

Reliability Standards and Compliance Subcommittee
WebEx and Meeting
Thursday, November 17, 2016
10:00 am to 12:00 pm EPT, Valley Forge, PA

1) Administration

a) Call to Order / Role Call (Mr. Moleski)

Subcommittee Members:

Mark Holman, Chairman	Manager, NERC and Regional Coordination Dept.
Thomas Moleski, Secretary	Sr. Compliance Specialist, NERC and Regional Coordination Dept.
Nicolle Buckman	PEPCo Holdings
John Reed	First Energy Solutions Corp
Sherri Rhodes	First Energy Solutions Corp
Elizabeth Davis	Talen Energy Marketing, LLC
Marlene George	UGI Utilities, Inc.
Stacey Harman	Baltimore Gas & Electric
Art Iler	American Municipal Power, Inc.
Doug Jerzycke	Exelon Generation Co., LLC
Connie Lowe	Dominion Virginia Power
Laura Lumbrazo	Orange and Rockland
Jeffrey Mueller	Public Service Electric and Gas
Joseph Roettker	Duke Energy Business Services LLC
Bruce Samblanet	Appalachian Power Company
Ronald Schloendorn	PECO Energy
Joseph Smith	Public Service Electric & Gas Company
Angela Thomas	Northern Virginia Electric Cooperative (NOVEC)
Bob Thomas	Illinois Municipal Electric Agency
Brenda Truhe	PPL Electric Utilities
Bill Watson	Old Dominion Electric Co-Op
Katherine Zvomuya	City of Cleveland, DPU, Div of Cleveland Public Pwr

PJM Staff:

Srinivas Kappagantula	Sr. Analyst, NERC and Regional Coordination.
Michael Tate	Consultant, NERC and Regional Coordination.
Preston Walker	Sr. Analyst, NERC and Regional Coordination.
Augustine Caven	Sr. Engineer
Ron DeLoach	Manager Model Management, Model Management
Chelsea Sainte	Co-Op, CIP Compliance

b) Review of Administrative Documents (Mr. Moleski)

- 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. Moleski)**
Mr. Moleski added an agenda item to discuss the new format on PJM.com.
The Agenda was approved as amended.
- d) **Approval of the September 19, 2016 Meeting Minutes (Mr. Moleski)**
The September 19, 2016 minutes were approved as presented.

2) PJM Compliance Activities

a) Manual Updates

- i) Manual 03A v11 – Mr. Deloach
Revision 11 is PJM's annual review.
These changes were effective
Changes include:
 - a. Updated URL for Tariff Facilities List throughout document
 - b. Submission timelines and detail added for modeling updates specific to Generators.
 - c. New section outlining Electrical Model Responsibilities for Behind the Meter Generation (BTMG)
 - d. New section added for EHV Modeling.

For additional information on the changes to v11 of Manual 03A, please see:

<http://www.pjm.com/~media/committees-groups/subcommittees/rscs/20161117/20161117-item-02a-manual-3a-rev11-summary.ashx>

Manual 03A v12 – Mr. Deloach

Revision 12 had minor incremental changes to revision 12. Important revisions include"

- a. Reference added for new Appendix E: Checklist For New Equipment Energization Process.
- b. New appendix added for Checklist For New Equipment Energization Process.
- c. Checklist For New Equipment Energization Process
- d. Reference added to Manual 01 for tie line reference and requirements; text updated for accuracy.

For additional information on the changes to v12 of Manual 03A, please see:

<http://www.pjm.com/~media/committees-groups/subcommittees/rscs/20161117/20161117-item-02a-manual-03a-rev12.ashx>

- ii) Manual 14D v40 – Mr. Caven
Only one significant change to this version of M14D

- a. Section 7.3.5 – Fuel Limitation Reporting – Updated title to Fuel and Emissions Reporting, updated Seasonal Reporting section, added new section on Periodic Reporting, and removed details on Real-Time Reporting.

For additional details on the changes to v40 of M10, see:

<http://www.pjm.com/~media/committees-groups/subcommittees/rscs/20161117/20161117-item-02a-manual-14d-proposed-revision-40.ashx>

- iii) Manual 10, v35 – Mr. Caven

Two important changes to the manual

Effective date of 1/1/17

The latest version was updated as part of PJM's periodic review

These changes were effective

Significant changes include:

- a. Updated market deadlines
- b. Added new bulleted item to reflect the proper status of units in Markets Gateway when reduced or on an outage.
- c. Section 5.2 – Changed section title from “Change of Generation Ownership Process” to “Generation Transfer Process”.
- d. Added new rules for implementation of the Generation Transfer Process.

