MINUTES
PJM Interconnection
Reliability Standards and Compliance Subcommittee

Monthly WebEx
Friday, July 18, 2014
10:00 A.M. EST

1. Administration
   a. Call to Order:
      Reliability Standards and Compliance Subcommittee Secretary Tom Moleski called the meeting to
      order at 10:00 a.m.

   b. Members Attending:
      Stephanie Monzon (Chair)                  PJM Interconnection
      Thomas Moleski (Secretary)                PJM Interconnection
      Douglas Adams                             Baltimore Gas and Electric Company
      Scott Berry                               Indiana Municipal Power Agency
      Kenneth Brown                             PSEG
      Kathy Caignon                             Vineland Municipal Electric Utility
      Bernita Clover                            Duquesne Light Company
      Hugh Conley                               Duquesne Light Company
      Daniel Duff                               Liberty Electric Power, LLC
      David Fusek                               AEP
      Kristy Gedman                             Essential Power LLC
      Marlene George                            UGI Utilities, Inc.
      Stacey Harman                             Baltimore Gas and Electric Company
      Randi Heise                               Dominion Virginia Power
      Christopher Hoopes                        Baltimore Gas and Electric Company
      Art Iler                                  American Municipal Power, Inc.
      Doug Jerzycke                             Exelon Generation Co., LLC
      Joyce Leya                                Duquesne Light Company
      Claudia Meluni                            Pepco Holdings Inc.
      Mark Olsen                                NERC
      John Reed                                 FirstEnergy Solutions Corporation
      Bruce Samblanet                           Appalachian Power Company
      William Smith                             FirstEnergy Solutions Corporation
      Angela Thomas                             Northern Virginia Electric Cooperative
      Bob Thomas                                Illinois Municipal Electric Agency
      William Thompson                          Appalachian Power Company
      David Thorne                              Potomac Electric Power Company
Brenda Truhe       PPL Electric Utilities Corp. dba PPL Utilities

PJM Staff:
Angela D’Allesendro   PJM Interconnection, LLC
Bill Harm    PJM Interconnection, LLC
Yonas Habtemichael    PJM Interconnection, LLC
Bradley Hofferkamp   PJM Interconnection, LLC
Srinivas, Kappagantula PJM Interconnection, LLC
Mark Kuras    PJM Interconnection
Kim Nguyen    PJM Interconnection, LLC
Catherine Wesley   PJM Interconnection, LLC

c. Administrative Documents
Mr. Moleski referred to the Antitrust Guidelines, the Code of Conduct, the Compliance Disclaimer, and the Media Guidelines that were included with the Agenda. There were no questions on the documents as presented.

d. Today’s Agenda
i. The agenda was approved as presented.

e. Minutes
i. The minutes from the June 20, 2014 meeting were approved as presented.

2. PJM Compliance Activities:
Mr. Moleski led a discussion on the following compliance activities

1. PJM Manual Updates
i. Mr. Moleski reported that there were no manual updates under development that had compliance implications.

2. Proposed Online Compliance Forum
i. Mr. Moleski reviewed the Rules of Etiquette and the Compliance Disclaimer for the RSCS Forum.

3. November RSCS Meeting, Mr. Moleski
i. Mr. Moleski reviewed the proposal from last month to cancel the November RSCS meeting. There were no objections, and the November, 2014 meeting was cancelled.

   i. TPL-007 Summary
      a. Requires a GMD Vulnerability Assessment of the system for its ability to withstand a Benchmark GMD Event.
      b. Requires a Transformer thermal impact assessment to ensure applicable transformers will not overheat based on the Benchmark GMD Event Each
ii. Impacts of a GMD Event
   c. Increased reactive power consumption
   d. Transformer heating
   e. Protection System misoperation

iii. Next Steps
   f. SDT reviews ballot results and comments—August, 2014
   g. Post for a second ballot—August, 2014
   h. Seek NERC Board adoption at November meeting
   i. File with FERC by January 2015

5. MOD-026 & MOD-027 Update – Mr. Habtemichael
   i. Each of these standards has an effective date of July 1, 2014.
   ii. Both standards require PJM to furnish modeling data to owners upon request. Further, both standards require the Generator Owners to verify this data.
   iii. PJM is writing a Compliance Bulletin with instructions and information on both of these standards. The Bulletin will be posted by the end of the month.
   iv. MOD-026-1 and MOD-027-1 requests and inquiries should be submitted to: NERC.Transmission.Planner@pjm.com

6. November RSCS Meeting – Mr. Moleski
   i. Mr. Moleski polled the subcommittee for objections to canceling the November RSCS meeting. None were noted, so the November meeting will be removed from the schedule.

7. Order 754 – Single Point of Failure – Mr. Kuras
   i. PJM Relay Subcommittee has already completed a substantial amount of work on the 230kV and above system.
   ii. Work below 230 kV is still outstanding
   iii. The Relay Subcommittee will be reaching out to the individual TOs as needed.

