

Reliability Standards and Compliance Subcommittee

WebEx

Thursday, July 19, 2019

9:00 am to 10:00 pm EPT, Valley Forge, PA

1) Administration

a) Call to Order (Mr. Walker)

Subcommittee Members:

Mark Holman, Chair	Manager, Reliability Compliance Department.
Thomas Moleski, Secretary	Sr. Analyst, Reliability Compliance Department.
David Fusek	Appalachian Power Company
Joseph Roettker	Duke Energy Ohio, Inc.
Wayne Harcourt	Duke Energy Ohio, Inc.
Thomas Cichowski	Duquesne Light Company
Jenifer Wehner	Eon
Becky Webb	Exelon
Haibin Sun	Exelon
Quinn Morrison	Exelon Business Services Company, LLC
Ann Carey	FirstEnergy Solutions Corp.
Mark Garza	FirstEnergy Solutions Corp.
Mark Klohonatz	FirstEnergy Solutions Corp.
Richard Straight	FirstEnergy Solutions Corp.
Mike Ferguson	Indeck Energy Services Inc.
Brian Houser	PPL Electric Utilities Corp. dba PPL Utilities
Brenda Truhe	PPL Electric Utilities Corp. dba PPL Utilities
Michelle Longo	PPL Electric Utilities Corp. dba PPL Utilities
Reed Thompson	Public Service Electric & Gas Company
Thomas Buhler	Rockland Electric Company

PJM Staff:

Kristen Foley	Paralegal, Reliability Compliance
Michael Herman	Sr. Engineer, Transmission Planning
Srinivas Kappagantula	Sr. Analyst, Reliability Compliance.
Mark Kuras	Sr. Lead Engineer, Reliability Compliance.
Preston Walker	Sr. Analyst, Reliability Compliance

b) Review of Administrative Documents (Mr. Walker)

- i) Antitrust Guidelines
- ii) Code of Conduct
- iii) Compliance Disclaimer
- iv) Media Statement

There were no questions raised on the administrative documents.

- c) **Approval of Agenda (Mr. Walker)**
The Agenda was approved as presented.
- d) **Approval of the May 16, 2019 Meeting Minutes (Mr. Walker)**
The May 16, 2019 Meeting Minutes were approved as presented.

2) PJM Compliance Activities

- a) **NERC Standard Drafting Team Vacancies (Mr. Walker)**
Mr. Walker advised that there are no vacancies at this time.
- b) **PJM O&P Audit Overview (Mr. Walker)**
Mr. Walker provided an update on PJM's upcoming Operations and Planning Audit by ReliabilityFirst, including the audit timeline, a controls review update, PJM deliverables, and key dates.
- c) **CIP-002, CIP-014 Updates (Mr. Walker)**
Mr. Walker advised that new letters will be sent soon. No facilities have been added; some facilities will be removed.

3) FERC, NERC, and Regional Activities

- a) **Committee Updates**
Mr. Walker advised that there were no committee updates.
- b) **TPL-001-5 FERC NOPR (Mr. Herman)**
Mr. Herman advised that there is a currently an open FERC Notice of Proposed Rulemaking (NOPR) for TPL-001-5, which will replace TPL-001-4. This standard had previously been approved by NERC, but was sent back for more review and comment by FERC. The comment period for this NOPR closes 8/26/2019. Everyone is encouraged to review and submit comments.
- c) **Standards Under Development (Mr. Walker)**
 - i) **Draft Reliability Guideline: Improvements to Interconnection Requirements for BPS-Connected Inverter-Based Resources**
 - (1) This guideline serves as a resource for TOs to consider as they continually develop and enhance interconnection requirements per FAC001-3 and interconnection study requirements per FAC-002- 2.
 - (2) Comments are due 7/24/2019.
 - (3) PJM agrees with recommendations.
 - ii) **Draft Reliability Guideline: Parametrization of the DER_A Model**
 - (1) This reliability guideline provides background on the DER modeling framework previous proposed in other NERC Reliability Guidelines, information on relevant interconnection, and

- how the DER_A model parameters can be modified to account for a mixture of vintages of inverter-interfaced DER.
- (2) Comments are due 8/7/2019.
 - (3) PJM will provide comments.
 - iii) Workshops
 - (1) Standards and Compliance Workshop – July 23–24, 2019, Minneapolis, MN
 - (2) Electromagnetic Pulse Task Force Workshop – July 25, 2019, Atlanta, GA
 - (3) GridSecCon 2019 – October 22–25, 2019, Atlanta, GA
 - (4) Probabilistic Analysis Forum – December 11–13, 2019, Atlanta, GA
 - iv) Webinars
 - (1) Electromagnetic Transient Simulations for Large-Scale Systems Studies with High Penetration of Inverter-Based Resources – 4:30–5:30 p.m. Eastern, August 12, 2019
 - v) For a full list of Standards Under Development, and a list of future standard enforcement dates, go to: <https://www.pjm.com/-/media/committees-groups/subcommittees/rscs/20190719/20190719-item-03c-nerc-and-regional-update-standards-under-development.ashx>

4) Member Issues and Future Agenda Items

5) Future Meeting Dates*

Friday, October 18 th	10:00 AM	WebEx
Thursday, November 14 th	10:00 AM	Meeting and WebEx
Friday December 13 th	10:00 AM	WebEx *

* out of sync to avoid a holiday conflict.

* Monthly WebEx: Third Friday of every month, except months where a quarterly Face-to-Face meeting is scheduled.

Author: Kristen Foley

Anti-trust:

You may not discuss any topics that violate, or that might appear to violate, the antitrust laws including but not limited to agreements between or among competitors regarding prices, bid and offer practices, availability of service, product design, terms of sale, division of markets, allocation of customers or any other activity that might unreasonably restrain competition. If any of these items are discussed the chair will re-direct the conversation. If the conversation still persists, parties will be asked to leave the meeting or the meeting will be adjourned.

Code of Conduct:

As a mandatory condition of attendance at today's meeting, attendees agree to adhere to the PJM Code of Conduct as detailed in PJM Manual M-34 section 4.5, including, but not limited to, participants' responsibilities and rules regarding the dissemination of meeting discussion and materials.

Public Meetings/Media Participation:

Unless otherwise noted, PJM stakeholder meetings are open to the public and to members of the media. Members of the media are asked to announce their attendance at all PJM stakeholder meetings at the beginning of the meeting or at the point they join a meeting already in progress. Members of the Media are reminded that speakers at PJM meetings cannot be quoted without explicit permission from the speaker. PJM Members are reminded that "detailed transcriptional meeting notes" and white board notes from "brainstorming sessions" shall not be disseminated. Stakeholders are also not allowed to create audio, video or online recordings of PJM meetings. This meeting is being recorded for PJM training purposes, and participation in the meeting assumes consent

Compliance Disclaimer:



Minutes

Reference to compliance examples, methods, processes or procedures during this meeting is meant solely for discussion purposes only and should not be relied upon by anyone as a guarantee or evidence of compliance with any RFC, SERC, NERC or FERC standards.

Provide feedback on the progress of this group: [Facilitator Feedback Form](#) Visit learn.pjm.com, an easy-to-understand resource about the power industry and PJM's role.