

Reliability Standards and Compliance Subcommittee
WebEx and Meeting
Thursday, May 18, 2017
10:00 am to 12:00 pm EPT, Valley Forge, PA

1) Administration

a) Call to Order (Mr. Moleski)

Subcommittee Members:

Mark Holman, Chair	Manager, NERC and Regional Coordination Dept.
Thomas Moleski, Secretary	Sr. Compliance Specialist, NERC and Regional Coordination Dept.
Sean Bodkin	Dominion Virginia Power
Ann Ivanc Carey	FirstEnergy Solutions Corp.
Frank Cumpton	Baltimore Gas and Electric Company
Elizabeth Davis	Talen Energy Marketing, LLC
Claudine Fritz	Exelon Business Services Company, LLC
Rajesh Geevarghese	Exelon Business Services Company, LLC
Art Iler	American Municipal Power, Inc.
Doug Jerzycke	Exelon Generation Co., LLC
Sherri Johnson	FirstEnergy Corporation
Mark Klohonatz	FirstEnergy Solutions Corp.
Connie Lowe	Dominion Virginia Power
Laura Lumbrazo	Rockland Electric Company
Patricia McBride-Rowe	Duquesne Light Company
Quinn Morrison	Exelon Business Services Company, LLC
Kevin Patten	Appalachian Power Company
Joseph Roettker	Duke Energy Ohio, Inc.
Bruce Samblanet	Appalachian Power Company
John Seelke	LS Power Development, LLC
Aubrey Short	FirstEnergy Solutions Corp.
Jacque Smith	ReliabilityFirst Corporation
Bob Thomas	Illinois Municipal Electric Agency
David Thorne	Potomac Electric Power Company
Becky Webb	Exelon Business Services Company, LLC
Katherine Zvomuya	City of Cleveland, DPU, Div of Cleveland Public Pwr

PJM Staff:

Augustine Caven	Sr. Engineer, Generation
Srinivas Kappagantula	Sr. Analyst, NERC and Regional Coordination
Stan Sliwa	Sr. Engineer, System Planning

b) Review of Administrative Documents (Mr. Moleski)

i) Antitrust Guidelines

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

No questions were raised on the administrative documents.

- c) **Approval of Agenda (Mr. Moleski)**
The Agenda was approved as presented.
- d) **Approval of the April 21 17, 2017 Meeting Minutes (Mr. Moleski)**
The April 21, 2017 minutes were approved as presented.

2) PJM Compliance Activities

a) Manual Updates

- i) Mr. Caven outlined the changes to Manual 39
 - (1) The new version of Manual 39 adds clarification to reinforce that, following notification of a grid-side event that impacts the NPIRs, the nuclear plant shall communicate any resultant limiting conditions experienced at the plant including.
 - (2) This is intended to ensure PJM and TO LCC awareness of impacts to the plant as they operate the system to meet the NPIRs. To ensure situational awareness, clarification was added to ensure the NPGO notifies PJM and the associated TO LCC of conditions at the nuclear plant impacted by a grid-side event.
 - (3) For additional details on the recent changes to Manual 39, please go to:
<http://www.pjm.com/~media/committees-groups/subcommittees/rscs/20170518/20170518-item-02ai-manual-39-changes.ashx>

b) NERC Standard Drafting Team Opportunities (Mr. Moleski)

- i) Project 2015-05 – NUC-001-3 Periodic Review.
- ii) Project 2017-03 – FAC-008-3 Periodic Review.
- iii) Project 2017-04 – Periodic Review of Interchange Scheduling and Coordination Standards.
 - (1) PJM has submitted a nominee for this Review Team.

c) Compliance Bulletin 23 (Mr. Caven)

- i) PJM has issued this document to clarify the process for applicable TOs and GOs to submit Real and Reactive Power verification data for their applicable Generator or Synchronous Condenser Facilities per NERC Standard MOD-025-2 to PJM as the Transmission Planner.
- ii) The new compliance bulletin can be found at:
<http://www.pjm.com/~media/committees-groups/subcommittees/rscs/20170518/20170518-item-02c-cb023-nerc-standard-mod-025-2.ashx>

