

Reliability Standards and Compliance Subcommittee
WebEx and Meeting
Friday, September 15, 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.
Scott Berry	Indiana Municipal Power Agency
David Blackshear	Gridforce Energy Management, LLC
Sean Bodkin	Dominion Virginia Power
Tom Buehler	Rockland Electric Company
Ann Carey	FirstEnergy Solutions Corp.
Frank Cumpton	Baltimore Gas and Electric Company
Becky Davis	Talen Energy Marketing, LLC
Adrien Ford	ODEC
Dave Fusek	Appalachian Power Company
Marlene George	UGI Utilities, Inc.
Amanda Graybill	American Transmission Systems, Inc.
Sandra Hopkins	Dominion Virginia Power
Mike Hurd	Dayton Power & Light Company (The)
Art Iler	American Municipal Power, Inc.
Doug Jerzycke	Exelon Generation Co., LLC
Sherri Johnson	First Energy Corp.
Mark Klohonatz	FirstEnergy Solutions Corp.
Gizella Mali	FirstEnergy Solutions Corp.
Jeff Mueller	Public Service Electric & Gas Company
Stephanie Rhoads	PPL Electric Utilities Corp. dba PPL Utilities
Joe Roettker	Duke Energy Ohio, Inc.
Joseph A. Smith	Public Service Electric & Gas Company
Jeremy Stout	Dominion Virginia Power
Austin Taylor	Cleveland Public Power
Brenda Truhe	PPL Electric Utilities Corp. dba PPL Utilities
Katie Zvomuya	City of Cleveland, DPU, Div of Cleveland Public Pwr

PJM Staff:

Bill Harm	Sr. Consultant NERC and Regional Coordination
Liem Hoang	Sr. Lead Engineer, Transmission Operations
Srinivas Kappagantula	Sr. Analyst, NERC and Regional Coordination.

Mark Kuras
David Schweizer
Preston Walker

Sr. Lead Engineer, NERC and Regional Coordination.
Manager, Generation, Generation
Sr. Analyst, NERC and Regional Coordination.

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 July 21, 2017 Meeting Minutes (Mr. Moleski)

The July 21, 2017 Meeting Minutes were approved as presented.

e) 2017 Stakeholder Satisfaction Survey (Mr. Moleski)

The 2017 Stakeholder Satisfaction Survey is now open, and closes on September 22.

2) PJM Compliance Activities

a) Manual Updates

- i) Mr. Hoang outlined the changes to Manual 3:
 - (1) Section 1.7 – Updated timeline for the transition
 - (2) Section 5 RTO – Updated terminology
 - (3) Section 5 Procedures – Updated procedures
 - (a) Minor changes for redundant ones
 - (b) Operational changes for non-redundant ones
 - (4) M-3 Attachment A
 - (a) Table for RAS
 - (b) Table for schemes, aka, non-redundant schemes

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

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

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

- i) Mr. Moleski reported that the 2018 will be a regular schedule, with the exception of the December meeting, which will need to be moved due to the holiday. The 2018 schedule will be approved at a later meeting, after review by the committee members for any conflicts.

d) TPL-001-5 Posting (Mr. Harm)

- i) Addresses reliability issues concerning the study of single points of failure on Protection Systems from FERC Order No. 754

- ii) Addresses directives from FERC Order No. 786
 - iii) Replaces references to the MOD-010 and MOD-012 standards with the MOD-032 Reliability Standard
 - iv) The threat to BES reliability from single point-of-failure (SPF) of a Protection System component established well before this draft standard
 - v) At the September 2017 Standards Committee meeting, the SDT will seek authorization to post for a 45-day comment period and initial ballot
 - vi) Enforceability:
 - (1) R1 and R2 enforceable in 36-months after FERC approval (and alignment time).
 - (2) R4 enforceable in 60-months after FERC approval (and alignment time).
 - (3) CAPs addressing P5 changes enforceable in 60-months after FERC approval.
 - (4) Planning Assessments addressing all provisions of TPL-001-5 required by 36-months after FERC approval.
- e) **RAS/SPS status update (Mr. Hoang)**
(See Item 2A(i) – Manual Updates above)
- f) **PJM Operating Agreement Revisions to accommodate Sharing of Restoration Planning Generator Data with Transmission Owners (Mr. Schweizer)**
- i) Mr. Schweizer outlined the changes to the confidentiality provisions of PJM Operating Agreement,
 - (1) Revisions needed to address sharing of generator unit parameter data with Transmission Owners for system restoration planning purposes only
 - (2) Timing of OA revisions to align with PJM / TO evaluation of black start / critical load units related to RTO wide black start RFP
 - (3) PJM enhancing eDART functionality to provide data to TOs
 - (4) 18.17.7 (a) – Changed “is providing Black Start Service to the Transmission Owner” to “is identified in a Transmission Owner’s restoration plan”
 - (5) 18.17.7 (a) – Added “(vi) data provided for Transmission Owner use for system restoration planning purposes only, including but not limited to the unit’s start-up times, ramp rate, start-up auxiliary load profile and emergency low-load operation capabilities.”

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) PJM will be undergoing an Internal Controls Evaluation (ICE) next week. The ICE will focus on controls for IROLs and SOLs. PJM’s evaluation and the outcome of the ICE will be added to a future agenda.
- ii) The RF Fall Workshops will be held in Cleveland in September 26 – 28, 2017.

b) Standards Under Development (Mr. Walker)

- i) BAL-001-2, BAL-002-2, and BAL-003-1.1 - Operating Reserve Management Draft Reliability Guideline:
 - (1) This guideline provides recommended practices for the management of an appropriate mix of Operating Reserve, as well as readiness to respond to loss of load events.
 - (2) It also provides guidance with respect to the management of Operating Reserve required to meet the NERC Reliability Standards.
 - (3) Most edits were introduced due to BAL-003-1.1 and the forming of Frequency Response Sharing Groups (FRSG).
 - (4) PJM does not have any comments to provide on the proposed revisions.
 - (5) Comments are due 9/18/2017.
- ii) BAL-005-0.2b - Inadvertent Interchange Draft Reliability Guideline
 - (1) This guideline provides recommended practices for the management of Inadvertent Interchange accounting with the goal of ensuring that, over the long term, Balancing Authority Areas do not excessively depend on another Balancing Authority Area in the Interconnection for meeting their demand or Interchange obligations.
 - (2) PJM agrees with the proposed revisions.
 - (3) Comments are due 9/18/2017.
- iii) PJM On-site Internal Controls Evaluation
 - (1) September 19-21, 2017, PJM will participate in an on-site ICE engagement with ReliabilityFirst
 - (2) Internal Controls Evaluations can provide entities with more focused CMEP tools (audit, spot checks)
 - (3) The engagement will be led by the RF Entity Development Group
 - (4) PJM personnel from several Operations Departments will be scheduled for interviews
 - (5) Interview questions will focus on:
 - (a) Processes relating to IROL and SOL (studies, communication, training)
 - (b) Processes relating to PCLLRWs (studies, communication, training)
 - (c) Data Samples submitted by PJM during the ICE
 - (6) PJM will likely participate in this process again in the future
- 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/20170915/20170915-item-04b-standards-under-development.ashx>

5) Member Issues and Future Agenda Items

6) Future Meeting Dates*

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.

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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.

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.