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

   Mr. Moleski advised the Subcommittee that PJM recently acquired software that allowed recordings of the monthly Committee WebEx/meetings. Mr. Moleski offered to start with this meeting. Hearing no objections, this WebEx will be recorded and placed on the website for the Subcommittee's review.

   b. **Members Attending:**
   
   Mark L. Holman (Chair)  
   PJM Interconnection

   Thomas Moleski (Secretary)  
   PJM Interconnection

   Gerry Adamski  
   Essential Power LLC

   Hugh Conley  
   Duquesne Light Company

   Edward Cox  
   Appalachian Power Company

   Elizabeth Davis  
   PPL EnergyPlus, L.L.C.

   David Fusek  
   Appalachian Power Company

   Marlene George  
   UGI Utilities, Inc.

   Wayne Harcourt  
   Duke Energy Ohio, Inc.

   Stacey Harman  
   Baltimore Gas and Electric Company

   Doug Hohlbaugh  
   FirstEnergy Solutions Corporation

   Art Iler  
   American Municipal Power, Inc.

   George Kogut  
   New York Power Authority

   Christy Koncz  
   Public Service Electric & Gas Company

   Bruce Krawczyk  
   Commonwealth Edison Company

   John Loftis  
   Virginia Electric & Power Company

   Laura Lumbrazo  
   Rockland Electric Company

   Claudia Meluni  
   Pepco Holdings Inc.

   Joe Roettker  
   Duke Energy Ohio, Inc.

   Jonathan Sasser  
   Customized Energy Solutions, Ltd.*
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 October 17, 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. Manual 14B – PJM Region Transmission Planning – Mr. Habtemichael
a. Updates required to move from PRC-023-2 to PRC-023-3 have been approved by the respective stakeholder committees.
b. PJM plans to release a list of affected elements in the second quarter of 2015.
c. The list will be public, and will be released to the RSCS when it is available.
d. Subject to FERC enforcement effective October 1, 2014.
e. Overall impact to PJM from the PRC-023-3 list is low

ii. PJM Manual 13 – Mr. D’Antonio highlighted the recent changes to Manual 13
   a. Section 2.2 - Updated the DASR requirement to the new 2014/2015 values.
   b. Section 2.3 - Added ‘Advisory’ as an Emergency Procedure type. Added detail to the Warning, Alert and Action definitions, Added a NOTE to give clarity for how unit owners received the "Unit Start Up Notification" Alert.
   c. Section 2.3.1 - Added the Voltage Reduction Summary table based on SOS-T Feedback
   d. Section 2.3.2 - Added clarity on the actions take prior to emergency procedures, included a statement about applying an Interchange Cap (based on ERPIV proposal)
   e. Section 2.4.1 - Added the Min Gen Advisory procedure
   f. Section 3.3 and 3.4 Cold/Hot Weather Alerts updated based on GUCC/ERPIV proposals for data entry updates and long lead commitment practices
   g. Section 3.7 - Revised and updated the GMD procedure to include new monitoring stations and clarity on actions to take.
   h. Attachment A - Re-written, condensed and consolidated for clarity
   i. Attachment N - Removed Kammer/Belmont IROL allocations.

iii. PJM Manual 10 – Mr. Schweizer highlighted the recent changes to Manual 10
   a. This update was done as part of the annual review of Manual 10. Of particular interest to the Subcommittee is Section 2.5 Outage Reporting for Facilities Providing PJM Black Start Service. There was a new section added to highlight the criticality of reporting outages on facilities providing PJM Black Start Service including the associated cranking diesel generators or other essential auxiliary equipment if the main unit remains available.

iv. PJM Manual 14D – Mr. Schweizer highlighted the recent changes to Manual 14D
   a. Sections 7.1.2 and 7.3.4 of Manual 14d were updated to match Requirements 3 and 4 of NERC Standard VAR-002-3.
   b. Notifications are no longer required for any status change on AVR, PSS, or reactive capability that returns to normal within 30 minutes.
   c. Notifications are still required for status changes that do not return to normal within 30 minutes.
   d. The proposed effective date of these changes is January 15, 2015.

2. NERC PRC-006 – Mr. Habtemichael
   i. UFLS Study is nearly complete, preliminary results show PJM is 100 percent compliant.
   ii. At this time, no changes are contemplated for PJM’s UFLS Program
   iii. Study documentation is currently being assembled.
   iv. It is PJM’s intent to repeat this study again in five years.

3. NERC MOD-032 – Mr. Thompson
i. Effective July 1, 2015.
ii. PJM, as the TP and the PC must develop steady-state, dynamics, and short circuit modeling data requirements and reporting procedures for the Planning Coordinator's planning area.
iii. Will necessitate changes to Manual 14B. The first draft is already under development.
iv. Will also necessitate a procedure manual similar to the ERAG MMWG's.
v. GO requirements are finished. Method of transmission is still under development.
vi. TO will be able to log onto PJM's "Model on Demand" software to submit topology data for case construction.
vii. Data submission schedule will remain consistent with the MMWG schedule wherever practical.
viii. Mr. Thompson will return with periodic updates for the Subcommittee.

