Planning Committee  
PJM Conference and Training Center, Audubon, PA  
May 12, 2016  
9:30 a.m. – 12:15 p.m. [EPT]

### Administration (9:30 – 9:35)

1. Welcome, announcements and review of the Anti-trust, Code of Conduct, and Media Participation Guidelines. - Mr. Steve Herling
2. Approve draft minutes from the April 7, 2016 Planning Committing (PC) meeting.

### Endorsements/Approvals (9:35 – 10:05)

3. **PJM Manual 14E Updates**
   
   Mr. Jason Connell, PJM, will present updates to PJM Manual 14E. The committee will be asked to endorse these updates at its next meeting. **The committee will be asked to endorse these updates.**

4. **Tariff Revisions for Earlier Queue Submittal Task Force**
   
   Mr. Dave Egan, PJM, will present Tariff language updates to reflect work completed in the Earlier Queue Submittal Task Force (EQSTF). The committee will be asked to endorse these revisions at its next meeting. **The committee will be asked to endorse these updates.**

5. **PJM Manual 14B Revisions**
   
   Mr. Mark Kuras, PJM, will present a replacement for the CEII section of the Introduction in PJM Manual 14B. The committee will be asked to endorse these revisions at its next meeting. **The committee will be asked to endorse these updates.**

### First Readings (10:05 – 11:00)

6. **Transmission Owner Upgrades**
   
   Mr. Paul McGlynn, PJM, will discuss RTEP process enhancements related to transmission substation equipment. Mr. McGlynn will also present PJM Operating Agreement revisions to implement the proposed changes. The committee will be asked to endorse the proposed revisions at its next meeting.

7. **PJM Manual 14C Updates**
   
   Mr. Jason Shoemaker, PJM, will present redline changes to Manual 14C. The changes include additions to Manual 14C to support the inclusion of Order 1000 processes. The committee will be asked to endorse the proposed revisions at its next meeting.
8. **PJM Manual 14B Updates**

Mr. Michael Herman, PJM, will present updates for PJM Manual 14B including updates to Light Load and Winter Peak Reliability analyses to align with current practices, references to TPL-001-4 and, updates to NPIR planning analysis section. The committee will be asked to endorse these updates at its next meeting.

9. **IRM Study Assumptions**

Mr. Tom Falin, PJM, will present the IRM study assumptions as developed in the Resource Adequacy Analysis Subcommittee. The committee will be asked to endorse the study assumptions at its next meeting.

10. **PJM Manual 7 Updates**

Mr. Glenn Bray, PJM Relay Subcommittee Chairman, will present changes to PJM Manual 7 recommended as part of the PJM Relay Subcommittee’s biennial review of Manual 7.

### Informational Updates (11:45 – 12:00)

11. **Joint Operating Agreement Language Updates**

Mr. Chuck Liebold, PJM, will review a draft of MISO/PJM Joint Operating Agreement language to develop targeted market efficiency projects.

12. **PJM/NYISO Wheel Modeling**

Mr. Paul McGlynn, PJM, will lead a discussion on the potential for modeling and analysis changes regarding the anticipated termination of the PJM/NYISO “ConEd” Wheel.

13. **NERC/RRO Update**

Mr. Mark Kuras, PJM, will provide an update to the membership on the activities, issues and items of interest at NERC, SERC, and RFC.

14. **500 kV Line Designation**

Mr. Yuri Smolanitsky, PJM, will present new 500 kV line designations for the FE-South territory.

15. **AEP Sub-Transmission Planning Criteria Changes**

Mr. Kamran Ali, AEP, will present changes to the AEP Transmission Owner Planning Criteria which was filed with AEP’s 2016 FERC Form 715 earlier this spring.

### Informational Section

**PJM/MISO Queue Study Coordination**

On April 21, 2016 The FERC issued an order under Docket No. EL13-88. This order provided that PJM and MISO must make changes to the location and content of the MISO and PJM queue...
coordination language which will require changes to PJM Manual 14A and the Joint Operating Agreement Between the Midwest Independent Transmission System Operator, Inc. And PJM Interconnection, L.L.C.