Effective date of 1/1/17

For additional information on the changes to v35 of Manual 10, see:

<http://www.pjm.com/~media/committees-groups/subcommittees/rscs/20161117/20161117-item-02a-manual-10-proposed-rev35.ashx>

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

- i) There were no open Standard Drafting Team positions listed on the NERC website this month.

c) PJM's Operations and Planning (693) audit. (Mr. Kappagantula)

- i) PJM's Operations and Planning Audit was held the week of October 17, 2016
- ii) The audit covered 12 Standards and 68 Requirements and Subrequirements.
- iii) Mr. Kappagantula noted that unlike years past, the vast majority of the work was performed before the onsite visit.
- iv) The Audit Team found no (zero) Possible Violations, 2 Areas of Concern, 9 Recommendations, and 3 Positive Observations.
- v) Mr. Kappagantula attributed PJM's success to the responsiveness of the PJM Transmission Owners to the ongoing requests from the auditors.
- vi) For additional information on the PJM Audit, please see: <http://www.pjm.com/~media/committees-groups/subcommittees/rscs/20161117/20161117-item-02c-pjm-audit-updates.ashx>

d) **PJM's TO/TOP Matrix v10**

At its November 10, 2016 meeting, The Transmission Owners Agreement – Administrative Committee (TOA-AC) reviewed and approved v10 of the PJM TO/TOP Matrix. For additional details on the on the presentation given to the TOA/AC, go to:

<http://www.pjm.com/~media/committees-groups/subcommittees/rscs/20161117/20161117-item-02d-to-top-matrix-v10-toa-ac-presentation.ashx>

e) **TOP-003 and IRO-010 Compliance Approach (Mr. Holman)**

i) PJM is planning to address the issues raised by IRO-010 as follows:

- Add language to M-1 Attachment A indicating that it is the data specification and that PJM receives that information via ICCP
- Add language that ICCP is the mutually agreeable format and security protocol
- Add a process for resolving conflicts

ii) There is currently not a time table for this, but PJM will be keeping the Reliability Standards and Compliance Subcommittee apprised of our progress.

3) FERC Activities

a) **Recent compliance related FERC activities**

i) There were no Compliance Related FERC activities discussed.

4) NERC and Regional Activities

- i) **Committee Updates** Mr. Holman reported that the RF Standards Committee approved the most recent version of BAL-002-RF-02 for vote, but the vote will be delayed until after the holidays to ensure maximum participation.
- ii) **Standards Under Development (Mr. Kappagantula)**
 - (1) **Integrating Reporting ACE with the NERC Reliability Standards:**
 - (a) The NERC Operating Committee's Resources Subcommittee and the Phase 2 of the Balancing Authority Reliability-based Controls standard drafting team developed the draft Reliability Guideline: Integrating Reporting Area Control Error (ACE) with the NERC Reliability Standards. Comments are due November 14, 2016.
 - (2) **Inadvertent Interchange:**
 - (a) The NERC Operating Committee's Resources Subcommittee and the Phase 2 of the Balancing Authority Reliability-based Controls standard drafting team developed the draft Reliability Guideline: Inadvertent Interchange. Comments are due November 14, 2016.
 - (3) **Situational Awareness for the System Operator**
 - (a) The NERC Operating Committee's Resources Subcommittee, Operating Reliability Subcommittee and Personnel Subcommittee developed the draft Reliability Guideline: Situational Awareness for the System Operator. Comments are due November 14, 2016.
 - (4) **Project 2016-03 Cyber Security Supply Chain Management**
 - (a) The project will address directives from FERC Order No. 829 to develop a new or modified standard to address "supply chain risk management for industrial control system hardware, software, and computing and networking services associated with bulk electric system operations. Comments are due November 18, 2016
 - (5) **For additional information on NERC Standards under Development, see:**
<http://www.pjm.com/~media/committees-groups/subcommittees/rscs/20161117/20161117-item-04b-standards-under-development.ashx>

5) Member Issues and Future Agenda Items

There were no suggestions for future agenda items.

6) Future Meeting Dates*

Friday, December 16th, 2016	10:00 AM	WebEx
Friday, January 20th, 2017	10:00 AM	WebEx
Thursday, February 16th, 2017	10:00 AM	Meeting and WebEx
Friday, March 17th, 2017	10:00 AM	WebEx
Friday, April 21th, 2017	10:00 AM	WebEx
Thursday, May 18th, 2017	10:00 AM	Meeting and WebEx
Friday, June 16th, 2017	10:00 AM	WebEx
Friday, July 21th,-2017	10:00 AM	WebEx
Thursday, August 17th, 2017	10:00 AM	Meeting and WebEx
Friday, September 15th, 2017	10:00 AM	WebEx
Friday, October 20th, 2017	10:00 AM	WebEx
Thursday, November 16th, 2017	10:00 AM	Meeting and 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.