1. Call to Order:
Reliability Standards and Compliance Subcommittee Chairman Stephanie Monzon called the meeting to order at 10:00 a.m.

a. Members Attending in Person:
Stephanie Monzon (Chair)  PJM Interconnection
Bradley Hofferkamp (Acting Secretary)  PJM Interconnection
Annette Bannon  PPL EnergyPlus, L.L.C.
Elizabeth Davis  PPL EnergyPlus, L.L.C.
Doug Jerzycke  Exelon Generation Co., LLC (Power Team)
David Thorne  Potomac Electric Power Company
Brenda Truhe  PPL Electric Util. Corporation d/b/a PPL Utilities

b. Members Attending Via WebEx:
Kenneth Brown  Public Service Electric and Gas Company
Kathy Caignon  Vineland Municipal Electric Utilities
Juan Diaz  Customized Energy Solutions, Inc.
Mark Draper  Commonwealth Edison Company
Daniel Duff  Liberty Electric Power, LLC
Brenda Frazier  Edison Mission
Mark Godfrey  PEPCO Holdings, Inc.
Stacey Harman  Baltimore Gas and Electric Company
Lynn Hayward  American Electric Power
Christy Koncz  Public Service Electric & Gas Company
John Loftis  Virginia Electric & Power Company
Gerg Miller  Baltimore Gas and Electric Company
Jeff Mueller  Public Service Electric & Gas Company
Larry Raczkowski  FirstEnergy Corporation
Joe Roettker  Duke Energy Ohio, Inc.
Bruce Samblanet  Appalachian Power Company
Chris Scanlon  Commonwealth Edison Company
d. Administrative Documents
Mr. Hofferkamp referred to the Antitrust Guidelines, the Compliance Disclaimer, and the Media Guidelines that were included with the Agenda. There were no questions on the documents as presented.

e. Approval of the Agenda
Mr. Hofferkamp called for additions to the agenda. The following discussions were requested:
1) Mr Boyle & Mr. Berry will update the subcommittee on the recent COM-003 Workshop.
2) Ms Monzon will discuss the timing of the March RSCS WebEx.

f. Minutes
The minutes from the January 18, 2013 were approved as presented.

2. FERC Activities:
Ms. Monzon led a discussion on recent FERC activities:
1) FERC Order 754
   i. Concentrating on 345 kV and above
      1. Step 1 – Line Counting
         a. Finalized
      2. Step 2 – Full Redundancy Check
      3. Step 3 – Dynamics Screening
         a. Need Maximum Zone 2 clearing time for each bus
4. Step 4 – Remove Buses with no Dynamics Problems in Step 3 from the List
5. Step 5 – Specific Protection Information Request Deadline
   ii. Screening will eventually go to 100kV.
      1. Current time line suggests that could be as soon as 3 months.

3. NERC Activities:
   There were no NERC Committee updates, or CANs to report

1) Project 2007-09 – Generator Verification
   i. Generator Owner Obligation, but there was some discussion on whether it’s clear
      who has the reporting obligation. Could require the GO, TO, & DP to collaborate.
   ii. ISO Standards Review Committee will support.
   iii. PJM will support.
   iv. MOD-025-2, MOD-026-1, MOD-027-1 and PRC-019-1 passed the recirculation
      ballot on December 21, 2012 and will be presented to the Board of Trustees for
      adoption in February 2013.
   v. PRC-024-1 is being posted for a 30-day comment period January 25, 2013
      through February 25, 2013 with a successive ballot and nonbinding poll of the
      associated VRFs and VSLs from February 15, 2013 through February 25, 2013.

2) Project 2010 – 13.2 – Phase 2 of Relay Loadability: Generation
   i. Generator Owner Obligation
   ii. Concern expressed from the floor that the mandated settings found in the criteria
      are in many cases outside the manufacturers stated capability of the units. Under
      the new requirement, generators could be required to stay connected longer and
      risk damage. Apparently no exemption criteria.
   iii. Possibly conflicts w/ NUC-001.
   iv. Generator Forum will not support this.
   v. Draft 2 of PRC-025-1 has been posted for a formal comment period through March
      11, 2013. An initial ballot and non-binding poll of the associated VRFs and VSLs
      will be conducted from March 1, 2013 through March 11 2013
   vi. A supplemental SAR to revise PRC-023-2, a pilot of Phase 2 of the Cost Effective
       Analysis Process for this project, and an RSAW for PRC-025-1 have also been
       posted for industry comment through March 11 2013

3) Rapid Revision Procedure Document
   i. The Rapid Revision Procedure was developed by the Standards Committee
      Process Subcommittee to formalize a process for developing limited and narrowly
      defined revisions to a standard.
   ii. ISO RTO group is formulating comments
   iii. Concerns voiced:
      1. The NERC Standards Staff is the sole authority on what is and is not an
         interpretation.
      2. No formal process. Only way to submit a standard for interpretation is to
         submit a Standard Authorization Request (not an interpretation request)
iv. Rapid Revision is posted for a 30-day informal comment period through March 6, 2013.

v. PJM is in support of the concept, but has concerns with Rapid Revision as written.