Order 1000 Lessons Learned

At the April 29 meeting, the future direction of the lessons learned effort was discussed. PJM presented a roadmap with the three (3) suggested tracks for future activities: 1. Market Efficiency project process description; 2. Reliability project process description; 3. TEAC Redesign. During the meeting, there was a suggestion that another track be added to address upgrade projects. As the next step, it was suggested that an education session be conducted first to explain the RTEP process and to provide further explanation of the terminology associated with the RTEP process. PJM will be scheduling several meetings to begin discussion on these points.

Model On Demand Update

PJM has posted in MOD 4 seed cases (2017, 2018, 2021, 2016) for transmission owner review. These are to be the seed cases for MMWG cases this year. TOs are asked to check the cases to ensure topology is correct and complete. Any additional project files and project file corrections are needed by May 20, 2016. PJM will create the 12 cases for MMWG this year based on these updates.

MOD-032 Gen Model

PJM has opened its Planning Center: Gen Model application in order to collect data from generation owners for NERC MOD-032 compliance. The window for getting the data uploaded to the tool will close on July 31, 2016. If you have any access issues please reach out to MOD-032@pjm.com

Subcommittee/Task Force Updates

Designated Entity Design Standards Task Force (DEDSTF)

The DEDSTF last met on 4/14/2016. At that meeting the three sub groups (Substations, lines and protection) continued discussions on the organization/development of the Design Standards as well as the process of reviewing the existing materials. The next meeting of the DEDSTF is 5/15/2016, and in addition to the three subgroups, the DEDSTF will meet as a whole to discuss the process and organization to this point.

DEDSTF website

Transmission Replacement Processes Senior Task Force (TRPSTF)

Formerly the End of Life Senior Task Force, the name of this senior task force was modified to Transmission Replacement Processes Senior Task Force. However, the scope and work of the group has not changed and the draft charter was voted upon by the senior task force resulting in overwhelming support. The draft charter “first read” at the MRC was completed on April 28th, and the TRPSTF will be seeking endorsement at the MRC meeting on May 26th. Additionally, a draft curriculum was completed at the April 26th TRPSTF meeting which can be found on the TRPSTF
The first education session will commence on May 9th, focusing on an overview of the PJM planning process. The second education session will be presented by Transmission Owners on May 23rd, covering planning criteria and asset management. Please encourage any subject matter experts who may later participate in the TRPSTF to attend the education sessions, as it is important for participants to remain on the same page for continued progress of this senior task force. Please visit the TRPSTF site for further information, and direct any questions you may have to the TRPSTF secretaries (Julia Spatafore and Jason Quevada).

To receive email notifications, please subscribe to the Transmission Replacement Processes Senior Task Force list serve on the My Email Lists page on your My PJM account.

### Future Meeting Dates

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<thead>
<tr>
<th>Date</th>
<th>Time</th>
<th>Location</th>
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<tbody>
<tr>
<td>June 9, 2016</td>
<td>9:30 a.m.</td>
<td>PJM Conference and Training Center, Audubon, PA</td>
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<tr>
<td>July 14, 2016</td>
<td>9:30 a.m.</td>
<td>PJM Conference and Training Center, Audubon, PA</td>
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<td>August 11, 2016</td>
<td>9:30 a.m.</td>
<td>PJM Conference and Training Center, Audubon, PA</td>
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<td>September 15, 2016</td>
<td>9:30 a.m.</td>
<td>PJM Conference and Training Center, Audubon, PA</td>
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<td>October 6, 2016</td>
<td>9:30 a.m.</td>
<td>PJM Conference and Training Center, Audubon, PA</td>
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<td>November 3, 2016</td>
<td>9:30 a.m.</td>
<td>PJM Conference and Training Center, Audubon, PA</td>
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<td>December 15, 2016</td>
<td>9:30 a.m.</td>
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Author: Bridgid Cummings

**Anti-trust:**
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.