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 14th
    9:00 a.m.  PJM Conference & Training Center/ WebEx

    Friday, December 13th
    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:
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. PJM may create audio, video or online recordings of stakeholder meetings for internal and training purposes, and your participation at such meetings indicates your consent to the same.

Participant Identification in WebEx:
When logging into the WebEx desktop client, please enter your real first and last name as well as a valid email address. Be sure to select the “call me” option. PJM support staff continuously monitors WebEx connections during stakeholder meetings. Anonymous users or those using false usernames or emails will be dropped from the teleconference.