

Reliability Standards and Compliance Subcommittee

Meeting and WebEx

Friday, October 18, 2019

0900 to 1000 EPT, Valley Forge

1) Administration

a) Call to Order

Subcommittee Members:

Mark Holman, Chair	Manager, Reliability Compliance Department.
Thomas Moleski, Secretary	Sr. Analyst, Reliability Compliance Department.
Jeffrey Baker	Duke Energy Ohio, Inc.
Alicia Battaglino	Baltimore Gas and Electric Company
Ann Carey	FirstEnergy Solutions Corp.
Thomas Cichowski	Duquesne Light Company
Vince DeGiusto	UGI Utilities, Inc.
Daniel Gacek	Exelon Business Services Company, LLC
Mark Garza	FirstEnergy Solutions Corp.
Rajesh Geevarghese	Exelon Business Services Company, LLC
Marlene George	UGI Utilities, Inc.
Sherri Johnson	First Energy Corp.
Mark Klohonatz	FirstEnergy Solutions Corp.
Christopher Mahila	State of Ohio
Gizella Mali	FirstEnergy Solutions Corp.
Quinn Morrison	Exelon Business Services Company, LLC
Bruce Samblanet	Appalachian Power Company
Joseph A. Smith	Public Service Electric & Gas Co.
Richard Straight	FirstEnergy Solutions Corp.
Reed Thompson	Public Service Electric & Gas Company

PJM Staff:

Kristen Foley	Paralegal, Reliability Compliance
Srinivas Kappagantula	Sr. Analyst, Reliability Compliance.
Mark Kuras	Sr. Lead Engineer, Reliability Compliance.
Chris Moran	Sr. Analyst, Reliability Compliance.
Preston Walker	Sr. Analyst, Reliability 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)**

The agenda was approved with one change. Item 2ai should be “Review of Manual 3” rather than “Review of Manual 36.”

d) **Approval of the Minutes from the September 20, 2019 RSCS meeting (Mr. Moleski)**

The Minutes were approved as presented.

2) PJM Compliance Activities

a) **Manual Updates**

i. Review of Manual 3 (Mr. Lagy)

a. Mr. Lagy outlined the changes to Manual M03a

i. Cover to cover periodic review

1. Updated links and terminology throughout

ii. Section 1.1: Updated note to account for all TOP's within PJM instead of AEP.

iii. Section 1.7: Updated PJM Procedure to Review Remedial Action Schemes/Special Protection Systems (RAS/SPS) to remove mention of Special Protection Systems (SPS).

iv. Section 3.2: Updated voltage drop reference by removing the nominal voltage language.

v. Section 3.5.3: Added both Conemaugh capacitor banks to table and updated language to show both Juniata 500kV capacitor are in Auto mode.

vi. Section 4.2.12: Removed Nuclear Generating Station's Circuit Breaker listing table.

vii. Section 4.3.2: Updated language in Real-Time Switching notification procedure to better align with dispatch switching practices.

viii. Attachment A: Removed the Quad Cities/Cordova Unit Stability Trip Scheme.

ii. Review of Manual 14d (Mr. Stefanowicz)

a. Mr. Stefanowicz outlined the changes to Manual 14d

i. Added guidance associated with Distributed Energy Resource ride-through

1. Section 7.1.1

a. Added link to document containing guidance for Distributed Energy Resource ride-through

