Reliability Standards and Compliance Subcommittee
Meeting and WebEx
Friday, April 17, 2020
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. Compliance Specialist, Reliability Compliance Department.
Bruce Samblanet  Appalachian Power Company
Connie Lowe  Dominion Virginia Power
Charlie Cook  Duke Energy
John Sturgeon  Duke Energy
Joseph Roettker  Duke Energy Ohio, Inc.
Jacquie Smith  Duquesne Light Company
Thomas Cichowski  Duquesne Light Company
Ronnie Mollohan  EKPC
Claudine Fritz  Exelon Business Services Company, LLC
Daniel Gacek  Exelon Business Services Company, LLC
Rajesh Geevarghese  Exelon Business Services Company, LLC
Keith Jenkins  First Energy Corporation
Ann Carey  FirstEnergy Utilities (FEU)
Gizella Mali  FirstEnergy Utilities (FEU)
Mark Garza  FirstEnergy Utilities (FEU)
Mark Klohonatz  FirstEnergy Utilities (FEU)
Sherri Johnsom  FirstEnergy Utilities (FEU)
Mike Ferguson  Indeck Energy Services Inc.
DaveMabry  McNees Wallace & Nurick LLC
JosephSmith  Public Service Electric & Gas Company
TimKucey  Public Service Electric & Gas Company
ThomasBuhler  Rockland Electric 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.
b) **Review of Administrative Documents (Thomas 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 (Thomas Moleski)**  
   The agenda was approved as presented.  

d) **Approval of the Minutes from the February 21, 2020, RSCS meeting (Thomas Moleski)**  
   The Minutes were approved as presented.  

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2) **PJM Compliance Activities**  

a) **Manual Updates**  
   i. Review of Manual 3 (Lagy Mathew)  
      a. Lagy Mathew outlined the changes to Manual M03  
         i. Cover to cover periodic review  
            1. Corrected typos, removed references to SPS.  
            ii. Section 1.5: Removed Section 2 reference from Manual 3A.  
            iii. Section 1.7: Updated RAS procedure for PRC-012 standard.  
            iv. Section 3 and Attachment C: Updated baseline voltage tables and voltage  
               exception request due to new eDART function for voltage limit implementation.  
            v. Section 3.11: Updated language showing eDART Voltage Schedule is the  
               required method for communicating generator voltage schedules.  
            vi. Section 3.9: Removed language concerning TSA Benchmarking.  
            vii. Section 4.5: Added Outage Acceleration posting site and contact email.  
            viii. Attachment A  
               1. Updated language for Wolfs Crossing RAS.  
               2. Removed two Lisle schemes due to station reconfiguration.  
            ix. Attachment B  
               1. Added clarifying language to ‘Cut-In’ Criteria for TO associated with  
                  project work.  
   
   ii. Review of Manual 1 (Bilge Derin)  
      a. Bilge Derin outlined the changes to Manual M03  
         i. Cover to cover periodic review
ii. Attachment A
   1. Added a list of external entities PJM shares network model information with directly.
   2. Added a new column in the data specification tables.
      a) Periodicity for providing the data
      b) Change to comply with TOP-003
   3. Removed Row B.5 Black Start Test Data from Table B.
   4. Removed Row B.16 AVR/PSS Excitation control output.

iii. Attachment B
   1. Removed references to EOP-005-3 R3 and R4, as these are already covered by Manual 36 Attachment G.

b) NERC Standard Drafting Team Vacancies (Mark Holman)
   i. Project 2020-01 Modifications to MOD-032-1
      a. Purpose: This project proposes to revise MOD-032-1 to address gaps in data collection for the purposes of modeling and interconnection-wide case creation regarding DER. The goal is to provide clarity and consistency for data collection across Planning Coordinators (PCs) and Transmission Planners (TPs) when coordinating with the DP to gather aggregate load and DER data.
      b. SDT Nominations Due: 04/24/2020
      c. PJM Nominated Phil Yum from System Planning Modeling & Support Department

   ii. Project 2020-02 Transmission-connected Resources
      a. Standard(s) Affected – MOD-025, MOD-026, MOD-027, PRC-019, and PRC-024
      b. Purpose: Dynamic reactive resources used to provide Essential Reliability Services (ERS) in the BES include generation resources (rotating machine and inverter-based) as well as transmission connected dynamic reactive resources (power-electronics based). Existing Reliability Standards for verifying the capability, modeling and performance of dynamic reactive resources are only applicable to Facilities comprising generation resources. Augmenting the applicability of these standards to include (nongeneration) transmission-connected reactive resources, both rotating machine (i.e. synchronous condenser) and power-electronics based, will enhance the BES reliability by ensuring that the capability, models and performance are verified and validated for all varieties of dynamic reactive resources utilized in providing ERS in the BES.
      c. SDT Nominations Due: 04/29/2019.
      d. PJM Nominated Kyle Clifford from System Planning Modeling & Support Department

   iii. Project 2020-03 Supply Chain Low Impact Revisions
      a. Standard(s) Affected – CIP-003-8
      b. Purpose: This project will address the NERC Board resolution adopted at its February 2020 to initiate a project to modify Reliability Standard CIP-003-8 to include policies for low impact BES Cyber Systems to: (1) detect known or suspected malicious
communications for both inbound and outbound communications; (2) determine when active vendor remote access sessions are initiated; and (3) disable active vendor remote access when necessary.

