Tech Change Forum
PJM Conference and Training Center
December 16, 2021
1:00 p.m. – 3:00 p.m. EPT

Administration (1:00-1:05)

1. Welcome & Ground Rules

    A. Webex Name Display Instructions

Important Implementation Dates Review (1:05-1:10)

2. Important upcoming implementation dates will be reviewed

    A. Foluso Afelumo, PJM, highlighted important upcoming 2021 Q4 and 2022 Q1 implementation dates

Initiative Roadmap Updates (1:10-1:10)

3. None

Product Roadmap Updates (1:10-1:55)

4. Roadmaps for individual products will be presented

    A. Maria Baptiste, PJM, reviewed the eDART roadmap. Baptiste communicated that the retirement of the filetransfer.jar and legacy URL in the Production environment has been rescheduled to February 9, 2022. Baptiste stated the extension was based on stakeholder feedback and that PJM would be available to assist users with any issues. Baptiste recommended that stakeholders review the DART Browserless User Guide.

    B. Bhavana Gagrani, PJM, reviewed the Account Manager, Bulletin Board, Data Viewer, Messages, Resource Tracker, Tools Home and Voting roadmaps. Gagrani discussed the upcoming changes to the Voting application in the Train environment on January 6, 2022 in the Production environment on January 13, 2022.

    C. Sunil Rachakonda, PJM, reviewed the Tools Security roadmap. Rachakonda communicated PJM's updated timeline for the Train and Production implementations of the mandatory PKI certificate authentication. Rachakonda communicated that PJM has scheduled a January 13 session to discuss the upcoming PKI implementation and encouraged stakeholders to register and attend.

    D. Ian Mundell, PJM, reviewed the Planning Center: Gen Model, Queue Point and Competitive Planner and eGADS roadmaps. Mundell communicated that account management for eGADs would be migrated to Account Manager in Q1 2022 and asked stakeholders without an Account Manager account to create one now to help with this transition. Mundell explained that although no changes to eGADS functionality or usability would occur, there would be a transition period during which both authentication methods would work. Mundell reminded participants that CAMs would be responsible for granting access, and PJM Client Managers would be able to assist with account questions. Mundell stated PJM would provide more details regarding implementation dates at the January Tech Change Forum and that additional documentation is pending to assist stakeholders.

    E. Tawnya Luna, PJM reviewed the PJM.com roadmap. Luna communicated that Data Snapshot will be replaced by a redesigned Data Viewer application. Luna explained that PJM is blocking IP addresses that scrape data excessively on the PJM.com website. Luna asked that stakeholders review and update their scripts to point to Data Miner for high frequency data needs and that the frequency of scripts getting data from PJM.com should be no more than five minutes. Luna also reviewed the schedule for the Secure Area Expiration effort

    F. Monica Burkett, PJM, reviewed the Communities roadmap. Burkett asked stakeholders to review the December V1 release details scheduled for December 22. Burkett communicated that the Membership Management Community release would fix bugs to the Agent State of Incorporation area when users save and continue their updates and allow the submission of an Officer Certification form outside of PJM's Annual Recertification timeframe.

G. Keith Rainer, PJM, reviewed the Networks roadmap. Rainer communicated that there will be network maintenance on January 10, 2022 with no impact expected to stakeholders and that PJM completed two wildcard certificate replacements in December with no external impacts. Rainer communicated that the wildcard certificates will be replaced again in Q4 2022.

H. Sushma Hegde, PJM, reviewed the Data Miner roadmap. Hegde explained that PJM rolled back the Day-Ahead Ratings feed and additional information on re-releasing it would be made available at the next Tech Change Forum.

General Updates (1:55-2:15)

5. General updates will be presented

A. Zeenath Fernandes, PJM, reviewed PJM's Retiring Use of Weak Encryption implementation. Fernandes requested participants who use PJM's internet facing applications and use weak encryption cipher suites on their source devices for the Voting application to make updates to use an acceptable level of encryption by January 27. Fernandes stated that implementation dates for Account Manager, Billing Line Item Transfer, Bulletin Board, Capacity Exchange, Data Viewer, DER Directory, DR Hub, eCredit, eDART, eGADS, Emergency Procedures, ExSchedule, FTR Center, InSchedule, Markets Gateway, MSRS, OASIS, PJM.com, Planning Center, Power Meter, Resource Tracker, TO Connection, and Tools Home is still under discussion and suggested to stakeholders to utilize the Train environment to test the changes in the interim. Encryption documentation is available to review.

B. Foluso Afelumo, PJM reviewed General Updates and recent production issues. Afelumo communicated PJM had one production issue on November 30 where the authentication system for PJM tools were unintentionally disabled and that PJM is looking into ensuring this doesn't happen again.

Product Design Review & Feature Demonstrations (2:15-2:30)

6. Demonstrations *(This educational topic is being recorded at the request of stakeholders. It will be posted)*

A. Monica Burkett, PJM, provided the Annual Officer Certification Form, Membership Management demonstration and referred stakeholders to the Membership Management Community page for additional documentation.

Product Roadmap Informational Detail Only (2:30-2:35)

7. Roadmaps for individual products not presented

A. Markets Gateway roadmap [Kim Warshel]

B. DR Hub, Power Meter, InSchedule and Billing Line Item Transfer roadmaps [Gerry McNamee]

C. PJM Connect roadmap [Kevin Hilyard]

D. File Transfer Protocol (FTP) Availability in Chromium Browsers update [Tawnya Luna]

E. No Planned Updates roadmap [Foluso Afelumo]

General Feedback and Future Forum Topics (2:35)

Future Meeting Dates

Tuesday, January 18, 2022	2:30 p.m. - 4:30 p.m.	WebEx
Monday, February 14, 2022	1:00 p.m. - 3:00 p.m.	WebEx
Monday, March 14, 2022	2:30 p.m. - 4:30 p.m.	WebEx
Thursday, April 21, 2022	1:00 p.m. - 3:00 p.m.	WebEx

Monday, May 16, 2022	2:30 p.m. - 4:30 p.m.	WebEx
Tuesday, June 14, 2022	2:30 p.m. - 4:30 p.m.	WebEx

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.

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. PJM may create audio, video or online recordings of stakeholder meetings for internal and training purposes, and your participation at such meetings indicates your consent to the same.

Participant Identification in WebEx:
When logging into the WebEx desktop client, please enter your real first and last name as well as a valid email address. Be sure to select the "call me" option. PJM support staff continuously monitors WebEx connections during stakeholder meetings. Anonymous users or those using false usernames or emails will be dropped from the teleconference.

On the Phone, Dial ***6** to Mute/Unmute	**Linking Teleconference Connection to Webex** When logging in to the meeting, access Webex first and select the "call me" feature to receive a direct call to your phone. Using this feature will connect your name to your Webex presence.

Join a Meeting	1. Join meeting in the WebEx desktop client 2. Enter name (*First and Last**) and corporate email 3. Under "Select Audio Option" select "Call Me" option from the dropdown menu

Note: Anonymous users or those using false usernames or emails will be dropped from the teleconference.

Provide feedback on the progress of this group: *Facilitator Feedback Form*
Visit *learn.pjm.com*, an easy-to-understand resource about the power industry and PJM's role.