

Reliability Standards and Compliance Subcommittee
WebEx and Meeting
Friday, October 20, 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.
Syed Ahmad	The Federal Energy Regulatory Commission
Ann Ivanc Carey	FirstEnergy Solutions Corp.
Matt Chambers	Illinois Municipal Electric Agency
Frank Cumpton	Baltimore Gas and Electric Company
Ryan Dolan	American Municipal Power, Inc.
Claudine Fritz	Exelon Business Services Company, LLC
Marlene George	UGI Utilities, Inc.
Amanda Graybill	American Transmission Systems, Inc.
Art Iler	American Municipal Power, Inc.
Doug Jerzycke	Exelon Generation Co., LLC
Leanna Lamatrice	Appalachian Power Company
Gizella Mali	FirstEnergy Solutions Corp.
Raffi Raffi	
Stephanie Rhoads	PPL Electric Utilities Corp. dba PPL Utilities
Joseph Roettker	Duke Energy Ohio, Inc.
Aubrey Short	FirstEnergy Solutions Corp.
Joseph Smith	Public Service Electric & Gas Company
Jeremy Stout	Dominion Virginia Power
Mary Ann Todd	Illinois Municipal Electric Agency
Brenda Truhe	PPL Electric Utilities Corp. dba PPL Utilities
Bill Watson	ODEC
Weili Yi	The Energy Authority
Katherine Zvomuya	City of Cleveland, DPU, Div of Cleveland Public Pwr

PJM Staff:

Ron DeLoach	Manager, Model Management
Kristen Foley	Compliance Analyst, NERC and Regional Coordination.
Srinivas Kappagantula	Sr. Analyst, NERC and Regional Coordination.
Mark Kuras	Sr. Lead Engineer, NERC and Regional Coordination.
Stanley Sliwa	Sr. Engineer, Transmission Planning
Yuri Smolanitsky	Sr. Engineer, Transmission Operations
Vince Stefanowicz	Sr. Lead Engineer, Generation

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)

The Agenda was approved as presented.

d) Approval of the September 15, 2017 Meeting Minutes (Mr. Moleski)

The September 15, 2017 Meeting Minutes were approved as presented.

2) PJM Compliance Activities

a) Manual Updates

i) Manual 03A (Mr. Deloach)

(1) Mr. Deloach outlined the changes to Manual 03A:

- (a) Cover to Cover Periodic Review
- (b) Non-substantive changes to format and references
- (c) Updated reference to eDART Training Presentations link
- (d) Revised Sections 1.3, 2.2, 3.3, 3.5, 4.4, 4.8, and 3.2, and Appendices A, C, and F
- (e) Added Sections 3.2.1 and 3.2.1.1
- (f) For additional details on the recent changes to Manual 03A, please go to:

<http://www.pjm.com/-/media/committees-groups/subcommittees/rscs/20171020/20171020-item-2ai-manual-03a-version-13-summary-of-changes.ashx>

ii) Manual 03 changes in Section 1-4 (Mr. Smolanitsky)

(1) Mr. Smolanitsky outlined the changes to Manual 03:

- (a) Periodic Review.
- (b) Revised SPS designation to either RAS or to Scheme.
- (c) Updated Sections 1.7, 3.9, 3.9.1, 5 and Attachment E
- (d) For additional details on the recent changes to Manual 03, please go to:

<http://www.pjm.com/-/media/committees-groups/subcommittees/rscs/20171020/20171020-item-02aii-december-2017-manual-3-v52-updates.ashx>.

iii) Manual 10 (Mr. Stefanowicz)

(1) Mr. Stefanowicz outlined the changes to Manual 10:

- (a) Periodic Review.
- (b) Revised Introduction, Section 2.1, Section 5.1 Markets Database, Section 5.2.
- (c) For additional details on the recent changes to Manual 10, please go to:

<http://www.pjm.com/-/media/committees-groups/subcommittees/rscs/20171020/20171020-item-02aiii-m10-rev36-presentation.ashx>.

iv) Manual 14d (Mr. Stefanowicz)

(1) Mr. Stefanowicz outlined the changes to Manual 14d:

- (a) Periodic Review
- (b) Replaced Local Control Center with Transmission Owner and replaced LCC with TO in multiple locations
- (c) Revised Exhibit 1, Sections 6, 4.1.7, 5.3.4, 5.7, 7.1.1, 7.1.2, 7.1.6, 7.3.5, and 11, Exhibit 13, and Attachments J and N.
- (d) For additional details on the recent changes to Manual 14d, please go to:
<http://www.pjm.com/-/media/committees-groups/subcommittees/rscs/20171020/20171020-item-02aiv-m14d-rev42-presentation.ashx>.