4. Regional Entities Activities:
Ms. Monzon reported that there were no new Regional Entity activities to report.

5. NERC and Regional Coordination Dept. Compliance Activities:
Mr. DiCaprio reported on the following compliance activities

1) CIP Spot Check and 693 Audit –
   i. Currently in settlement discussions. No change in status

2) Kenzie Creek CVI –
   i. NOAV issued. No change in status

3) 2010 Frequency Excursion Spot Check
   i. NOAV issued for TOP-006 R5. No change in status

4) Upcoming RFC TO Audits
   i. BGE week of July 22
   ii. PECO week of September 23
   iii. UGI week of December 9

5) FERC Audit
   i. PJM had 28 recommendations in the FERC Report. Covered Operations, Planning, and CIP.
   ii. PJM submitted an Action Plan for each recommendation. Each Action Plan had 2 – 3 steps.
   iii. Report is public, and on PJM’s website. Recommendations were largely administrative in nature, and not substantive. (Manual tweaks, etc.)
   iv. The next submittal due 3/31/13.
   v. Relay coordination efforts recommended in the FERC Audit
      1. Heavily influenced by the Southwest Outage Report.
      2. PJM and the TO’s will review relays and operating limits to ensure mitigation or alternate limits for any facilities where relay settings may not provide time for operators to act; and train operators on any such mitigation plans
      3. PJM will communicate any relay settings and mitigations steps with impacted neighbors in the second quarter 2013.
   vi. Ms. Monzon will ask the manager of PJM’s CIP Compliance Department to come to the next RSCS meeting to discuss the CIP recommendations.
   vii. Ms. Monzon will forward the entire action plan to the Subcommittee

6) TO/TOP Matrix – Version 5 (Mr. Kuras)
   i. Approved by the TOA AC in December of 2012
   ii. Version 5 will be the starting point for the updates for the standards that will become effective this year.
iii. Ms. Truhe asked Mr. Kuras to launch the Doodle poll as soon as practical to increase attendance. Mr. Kuras agreed to do so.

iv. PER-005 will be the first addition (effective April, 2013)
   1. Working w/ PJM’s training Department to develop shared and assigned tasks
   2. First draft should be available by the end of the month.
   3. EOP-001, EOP-005, EOP-008 will follow closely

v. The Matrix Task Force will be upgraded to a Subcommittee shortly to reflect the ongoing nature of their work.

vi. In a recent meeting w/ PJM, RFC reaffirmed their support for the PJM Matrix, and agreed to continue to work with PJM on its future refinement.

7) Mitigation plan for Self Report on PRC-001, R3.2 (Mr. Kuras)
   i. The Self Report and the Mitigation Plan has been submitted.
      1. Relay Subcommittee played a key role in the development of the mitigation plan.
      2. Will require all TOs to double-check their coordination on shared facilities back through 2010.
      3. Plan also calls for training for the personnel involved with the coordination.

8) PJM’s PRC-001 Data Request (Mr. Moleski)
   i. Ms. Monzon thanked the Subcommittee for their response to PJM’s request and confirmed that all of the Transmission Owners have responded.
   ii. If there are any questions, please contact Mr. Moleski at moleski@pjm.com

9) Compliance Contacts during the audit (Mr. Moleski)
   i. Ms Monzon thanked the Subcommittee for their response and confirmed that PJM has a compliance contact for every Transmission Owner.

10) PERCS Website (Mr. Kappagantula)
   i. Mr. Kappagantula confirmed the discussion from last month’s s meeting. Data submitted via the PERCS Website can be viewed by other members with PERCS access.
   ii. Mr. Kappagantula is investigating the feasibility of partitioning the site into individual company specific sites. The Subcommittee will be updated as soon as additional information becomes available.

11) RFC’s Upcoming RFC Operational and Planning Audit (693) of PJM (Ms. Monzon)
   i. The only Planning standard that was included in the original 90 day notice was dropped during subsequent discussions.
   ii. Ms. Monzon stated that VAR-001 has a heightened profile for this audit. She speculated that PJM could be contacting the Generation Owners for data with little notice. This request would likely look like the information the TO’s currently collect under the Matrix.
   iii. Ms. Truhe requested that the TO compliance contacts be used for ALL communications regarding additional evidence requests.

6. Member Issues:
1) Request for information under Order 754 (Mr. Kuras)
   i. PJM Data collection is ongoing.

2) Status of discussions at SOS on data request in PJM M01 for IRO-010 (Mr. Collier)
   i. Mr. Collier discussed the SOS sub-team he leads that is working on documenting the minimum requirements needed to meet IRO-010.
   ii. Attachment A of M01 is the current list of required data, but the parameters listed are subject to a wide variety of interpretations.
   iii. No new data will be called for as a result of this project. This is simply an exercise to facilitate proof of compliance for the applicable entities.
   iv. Mr. Collier will follow up on a suggestion that was made to see how MISO has dealt with this.
   v. Mr. Collier will update the Subcommittee as his work progresses.

