Tech Change Forum  
PJM Conference and Training Center  
November 19, 2019  
1:00 – 3:00 p.m. EPT

**Administration (1:00-1:00)**
1. Welcome & Ground Rules

**Past Meeting Issue Review (1:00-1:05)**
2. Discuss follow-up items from last meeting.
   A. Foluso Afelumo, PJM, communicated that there were no items to follow-up on from the October 21 Tech Change Forum

**Initiative Roadmap Updates (1:05-1:10)**
3. Roadmaps for PJM initiatives through 2019 will be presented
   A. Amanda Egan, PJM, reviewed the roadmap for Communication and Subscription Improvements and requested that stakeholders should whitelist the PJM dedicated IP address @lists.pjm.com. She communicated that there is a Subscription Pilot being held from November 20 until December 4 and that the new communication feature will be implemented in production on January 6. Ms. Egan reminded stakeholders that PJM is removing subscribing to PJM Tools from the My Email Lists page and afterwards users with access to PJM Tools will automatically be added to the specific tool’s communication subscription. Users without access to tools should subscribe to TechNotify. She stated that if anyone has a current subscription they will not need to make a change since PJM will provide them with their current subscription.

   B. Amanda Egan, PJM, provided an update on the upcoming Membership Management Community and Account Manager (CAM) changes. She explained that PJM is making a consolidated effort for members to maintain their information with PJM without using paper and email requests and therefore is adding a Member Maintenance feature. This feature will include the ability to make the following changes:
   - Company Name Change requests
   - Membership Withdrawal requests
   - Affiliate Disclosure updates
   - Voting Member changes
   - Member Affiliate changes
   - Non-member Affiliate changes
   - Related Party updates (applicable to voting members in the ED sector)
   - Company Account Manager (CAM) updates
   - Sub-account requests
   - Contact Manager updates.

Access to the Member Maintenance feature will be available to an Officer of the Member or an Authorized Representative and the new form will be sent to members in Mid-November for completion. Ms. Egan also explained that the Contact Manager attestation form will be retired in March 2020 and Contact Manager changes would then be
initiated through Member Maintenance. She explained that although PJM was not looking to change the Account Manager (CAM) responsibilities, there could be changes based on pending Manual 33 changes. She then provided the timeline that was shared with the Planning Committee and Operating Committee. She requested that stakeholders share this information internally and that PJM will send additional updates as they become available.

Product Roadmap Updates (1:10-1:50)

4. Roadmaps for individual products will be presented

   A. Gerry McNamee, PJM, reviewed the roadmap for DR Hub, Power Meter, InSchedule, Billing Line Item Transfer and eSuite Home Page. He communicated that as of November 20, https://esuite.pjm.com will only have urls for non-refreshed applications and users should access refreshed applications using https://etools.pjm.com in the production environment.

   B. Kim Warshel, PJM, provided an update on the Markets Gateway roadmap explaining that the FERC Order 841 enhancement for Electric Storage Participation was implemented in train on November 8 and will be implemented in production on December 3. The new fields being added to Markets Gateway were explained and Ms. Warshel announced that PJM will hold an education session on December 6, from 2:00-4:00 p.m. She asked that stakeholders should participate.

   C. Amanda Egan, PJM, provided an update to the roadmaps for Account Manager, Bulletin Board, eDataFeed, Data Viewer, Messages, Resource Tracker, and Voting. She communicated that there was only one update planned for Account Manager. Ms. Egan explained that the Account Manager enhancement will remove the ability for users to automatically be provided default tool access and that new users would need to request all access and have their CAM approve such requests. She attributed this change to both member feedback and PJM’s tool security enhancements. She explained that this change would be implemented on November 23, at which time Account Managers would need to re-authenticate their access in the Account Manager application. She explained that this might be needed again in December. The December date will be communicated later.