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

There are no NERC Standard Drafting Team openings at this time.

c) Review of the draft 2018 RSCS meeting schedule (Mr. Moleski)

The 2018 RSCS meeting schedule was approved as presented.

d) PRC-026 – Mr. Sliwa

- i) Purpose: To ensure that load-responsive protective relays are expected to not trip in response to stable power swings during non-Fault conditions.
- ii) Applicable to: Planning Coordinator, Transmission Owners & Generator Owners
- iii) Requirement R1 enforceable 1/1/2018
- iv) PJM to develop draft list for review by impacted Generator Owners and Transmission Owners in November
- v) Final list to be distributed to Generator Owners and Transmission Owners in December

e) Review of PJM's Identification of Assets per CIP-002 and CIP-014 (Mr. Kuras)

- i) CIP-002 and CIP-014 require applicable entities to identify and protect critical facilities to mitigate potential physical and cyber threats to the BES.
- ii) The CIP-002 and CIP-014 letters:
 - (1) Identify critical facilities per CIP-002-5.1a, Attachment 1 – Criteria 2.6 and CIP-014-2, Section 4.1.1.3
 - (2) Are completed in coordination with PJM Planning, Compliance, and Transmission Operations.
 - (3) Are issued to PJM TOs annually
 - (4) Will be issued to PJM TOs Q4 2017
- iii) A PJM CEII Request must be submitted in order to receive this document.

f) TO-TOP Matrix V12 Working Schedule (Mr. Kappagantula)

Mr. Kappagantula reported that Version 12 of the TO-TOP Matrix will be drafted through February 2018, finalized in March, run through the Committees in April and May, and posted in June 2018.

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)

Mr. Holman reported that there were no recent compliance related activities at NERC or the Regions.

b) Standards Under Development (Mr. Walker)

- i) TPL-001-5 – Transmission System Planning Performance Requirements (Project 2015-10 Single Points of Failure).
 - (1) The revisions address reliability concerns in FERC Order No. 754 and directives in FERC Order No. 786. Revisions to the Standard include:
 - (a) R1 – Updated reference to MOD-032-1
 - (b) R1 – Modified how known outages are selected for study
 - (c) R2 – Modified P1 contingencies simulated (steady state) for known outages.
 - (d) R2 – Added model conditions for analysis of P1 events for known outages.
 - (e) R2 – Added stability analysis requirement for long lead time equipment unavailability.
 - (f) R4 – Added documentation requirement if Cascading observed given 3-phase fault SPF.
 - (g) Table 1 – Added language specifying single point of failures (SPF)
 - (2) Implementation Plan – R1 & R2 36 months; R4 60 months
 - (3) Comment Ballot 10/23/2017
- ii) Draft Reliability Guideline: Gas and Electrical Operational Coordination Considerations
 - (1) The goal of the coordination is to ensure that both the gas and electric systems remain secure and reliable during normal, abnormal, and emergency conditions.
 - (2) This guideline attempts to provide a set of principles and strategies that may be adopted should the region in which you operate require close coordination due to increased dependency.
 - (3) This guideline also focuses on the areas of preparation, coordination, communication, and intelligence that may be applied in order to coordinate operations and minimize risk.
 - (4) Comments due 11/3/2017.
- iii) FAC-010-3, FAC-011-4, FAC-014-3, FAC-015-1 - Project 2015-09 Establish and Communicate System Operating Limits Applicability.
 - (1) One of the primary objectives of Project 2015-09 is to make revise the FAC Standards to create better alignment with the currently effective TPL, TOP, and IRO Standards and the revised definitions of Operational Planning Analysis (OPA) and Real-time Assessments (RTA). NERC has also proposed a definition for System Voltage Limits
 - (a) FAC-010-3 – SOL Methodology for the Planning Horizon (Retirement)
 - (b) FAC-011-4 – SOL Methodology for the Operations Horizon
 - (c) FAC-014-3 – Establish and Communicate System Operating Limit
 - (d) FAC-015-1 – Coordination of Planning Assessments with the RC's SOL Methodology
 - (e) Implementation Plan – Project 2015-09
 - (f) Proposed Definition - System Voltage Limit
- iv) 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/20171020/20171020-item-05b-standards-under-development.ashx>

5) Member Issues and Future Agenda Items

6) Future Meeting Dates*

Thursday, November 16 th , 2017	10:00 AM	Meeting and WebEx
Friday, December 15 th , 2017	10:00 AM	WebEx
Friday, January 19 th , 2018	10:00 AM	WebEx
Thursday, February 15 th , 2018 -	10:00 AM	Meeting and WebEx
Friday, March 16 th , 2018 –	10:00 AM	WebEx
Friday, April 20 th , 2018 –	10:00 AM	WebEx
Thursday, May 17 th , 2018,	10:00 AM	Meeting and WebEx
Friday, June 15 th , 2018 –	10:00 AM	WebEx
Friday, July 20 th , -2018 –	10:00 AM	WebEx
Thursday, August 16 th , 2018,	10:00 AM	Meeting and WebEx
Friday, September 21 st , 2018 –	10:00 AM	WebEx
Friday, October 19 th , 2018 –	10:00 AM	WebEx
Thursday, November 16 th , 2018	10:00 AM	Meeting and WebEx
Friday December 14 th ,	10:00 AM	WebEx

* 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:

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.