3) System Planning’s work on PRC-023-2 (Mark Sims) –
   i. Standard requires the Planning Coordinator to:
      1. Conduct an assessment to determine the circuits in its area for which Transmission Owners, Generator Owners, and Distribution Providers must comply with Requirements R1 through R5.
      2. Maintain a list of circuits subject to PRC-023-2
      3. Provide that list of circuits to all Regional Entities, Reliability Coordinators, Transmission Owners, Generator Owners, and Distribution Providers within its Planning Coordinator area within 30 calendar days of the establishment of the initial list and within 30 calendar days of any changes to that list.
   ii. Planning Committee endorsement of M14B language to support PRC-023-2 was obtained 10/11/2012
   iii. MRC approval of M14B and effective date of PRC-023-2 in PJM is anticipated in April 2013
   iv. DRAFT list of circuits for review was distributed to all entities impacted in early February 2013 (limited to TOs and GOs). Contact Mark directly (simsm@pjm.com) if you need to know where the list for your company was sent.
      1. Response requested by end of February 2013
      2. Draft list will become final once all feedback received, and manual language has been approved.

4) Discussion around EOP-005-2 (Mr. Libertz)
   i. Requirement 17 states that each Generator Operator with a Blackstart Resource shall provide a minimum of two hours of training every two calendar years to each of its operating personnel responsible for the startup of its Blackstart Resource.
      1. State and Member Training will be developing a generic module for Generator Operators to use as part of this training requirement. This could supplement specific training for the individual plant. They will also be working on assembling a “best practices” reference to aid the GOs with this training.
ii. Requirement 18 states that each Generator Operator shall participate in the Reliability Coordinator’s restoration drills, exercises, or simulations as requested by the Reliability Coordinator.
   1. Mr. Libertz reported that this is an ongoing topic at the System Restoration Coordinator Working Group. This group is developing a formal process to invite Generator Operators to participate in PJM Restoration drills.
   2. Mr. Libertz expects that they will be able extend these invitations for the fall, 2013 drill.

Specific questions can be addressed to Mr. Libertz at liberj@pjm.com

5) Request on the direction of the new BAL-003 (Frequency Bias Setting standard) and potential impact to PJM (Mr. Gordon)
   i. Standard recently approved by industry and NERC, not yet approved by FERC
   ii. Applicable to BAs
   1. Requirement 1 establishes a frequency response obligation for the Interconnection, which is then passed down to the BAs. Also establishes a frequency response measure, based on the results from the previous year.
      a. Effective 24 months from FERC approval.
   2. Requirement 2 establishes a review of each BAs frequency bias setting, and integration of that bias in the BAs ACE calculation
      a. Effective 12 months after FERC approval.
   3. PJM’s response has been in excess of its requirement for the past two years. (Calculated as the average response to events during the previous year) PJM will be conducting a governor survey to determine if its response can be predicted more accurately at different load levels and network topologies.

6) COM-003 Workshop. (Mr. Boyle)
   i. The COM-003 Standard Drafting Team is meeting at this time. Mr. Boyle provided a written update.
   ii. Despite the fact that several attendees argued that a Standard was not needed, NERC and FERC were steadfast in their resolve to have a communications standard. “You can help build the car or drive the car that you are given”.
   iii. The standard will likely be less prescriptive in what specifically must be in your communications protocol. Will concentrate on the fact that you have a protocol, and how your operators are following it.
   iv. More detail in how the standard will be audited was also requested at the workshop.

7) Discussion around changes to the BES (Ms. Monzon)
   i. Ms. Monzon highlighted the differences between the NERC and ReliabilityFirst definitions for Bulk Electric System
   ii. It is widely believed that the RFC definition will be retired when the NERC definition is adopted.
   iii. The analysis required by PJM to identify BES elements under the new definition could be quite intricate.
8. **Future Meeting Dates:**

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

The next meeting will be a WebEx on March 22nd. Details will be announced and posted to the PJM website.

**2013 RSCS Meeting Dates:**

1) Friday March 22\(^{nd}\), 2013 – WebEx (note change)
2) Friday April 19\(^{th}\), 2013 – WebEx
3) Thursday May 16\(^{th}\), 2013 – Face to Face
4) Friday June 21\(^{st}\), 2013 – WebEx
5) Friday July 19\(^{th}\), 2013 – WebEx
6) Thursday August 15\(^{th}\), 2013 – Face to Face
7) Friday September 20\(^{th}\), 2013 – WebEx
8) Friday October 18\(^{th}\), 2013 – WebEx
9) Thursday November 21\(^{st}\), 2013 – Face to Face
10) Friday December 20\(^{th}\), 2013 - WebEx

9. **Adjourn:**

   Ms. Monzon adjourned the meeting at 12:19.