8. Project 2008-02 Undervoltage and Underfrequency Load Shedding UVLS & UFLS – PRC-006-1 (Mr. Harm)
   i. Initially project included only UVLS. Revised Standard Authorization Request then included UFLS (May 23, 2014)
   ii. PRC-010-1 consolidates and revises all UVLS-related standards (PRC-010-0, PRC-020-1, PRC-021-1, &PRC-022-1) into one
   iii. PRC-010-1 was posted for informal comment on March 17, 2014
   iv. Revised definition of UVLS
   v. RRO no longer an applicable entity.

9. Project 2010-05.2 Special Protection Systems, Mr. Kuras
   i. Goal is to have all of the requirements that deal with Special Protection Schemes (SPSs) handled under one standard.
   ii. Work to date has largely concentrated on defining SPSs and specific exclusions.
   iii. In the future, NERC will be replacing the term “Special Protection System” with “Remedial Action Scheme”.

10. Risk Based Registration Advisory Group Task Force, Mr. Kuras
i. Entities no longer required to register:
   a. Purchasing/Selling Entity
   b. Load Serving Entity
   c. Interchange Authority

ii. Distribution Provider Registration Criteria:
   a. Greater than 75 MW directly connected to the BES
   b. Or owns a SPS, UVLS or Transmission Protection System required to protect the BES
   c. Or has a part in a Nuclear Plant Interface Requirements (NPIRs)
   d. Or owns UFLS required by a UFLS program (UFLS only DP)

iii. Phase II (GO, GOP, TO and TOP)
   a. Considering different MW thresholds
   b. Threshold applicability to subsets of NERC standards

11. MOD-025 – Mr. Moleski for Mr. Schweizer
   i. The Compliance Bulletin was issued on July 1 and since the last RSCS meeting in June, updated versions of the PJM Implementation Plan were reviewed at the June SOS and July OC meetings with minimal questions or comments from stakeholders. We are also on track for taking manual revisions through the committees in the Aug / Sept Committee cycle.

3. FERC Activities:
   1. FERC issued an order yesterday proposing to approve CIP-014 – Physical Security.
      i. Allows governmental authorities have the right to edit (add or remove) critical facilities
      ii. Replaces the term widespread instability with instability
   2. FERC issued an order yesterday to approve maintenance of auto-reclosing relays.
   3. FERC issued a final rule approving 2 NRRC Standards on generation and transmission relay loadability.

4. NERC Activities:
   Committee Updates:-
   No significant committee updates.

   MRC is looking for input on:
   1. RAI - NERC has posted the Inherent Risk Assessment Guide. Outlines how the enforcement authorities will go about identifying risk areas.
   2. Risk Based Registration – proposal to remove the Interchange Authority and Load Serving Entities (LSEs) as responsible entities, and remove the thresholds for DP.
   3. CIP Version V transition
   4. Cybersecurity Risk Information Sharing Program (CRISP) – monitors traffic into and out of an entities network.

5. Standards under development:
   1. Project 2014-01 Standards Applicability for Dispersed Generation Resources
i. Purpose – review applicability of certain Reliability Standards or requirements applicable to GOs and GOPs and revise, where applicable, to recognize unique technical and reliability aspects of dispersed generation to ensure consistent applicability of standards for reliable operation of BES.

ii. SDT completed this review and identified 3 high priority standards requiring revisions. Two of these, PRC-005 (versions 2, 3, & X) and VAR-002 (versions 2b & 3) are posted for comment.

iii. Comment period and ballot period both end on 7/28

2. Project 2008-02 Undervoltage and Underfrequency Load Shedding UVLS & UFLS
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3. 2015-2017 Reliability Standards Development Plan
   i. In 2015, the NERC Reliability Standards will reach Steady-State and number of active projects to dramatically decrease
   ii. By the end of 2015, almost all of Paragraph 81 candidates, Independent Expert Review Panel’s recommendations for requirement retirement, and FERC directives issued prior to December 2012 will have been addressed

6. Regional Entities Activities:
   There were no new Regional Entity activities to report.

7. Member Issues:
   i. RAI – at the NERC Trades Meeting, Gerry Cawley stated he wants RAI to become less conceptual and more tangible.
   ii. Stacey Harman (BGE) inquired about updating Compliance Bulletin #10 – PJM Data Submittal to satisfy PJM LSE’s requirements under NERC Standard MOD-017 through MOD-021. Mark Kuras said that PJM will revisit the issue of whether to update Compliance Bulletin #10 after FERC officially approves MOD-031-1 which is a new Standard that consolidates MOD-017 through MOD-021. Stacey Harman formally asked PJM not to retire Compliance Bulletin #10 stating that it adds value by documenting the data submittal process between PJM and RF on behalf of the LSE’s.

8. Future Meeting Dates:

   2014 RSCS Meeting Dates:
Friday June 20th, 2014 – WebEx
Friday July 18th, 2014 – WebEx
Thursday August 14th, 2014 – F2F
Friday September 19th, 2014 – WebEx
Friday October 17th, 2014 – WebEx
Thursday November 20th, 2014 – Cancelled.
Friday December 19th, 2014 – WebEx

RSCS Schedule:

Monthly WebEx: Third Friday of every month, except months where a quarterly Face-to-Face meeting is scheduled.

9. Adjourn:
Mr. Moleski adjourned the meeting at 11:14.

Prepared By: Thomas Moleski, Secretary
Typist: Thomas Moleski
Draft: 07/20/2014
Final: 08/14/2014