c. SDT Nominations Due: 05/06/2020
d. PJM has not nominated anyone as of this update.

iv. Project 2020-04 Modifications to CIP-012
   a. Standard(s) Affected – CIP-012 - Cyber Security – Communications between Control Centers
   b. Purpose: The purpose of this project is to address a directive issued by the Federal Energy Regulatory Commission (FERC) in Order No. 866 to develop modifications to the CIP Reliability Standards to require protections regarding the availability of communication links and data communicated between the bulk electric system Control Centers.
   c. SDT Nominations Due: 05/11/2020
d. PJM has not nominated anyone as of this update.

c) PRC-012 -2 Implementation Update (Stan. Sliwa)
   Stan Sliwa advised that PRC-012-2 will become effective in 2021, and the initial review to identify Remedial Action Schemes has begun. PJM is planning on addressing anything that is not classified.

d) PJM Operations during the Covid 19 Pandemic (Christopher Moran)
i. PJM has stood up a 3rd Control room in the PJM training center which became operational on Sunday 4/12/2020
   ii. PJM has also sequestered a select amount of operators to operate from the 3rd control room
      a. The sequestered operators volunteered to be sequestered for a minimum of 21 days or indefinitely until the risk of COVID-19 has been reduced
      b. All sequestered operators were tested for COVID-19 prior to sequestration (if the question arises about how many operators were sequestered, our answer is enough to maintain a full shift)
   iii. Shift schedules have been arranged so that there is no face to face shift turnover, it is done through another control center through a polycom device, this enables operations to ensure social distancing
   iv. 12 hour shift schedules have also been implemented as opposed to the normal 8 hour schedules to reduce operators in and out of the control room
   v. Moving forward PJM is looking into other contingency plans should a large number of Operators become sick, possible solutions include leveraging past operators or specific SME’s to support control room operations.
3) FERC, NERC, and Regional Activities

a) Committee Updates (Mark Holman)
   Mark Holman advised that there were no Committee Updates.

b) NERC and Regional Updates (Preston Walker)
   i. Technical Rationale for Reliability Standards
      a. The intent of this project is to remove the “Supplemental Materials” section from the
         Standards and place that information into separate documents titled “Technical
         Rationale”.
      b. The Technical Rationale documents provide technical basis and guidance for
         associated Requirements.
      c. Ballot comments are due: 04/20/2020.
      d. PJM is okay with this project.
   ii. Project 2020-02 Transmission-connected Resources
      a. Existing Reliability Standards for verifying the capability, modeling and performance of
         dynamic reactive resources are only applicable to Facilities comprising generation
         resources.
      b. Augmenting the applicability of these Standards to include (nongeneration)
         transmission-connected reactive resources, both rotating machine (i.e. synchronous
         condenser) and power-electronics based, will enhance the BES reliability by ensuring
         that the capability, models and performance are verified and validated for all varieties of
         dynamic reactive resources utilized in providing ERS in the BES.
      c. Comment are due: 04/29/2020.
      d. PJM will provide its position via the RSCS distribution list.
   iii. Standards Efficiency Review Phase 2 Operational Data Exchange Simplification Standard
        Authorization Request
      a. Simplify administrative burdens identified by the SER Phase 2 Team associated with
         IR0-010-2 and TOP-003-3 standards
      b. As written, the Standards create a zero-defect expectation for each Registered Entity
         receiving a data specification to demonstrate perfect performance on every item in the
         data specification for an entire audit period.
      c. Additionally, it is not clear what should be included in a data specification.
      d. The survey is due: 05/29/2020.
   iii. NERC News
      a. FERC and NERC provided guidance on use of regulatory discretion for COVID-19
      b. NERC Publishes FAQs About Joint NERC–FERC Industry Guidance for COVID-19
      c. NERC Files Motion to Defer Implementation of 7 Standards Due to COVID-19
      d. GridSecCon 2020 has been canceled
iv. 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/2020/20200417/20200417-item-03b-committee-updates.ashx](https://www.pjm.com/-/media/committees-groups/subcommittees/rscs/2020/20200417/20200417-item-03b-committee-updates.ashx).

4) Future Agenda Items

5) Future Meeting Dates*

- Friday, May 15th, 2020
- Friday, June 19th, 2020
- Friday, July 17th, 2020
- Friday, August 21st, 2020
- Friday, September 18th, 2020
- Friday, October 16th, 2020
- Friday, November 20th, 2020
- Friday, December 18th, 2020

*All RSCS WebEx meetings will be at 0900 on the third Friday of every month.

Author: Kristen Foley

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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.

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