- d) TPL-007-1 Transmission System Planned Performance for Geomagnetic Disturbance Events (Mr. Sliwa)
 - i) The purpose of TPL-007-1 is to establish requirements for Transmission system planned performance during geomagnetic disturbance (GMD) events.
 - ii) The 2016 RTEP (2021 five-year case) is the data source
 - iii) Only known data is being requested at the present time (i.e. substations and equipment already in service)
 - iv) PJM will request future updates as data becomes available (i.e. when new substations and equipment are placed into service)
 - v) TO and GO data to be returned by October 1, 2017
 - vi) Data to be submitted to NERC.Transmission.Planner@pjm.com
 - vii) For additional details on PJM's plans on TPL-007-1, please visit:
<http://www.pjm.com/~media/committees-groups/subcommittees/rscs/20170518/20170518-item-02d-tpl-007-1-transmission-system-planned-performance-for-geomagnetic-disturbance-events.ashx>

3) FERC Activities

a) Recent compliance related FERC activities

Mr. Holman reported that there were no recent compliance related activities at the FERC

4) NERC and Regional Activities

a) Committee Updates (Mr. Holman)

- i) There will be a comment period for TPL-007-2 beginning on June 15, 2017. Ballot on July 31, 2017.
- ii) A comment period will open on June 15, 2017 for the Reliability Standards Development Plan.
- iii) A Standards Drafting Team will be formed to consider modifications to BAL-003-1.1. PJM will submit a nominee.
- iv) A Standards Drafting Team will be formed to consider modifications to PER-003-1 and PER-004-2. PJM will submit a nominee.
- v) A Standards Drafting Team will be formed to consider modifications to BAL-002-2. PJM will submit a nominee.

b) Standards Under Development (Mr. Kappagantula)

- i) TPL-001-5 Project 2015-10 Single Points of Failure TPL-001:
 - (1) The System Protection and Control Subcommittee (SPCS) and the System Analysis and Modeling Subcommittee (SAMS) conducted an assessment that confirms the existence of a reliability risk associated with single points of failure in protection systems.
 - (2) The purpose of this project is to provide a clear, unambiguous, and results-based Reliability Standard to address the assessment's recommendations for modifying TPL-001-4.
 - (3) PJM is currently developing comments.
- ii) Request for Comments on Pseudo-Tie Coordination Reference Document:
 - (1) The NERC Operating Committee's Operating Reliability Subcommittee developed the Pseudo-Tie Coordination Reference Document to provide a guideline on the coordination needed for

- the implementation of pseudo-ties for generation and load. The NERC Operating Committee reviewed the initial draft of the document at its March 2017 meeting and approved it for a 45-day industry comment period. A draft version of the Reference Document is posted on the NERC website for industry comment.
- (2) PJM participated in the drafting of this document and will not submit comments.
 - iii) Request for Comments on Dynamic Tag Exclusion Reference Document:
 - (1) The NERC Operating Committee's Operating Reliability Subcommittee developed the Dynamic Tag Exclusion Reference Document to provide a management guideline on the exclusion of tags with specific source and sink combinations due to the MW impact being included in different curtailable products. The NERC Operating Committee reviewed the initial draft of the document at its March 2017 meeting and approved it for a 45-day industry comment period. A draft version of the Reference Document is posted on the NERC website for industry comment.
 - (2) PJM participated in the drafting of this document and will not submit comments.
 - iv) Comment Period Open for Regional Reliability Standard BAL-502-RFC-03:
 - (1) ReliabilityFirst has requested that NERC post Regional Reliability Standard BAL- 502-RFC-03 – Planning Resource Adequacy Analysis, Assessment and Documentation for industry review and comment as permitted by the NERC Rules of Procedure.
 - (2) The purpose is to establish common criteria, based on “one day in ten year” loss of Load expectation principles, for the analysis, assessment and documentation of Resource Adequacy for Load in the ReliabilityFirst Corporation (RF) region
 - (3) PJM participated in the drafting of this Standard and will not submit comments.
 - v) For a full list of Standards Under Development, and a list of future standard enforcement dates, go to: <http://www.pjm.com/-/media/committees-groups/subcommittees/rscs/20170518/20170518-item-04b-nerc-and-regional-coordination-update.ashx>

5) Member Issues and Future Agenda Items

6) Future Meeting Dates*

Friday, June 16 th , 2017	10:00 AM	WebEx
Friday, July 21 st , 2017	10:00 AM	WebEx
Thursday, August 17 th , 2017	10:00 AM	Meeting and WebEx
Friday, September 15 th , 2017	10:00 AM	WebEx
Friday, October 20 th , 2017	10:00 AM	WebEx
Thursday, November 16 th , 2017	10:00 AM	Meeting and WebEx
Friday, December 15 th , 2017	10:00 AM	WebEx

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

Author: Thomas Moleski

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.

Compliance Disclaimer:

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.