   D. Tawnya Luna, PJM, reviewed the PJM.com roadmap and communicated that the PJM.com phase two home page updates scheduled for Q4 2019 will now take place in 2020. She also communicated that the Project State & Cost Allocation page went live. She also communicated that the Operational Data page is being retired on July 31 and its current information will be available in Data Miner 2. In addition, Ms. Luna explained that in the future the Instantaneous Dispatch rates will be incorporated into other pages of PJM.com and that if anyone has any feedback regarding these changes they should email them to techchangeforum@pjm.com.

   E. Swapna Kanury, PJM, provided an update to the Data Miner 2 roadmap and explained that beginning January 2020, stakeholders will need to be more familiar with Data Miner 2 archived data versus standard data. She suggested that stakeholders should review the training guide on Historic Data vs Standard data located on the Data Miner 2 page. She communicated that for more information on the upcoming November 18, December 24, and January 7 releases, users should subscribe to the Data Miner 2 distribution list.

   F. Madeline Beach, PJM, provided an update to the eDART roadmap and explained that PJM is still seeking feedback on the eDART Web UI and Browserless Refresh. Ms. Beach communicated that the eDART Forum and eDART XML Forum information has been moved under the Tech Change Forum page. She provided the upcoming December 3 train and December 18 production release dates for eDART enhancements. Ms. Beach suggested that stakeholders start directly obtaining their eDART information from the eDART webpage and to attend the December 3 eDART Users meeting. Ms. Beach reminded stakeholders that PJM continues to seek feedback for the Q1 2020 new browserless functionality.
G. Heather Bird, PJM, provided a Connect.pjm.com roadmap update explaining that the beta site has been available since October 15 and would remain available till November 26 to allow users to test the new site and to become familiar with it. Ms. Bird requested stakeholders contact Member Relations to request access for testing and to contact SharePointConnectAdmins@pjm.com to report issues or submit questions. She also explained that users should not add any new content between December 6 and December 8 during the production implementation. Ms. Bird communicated that Connect.pjm.com will be integrated into PJM’s Single Sign-On (SSO) at a future date and that internet explorer (IE) is the preferred browser for Connect.pjm.com.

H. Tim Marcus, PJM, provided an update to the Networks roadmap stating that the network change planned for November 19 would be rescheduled to November 21 and a new communication would be sent to the TechNotify distribution list.

I. Sunil Rachakonda, PJM, reviewed the Tools Security roadmap explaining that PJM is planning two new initiatives in 2020. The first initiative is to implement public key infrastructure (PKI) authentication on ExSchedule and OASIS to comply with the FERC Notice of Proposed Rule Making (NOPR). He explained that users would need to use Account Manager to associate valid PKI certificates with user accounts. The second initiative involves making PKI available for all PJM tools in the future.

J. Foluso Afelumo, PJM, reviewed the Product Map – No Updates roadmap for the month.

General Updates (1:50-2:00)

5. General updates will be presented

A. Foluso Afelumo, PJM, communicated two PJM production issues that affected stakeholders. The first was on October 22 when browserless interactions were impacted after a Networks change. The second was on November 11 due to Networks change that PJM rolled back within minutes. He explained that PJM was looking to enhance its communications on impacts in the future.

B. Tawnya Luna, PJM, reviewed the Browser Support update communicating PJM’s recommendations for browser usage and current browser versions that are supported for refreshed tools and websites.

Product Design Review & Feature Demonstrations (2:00-2:30)

6. None

Future Meeting Announcement (2:30-2:35)

7. Foluso Afelumo, PJM, highlighted important upcoming dates:
   - November 20 - esuite changes to remove urls for refreshed applications
   - November 20 - Networks changes
   - November 21 - Networks change previously scheduled for November 19
   - November 23 - Account Manager outage
   - Mid November – New CAM form
   - December 5 - Power Meter changes
   - December 5 – Networks Changes
   - December 6 – Energy Storage Resource Education Session
Agenda

- December 8 – eDART Outage overnight
- December 31 – IE9 Support discontinuance

General Feedback and Future Forum Topics (2:05)

Future Meeting Dates

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<td>December 17, 2019</td>
<td>1:00 p.m.</td>
<td>PJM Conference &amp; Training Center / WebEx</td>
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Author: Risa Holland

**Antitrust:**
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.
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