4. CIP-002-5 - Ms. Monzon
i. As the planning coordinator PJM has completed studies that identify facilities as required, to avoid an Adverse Reliability Impact in the planning horizon. Each GO and/or GOP of these facilities have been notified as appropriate. Similarly, the owners of Transmission Facilities at a single station or substation location have also been notified if their facilities have been identified as critical to the derivation of Interconnection Reliability Operating Limits (IROLs) and their associated contingencies.
ii. Ms. Monzon is looking for contact information, particularly from the GOs and GOPs, if there is someone easily identifiable as the likely recipient of this information.
iii. Send this information to regional_compliance@pjm.com or stephanie.monzon@pjm.com

5. DRAFT Reliability Guideline: Generating Unit Operations During Complete Loss of Communications v1.1 – Mr. Schweizer
i. PJM is reviewing this guideline and expects to comment in January.
ii. Comment period closes January 29th, 2015.

3. FERC Activities:
1. No FERC activities reported

4. NERC Activities:
a. Committee Updates:-
1. Mr. Kuras updated the Subcommittee on the NERC Planning Committee held December 9th and 10th in Atlanta
   i. Mr. Cauley’s opening remarks included the three main areas of focus in 2015:
      a. Modeling – great strides made in 2014, but more and better information is still needed.
      b. Resource Adequacy – some portions of NERC were identified as areas of concern.
      c. Protection – Ten percent of protection system operations are mis-operations.
   ii. GADS data collected for Wind Machines will be undergoing changes
   iii. Transmission line planned outage data will no longer be collected for TADS.
   iv. Essential Reliability Services Task Force
      a. Looks at issues that fall outside of Standards (e.g. frequency response).
b. Developing metrics for several potential projects.

v. Integration of Variable Generation Task Force (IVGTF) will likely sunset early next year.

vi. Reliability Assessment Subcommittee (RAS) will be performing their usual assessments, but will likely get additional scrutiny due to Gerry Cauley’s 2015 priorities.

vii. Potential Reliability Impacts of EPA’s Proposed Clean Power Plan

   a. Overview of the Phase 1 study includes the proposed schedule for completion, as well as a description of the topics/scenarios to be examined.

   b. NERC’s plan for reviewing and assessing the reliability impacts of the EPA’s proposed Clean Power Plan included a preliminary review released in November 2014. As the EPA works to finalize its rule, NERC is developing this Phase 1 study to be released in February 2015, which will provide a more detailed evaluation of the reliability impacts, including multiple scenario assessments.

   c. Many present at the NERC PC meeting voiced concerns about assumptions and study techniques. Many understood the resource adequacy side, but there were concerns about transmission enhancement options.

b. Standards under development:

1. Project 2014-01 – Disbursed Generation
   i. Over 20 Standards are being revised or somehow adjusted to support the new BES Definition
   ii. PRC-001, PRC-019, PRC-024 currently posted for ballot. Ballots are due December. 22.
      a. PRC-001 is applicable to PJM, and PJM will be voting in the affirmative.
      b. Neither PRC-019 nor PRC-024 are applicable to PJM, and PJM will cast a ballot to abstain.

   i. TOP-001-3 is currently posted for ballot and comment. Both are due January 7.
   ii. PJM will be submitting an affirmative ballot, and a general comment supporting this version of the draft.
   iii. Dave Souder is the Chair of the SDT, and Subcommittee members with questions are encouraged to reach out to him with questions.

5. Regional Entities Activities:
   There were no Regional Entity Compliance Activities discussed.

6. Member Issues:
   Before the WebEx, Mr. Scanlon made a request to have the DRAFT Reliability Guideline: Generating Unit Operations During Complete Loss of Communications v1.1 brought up for discussion at the January meeting. Mr. Schweizer will accommodate that request.

7. Future Meeting Dates:

   Friday, January 16th, 2015 – WebEx
   Thursday, February 19th, 2015 - Meeting and WebEx
Friday, March 20th, 2015 – WebEx
Friday, April 17th, 2015 – WebEx
Thursday, May 14th, 2015, Meeting and WebEx
Friday, June 19th, 2015 – WebEx
Friday, July 17th,-2015 – WebEx
Thursday, August 20th, 2015, Meeting and WebEx
Friday, September 18th, 2015 – WebEx
Friday, October 16th, 2015 – WebEx
Thursday, November 19th, 2015 Meeting and WebEx
Friday, December 18th, 2015 – 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 10:48.