stakeholders to the NERC Information Technology support system. He highlighted the various options from things like the Standards Balloting System (“SBS”), Coordinated Functional Registration (“CFR”), and “Standards,” which generates a second drop box for refining the request to a SAR, Standards Effective Dates, and Request for Interpretation.

c. Next meeting – Conference Call on May 15 at 1:00-3:00 p.m. Eastern.

6. Action Items

S. Barfield-McGinnis took the following action items to be addressed prior to the next meeting:

a. Add FAC-011 as an affected standard to Project 2015-09.

b. Obtain a baseline schedule from the SDT for Phase 2 of Project 2017-01(b).

c. Add an agenda item for the May 15 conference call concerning the four projects (i.e., 2017-03, 2017-04, 2017-05, and 2017-07) that are currently on hold to address: (1) how to restart these and any other future projects that are on hold from a duration standpoint; (2) the current status of the held projects pending the SER Phase I & II work; and (3) the efforts being made to ensure the projects are reviewed and aligned with the SER outcomes.

d. Remove the listing of Project 2018-01 from the PTS “home page.”

e. Archive Project 2018-02 (CIP-008) in the PTS, including the home and summary pages.

f. Add M. Brytowski as the liaison for Project 2019-01 – Modifications to TPL-007-3

7. Adjournment

C. Yeung adjourned the meeting at 9:28 a.m. Central by consent.