

Tech Change Forum PJM Conference and Training Center May 16 2:30 p.m. – 4:30 p.m. EPT

Administration (2:30-2:35)

- 1. Welcome & Ground Rules
 - A. Webex Name Display Instructions

Important Implementation Dates Review (2:35-2:40)

- 2. Important upcoming implementation dates will be reviewed
 - A. Foluso Afelumo, PJM, highlighted important upcoming 2022 Q2 implementation dates

Initiative Roadmap Updates (2:40-2:50)

- 3. Initiatives
 - A. Zeenath Fernandes, PJM, reviewed the Retiring Use of Weak Encryption <u>implementation</u>. Fernandes communicated the planned June 6, June 27, and September 26 implementations for several tools. Fernandes reminded participants that future implementations are planned for the remaining tools. Fernandes explained that PJM planned to have all implementations completed by the end of 2022.
 - B. Bhavana Gagrani, PJM, reviewed the TO Planner <u>roadmap</u>. Gagrani communicated that PJM plans to release TO Planner in the Train environment on May 24 with a Q3 2022 release planned in the Production environment. Gagrani noted that both releases would affect all users who plan to submit non-competitive baseline projects. Gagrani also reviewed TO Planner's features and benefits.

Product Roadmap Updates (2:50-3:50)

- 4. Roadmaps for individual products will be presented
 - A. Bhavana Gagrani, PJM, reviewed the Account Manager, Bulletin Board, Data Viewer, Messages, Resource Tracker, Voting, and Tools Home <u>roadmaps</u>. Gagrani reviewed the upcoming June 8 Train and June 16 Production enhancements to the Voting Application for active voters and roster management.
 - B. Chidi Ofoegbu, PJM, provided an update to the eDART <u>roadmap</u>. Ofoegbu reviewed the June 1 Train and June 22 Production eDART releases and the September 26 retirement of TLS 1.0 and TLS 1.1 protocols. Ofoegbu communicated that eDART browserless was retired in Train on November 3, 2021 and PJM plans to do the same in the Production environment.
 - C. Gerry McNamee, PJM, reviewed the DR Hub, Power Meter, InSchedule and Billing Line Item Transfer <u>roadmaps</u>. McNamee reviewed the upcoming Single User Multi-Accounts (SUMA) releases for DR Hub in Train on May 24 and in Production on June 2. McNamee also communicated that the SUMA release in both Train and Production for MSRS, Power Meter and InSchedule would occur on May 25.
 - D. Sunil Rachakonda, PJM, reviewed the Tools Security <u>roadmap</u> and communicated that PJM will implement Two Factor Authentication for browserless interactions with InSchedule, Power Meter, FTR Center and Capacity Exchange in production in June. Rachakonda stated that the Capacity Exchange and FTR implementations would not be completed during the auction periods.
 - E. Tawnya Luna, PJM, reviewed the PJM.com <u>roadmap</u>. Luna provided an update on the pjm.com slowness issue and explained that PJM is still working on a resolution and once addressed would send a communication to stakeholders. Luna explained that the SSO and Header Updates implementation was on hold and that the Secure Area Expiration



implementation would conclude the end of Q2 2022. Luna reminded participants that a redesign of Data Viewer is coming and that Data Snapshot would be retired in Q4 2022 as a result.

- F. Tawnya Luna, PJM, reviewed the FTP Availability in Chrome <u>roadmap</u>. Luna explained that PJM Connect will be used for the File Transfer Protocol (FTP) functionality and requested that stakeholders update any automated processes that pull data via ftp. Luna communicated that one functionality change with using PJM Connect is that will be stakeholders to authenticate with PJM Connect using Account Manager accounts.
- G. Keith Rainer, PJM, reviewed the Networks <u>roadmap</u>. Rainer communicated that there will be Network changes on May 23 and May 26 to implement firewall upgrades and routine maintenance respectively.
- H. Kim Warshel, PJM, reviewed the Markets Gateway <u>roadmap</u>. Warshel explained that the October 1 Reserves Price Formation is still pending FERC approval and that the May 13 Reserves Price Formation Markets Gateway education session would be <u>posted</u> when available. Warshel also communicated that the Reserves Train environment would be available on June 1.
- Swapna Kanury, PJM, reviewed the Data Miner <u>roadmap</u>. Kanury reviewed the monthly release for May 31 explaining that it would not impact external stakeholders and that release notes for the June 30 release will be published. Kanury reviewed the April data lag posting issue and its resolution explaining that PJM posted updated data where possible.
- J. Kevin Hilyard, PJM, reviewed the Secure Share <u>roadmap</u>. Hilyard communicated that a new Secure Share Train environment would be available on June 23 and the Production environment will be upgraded in July. Hilyard explained that users will need to create new accounts for the Train environment via Account Manager.

General Updates (3:50-3:55)

5. General updates will be presented

A. Foluso Afelumo, PJM, <u>reviewed</u> the General Updates and recent Production issues since the April meeting. Afelumo discussed the April 25 Data Miner issue explaining that it was caused by a Networks change and that PJM resolved the issue and posted the missing data. Afelumo requested stakeholders to stop accessing tools using Internet Explorer since Microsoft will end supporting Internet Explorer 11 on June 15.

Product Design Review & Feature Demonstrations (3:55-3:55)

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

A. None

Product Roadmap Informational Detail Only (3:55-3:55)

- 7. Roadmaps for individual products not presented
 - A. Communities roadmap [Monica Burkett]
 - B. Planning Center (Gen Model, Queue Point, Competitive Planner and TO Planner) and eGADS roadmaps [lan Mundell]

C. No Planned Product Updates roadmap [Foluso Afelumo]

General Feedback and Future Forum Topics (3:55)

Future Meeting Dates

	4.00	···· -
Monday, July 11, 2022	1:00 p.m 3:00 p.m.	WebEx
Tuesday, August 16, 2022	1:00 p.m 3:00 p.m.	WebEx



Wednesday, September 14, 2022	1:00 p.m 3:00 p.m.	WebEx
Tuesday, October 18, 2022	2:30 p.m 4:30 p.m.	WebEx
Tuesday, November 22, 2022	1:00 p.m 3:00 p.m.	WebEx
Tuesday, December 13, 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 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 Ph to Mute/	6	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 (<i>First and Last*</i>) 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: <u>*Facilitator Feedback Form*</u> Visit <u>*learn.pjm.com*</u>, an easy-to-understand resource about the power industry and PJM's role.