

Reliability Standards and Compliance Subcommittee

WebEx and Meeting

Thursday, April 15, 2016

10:00 am to 12:00 pm EPT, Valley Forge, PA

Mr. Moleski reminded the Subcommittee that the WebEx's are now recorded for the convenience of the Members who could not make the meeting. No objections were raised.

1) Administration

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

Subcommittee Members:

Mark Holman, Chairman	Manager, PJM's NERC and Regional Coordination Dept.
Thomas Moleski, Secretary	Sr. Compliance Specialist, NERC and Regional Coordination Dept.
Jeff Baker	Duke Energy Ohio, Inc.
Thomas Buhler	Rockland Electric Company
Connie Davis	City of Cleveland, DPU, Div of Cleveland Public Pwr
Elizabeth Davis	Talen Energy Marketing, LLC
Bridget Dawson	Duquesne Light Company
Daniel Duff	Liberty Electric Power, LLC
Claudine Fritz	PECO Energy Company
David Fusek	Appalachian Power Company
Marlene George	UGI Utilities, Inc.
Stacey Harman	Baltimore Gas and Electric Company
Doug Hohlbaugh	FirstEnergy Solutions Corp.
Sandra Hopkins	Dominion Virginia Power
Art Iler	American Municipal Power, Inc.
Louise James	Dominion Energy Marketing, Inc.
Doug Jerzycke	Exelon Generation Co., LLC
Christy Koncz	Public Service Electric & Gas Company
John Loftis	Virginia Electric & Power Company
Connie Lowe	Dominion Virginia Power
Joe Roettker	Duke Energy Ohio, Inc.
Bruce Samblanet	Appalachian Power Company
Chris Scanlon	Commonwealth Edison Company
Joseph Smith	Public Service Electric & Gas Company
William Smith	FirstEnergy Solutions Corp.
Bob Thomas	Illinois Municipal Electric Agency
David Thorne	Potomac Electric Power Company
Wayne Van Liere	Louisville Gas & Electric Co./Kentucky Utilities Co.

PJM Staff:

Augustine Caven	Sr. Engineer, Generation Dept.
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Oscar Cornejo	Co Op, NERC and Regional Coordination Dept.
Risa Holand	Sr. Member Liaison, Knowledge Management Dept.
Srinivas Kappagantula	Sr. Analyst, NERC and Regional Coordination Dept.
Mark Kuras	Sr. Lead Engineer, NERC and Regional Coordination Dept.
Michael Tate	Consultant, NERC and Regional Coordination Dept.
William Temple	Sr. Lead Compliance Analyst NERC and Regional Coordination Dept.
Jonathan Thompson	Sr. Engineer, Transmission Planning Dept.

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 March 18, 2016 Meeting Minutes (Mr. Moleski)

The March 18, 2016 minutes were approved as presented.

2) PJM Compliance Activities

a) Manual Updates

- i) Manual 10
 - Mr. Caven explained that the main focus of these changes are to update some key references in PJM's outage approval process
 - New version clarifies that rules for Planned, Maintenance and Forced outages are applicable to both capacity and energy resources
 - Full details on the updates can be found at <http://www.pjm.com/~media/committees-groups/subcommittees/rscs/20160415/20160415-item-2e-manual-10-changes.ashx>

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

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

c) NERC Standard MOD-032

- i) Mr. Thompson reviewed the data collection and procedure document outlining how Transmission Owners (TO), Generator Owners (GO), and PJM will be compliant with Requirement 1 of MOD-032 <http://pjm.com/planning/rtep-development/powerflow-cases/mod-032.aspx>

- ii) Requirement 2 will use a web application developed by PJM to allow GOs to submit generation modeling data (see agenda item 2e below for further details). Each GO must log in and provide required data/verify or update previous year's data. PJM will review submitted data and use for steady state, dynamics, and short circuit models
 - iii) Application will go live May 1, 2016
 - iv) Window for 2016 submission will close July 31, 2016
 - v) Any questions, comments, or concerns should be directed to MOD-032@pjm.com
- d) **Mr. Kuras discussed PRC-002**
- i) Mr. Kuras discussed the Dynamic Disturbance Recorder (DDR) section of PRC-002. PJM will be publishing a Compliance Bulletin on this topic. This bulletin will remain in effect until the necessary manual changes can be made.
 - ii) Phasor measurement Units (PMU) are to be considered DDRs, according to the technical guidance provided with the standard
 - iii) Likely that at least one line in each of PJM's IROLs (transfer indicator) will be required to have a DDR
 - iv) It is PJM's intent to minimize the number of DDRs across the footprint by taking into account existing DDRs, as well as existing and planned PMUs.
- e) **Ms. Holland reviewed the startup process for the PJM Planning Center Tool**
- i) Ms. Holland explained that PJM is distributing e-mails to all of the TOs and the Company Account Managers (CAMs) for companies found in PJM's Resource Tracker Application
 - ii) Work on the "User's Guide" is ongoing, and will be included in what is going to the CAM
 - iii) Each individual Generation Owner is expected to enter their own data
 - iv) Any questions, comments, or concerns should be directed to MOD-032@pjm.com

3) FERC Activities

- a) **Recent compliance related FERC activities**
- i) There were no discussions on recent compliance related FERC Activities

4) NERC and Regional Activities

- a) **Committee Updates**
- i) There were no NERC committee updates
- b) **Standards Under Development (Mr. Temple)**
- i) Project 2015-07 "Internal Communications Capabilities"
 - The scope of this project includes:
 - (a) Internal telecommunications or other internal communication systems "between geographically separate control centers within the same functional entity."
 - (b) Internal telecommunications or other internal communication systems between a control center and field personnel."

- Ballot and comment period closes on May 6, 2016
- PJM is working with the ISO/RTO Council's Standards Review Committee (SRC) to develop their position, and will distribute this as soon as it becomes available
- ii) PER-006-1 - Project 2007-06.2 Phase 2 of System Protection Coordination
 - Phase 2 is addressing the remaining Requirements R1, R2, R5, and R6 of PRC- 001-1.1(ii). The reliability objectives of Requirements R1, R2, R5, and R6 are addressed by other standards, the modified definitions of OPA and RTA, and the proposed PER-006-1 Reliability Standard.
 - Ballot and comment period closes on April 25, 2016
 - PJM e-mailed the draft position and comments on this ballot to the RSCS on April 12, 2016
- iii) Additional Information on both of these standards under development can be found at: <http://www.pjm.com/~media/committees-groups/subcommittees/rscs/20160415/20160415-item-4b-standards-under-development.ashx>

5) Future Agenda Items

No future agenda items recommended

6) Future Meeting Dates

Thursday, May 19th, 2016	10:00 AM	Meeting and WebEx
Friday, June 17th, 2016	10:00 AM	WebEx
Friday, July 15th, 2016	10:00 AM	WebEx
Thursday, August 18th, 2016	10:00 AM	Meeting and WebEx
Friday, September 16th, 2016	10:00 AM	WebEx
Friday, October 21st, 2016	Cancelled	
Thursday, November 17th, 2016	10:00 AM	Meeting and WebEx
Friday, December 16th, 2016	10:00 AM	WebEx

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.