b. Updated references to Generating Facility

- b) **NERC Standard Drafting Team Vacancies (Mr. Moleski)**
Mr. Moleski reviewed the vacancy for 2019-06 Cold Weather project. The project will be seeking nominations as well as developing a Standard Authorization Request (SAR). PJM has not decided on its participation in the project.
- c) **PJM O&P Audit Overview (Mr. Walker)**
Mr. Walker advised that the ReliabilityFirst (RF) Operations and Planning Audit of PJM will take place beginning October 22, 2019. PJM has been preparing for the audit for the last year, in the form of self assessments, a mock audit and a controls review. The initial scope for the audit was reduced by 65% following the controls review; however, 16 additional requirements were added. Requests for Information were also received and responded to by PJM, resulting in an additional 40% scope reduction. PJM will provide an update on the audit in November.
- d) **Approval of the RSCS proposed schedule for 2020 (Mr. Moleski)**
The 2020 RSCS Meeting schedule was approved as presented.
- e) **Informational update about the Harmonics Data Request for TPL-007-3 (Mr. Sliwa)**
Mr. Sliwa advised that PJM issued a Harmonics Data Request to Relay Subcommittee on 10/3/2019. The purpose of this request is to better understand protection system operation or misoperation due to harmonics. This request is qualitative in nature and is meant to gain a “first look” at system behavior in the presence of harmonics. The focus is on cap banks, SVCs, STATCOMs, HVDC facilities and synchronous condensers. The due date for responses is 12/31/2019.

3) FERC, NERC, and Regional Activities

- a) **Committee Updates (Mr. Holman)**
There were no Committee Updates.
- b) **NERC and Regional Updates (Mr. Walker)**
 - i. Project 2017-01 Modifications to BAL-003-1.1
 - a. Make the Interconnection Frequency Response Obligation (IFRO):
 - i. more reflective of current conditions
 - ii. consider all characteristics affecting Frequency Response
 - iii. include all applicable entities and be as equitable as possible; and
 - b. Frequency Response Measure (FRM):
 - i. ensure that over-performance by one entity does not negatively impact the
 - ii. evaluation of performance by another
 - iii. measure types/periods of response
 - iv. include all applicable entities and make allocations as equitable as possible.
 - c. Final ballot is due 10/21/2019.

- d. PJM voted positive.
- ii. Project 2019-06 Cold Weather Standard Authorization Request (SAR)
 - a. IRO-010-2 and TOP-003-3 require the RC and BA, respectively, to maintain documented data specifications needed to support the Operational Planning Analyses (OPAs), Real-time monitoring, and Realtime Assessments.
 - b. The proposed revisions will ensure RCs and BAs utilize information provided by GOs and GOPs to perform OPAs, and determine the expected availability and contingency reserves for the appropriate next day operating horizon during extreme cold weather
 - c. Comments are due 11/5/2019.
 - d. PJM is reviewing.
- iii. Eastern and Western Interconnection Generator Operator 2019 Survey
 - a. The survey is voluntary □ It is an industry led effort to gather information to address reliability issues regarding Frequency Response
 - b. Demonstrate, as an industry, that reliability issues can be addressed outside of mandatory Reliability Standards and Requirements.
 - c. GOPs will be requested to submit their survey forms to PJM as the BA.
 - d. Forms are due to the BA 11/22/2019.
 - e. PJM is leading this effort as the BA.
- iv. Workshops
 - a. GridSecCon 2019 – October 22–25, 2019, Atlanta, GA
 - b. Probabilistic Analysis Forum – December 11–13, 2019, Atlanta, GA
- v. Webinars
 - a. Guideline for Distributed Energy Resource (DER) Modeling for Bulk Power System Planning Assessments – 11:30 a.m.–12:30 p.m. Eastern, November 8, 2019
 - b. Improvements to Compliance and Enforcement Pages on NERC.com – 3:00–3:30 p.m. Eastern, November 14, 2019
 - c. Improvements to Compliance and Enforcement Pages on NERC.com – 2:00–2:30 p.m. Eastern, December 9, 2019
- vi. For a full list of Standards Under Development, and a list of future standard enforcement dates, go to: <https://www.pjm.com/-/media/committees-groups/subcommittees/rscs/20191018/20191018-item-02-rc-update.ashx>

4) Future Agenda Items

5) Future Meeting Dates

Thursday, November 14 th	9:00 a.m.	PJM Conference & Training Center/ WebEx
Friday, December 13 th	9:00 a.m.	WebEx

Author: Thomas Moleski

Antitrust:

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:

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