

Tech Change Forum
PJM Conference and Training Center
December 15, 2020
1:00 p.m. – 3:00 p.m. EPT

Administration (1:00-1:05)

1. Welcome & Ground Rules

Foluso Afelumo, PJM, [reviewed](#) the WebEx name display instructions and communicated PJM's requirement that participants must list their first and last names while attending a meeting. Foluso explained that this was necessary to ensure that other meeting attendees can identify everyone on the Webex.

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

2. Important upcoming dates will be reviewed

A. Foluso Afelumo, PJM, [highlighted](#) important upcoming 2020 Q4 and 2021 Q1 dates.

Initiative Roadmap Updates (1:10-1:20)

3. Initiatives

Emmy Messina, PJM, provided [updates](#) on the FTR Auction Bid Limit Enforcement by Corporate Entity that will impact the February, 10 2021 FTR Auction. Emmy communicated that the FTR Auction bid limit change would take place to limit bids by corporate entities instead of participant names and that PJM would seek Manual 6 change endorsements at the January 2021 MRC. Emmy also explained that a new tab will be added to FTR Center where bid limits can be viewed. These changes are targeted for the first week of February 2021 for train and February 10, 2021 for production environment implementation.

Product Roadmap Updates (1:20-2:30)

4. Roadmaps for individual products will be presented

- A. Gerry McNamee, PJM, reviewed the [roadmaps](#) for the DR Hub, Power Meter, InSchedule, Billing Line Item Transfer, eSuite Home Page applications. Gerry communicated the December DR Hub changes and the January 6, 2021 Power Meter framework upgrades. Gerry asked stakeholders to upgrade their Command Line Interface (CLI) to v1.5.0 or make sure their http port 80 is open for sso.pjm.com by the January 14 Power Meter and BLIT SSO agent upgrade outage and also for the January 7, 2021 DR Hub SSO agent upgrade outage. Gerry stated that in preparation for the retirement of eSuite, traffic would be re-directed from eSuite to Tools Home on January 7, 2021.
- B. Carla Thew, PJM, reviewed the MSRS [roadmap](#) and communicated that PJM would offer parallel access to both the refreshed and current MSRS tools for 90 days. Carla encouraged users to test the new user interface (UI) that was recently released into train since its target release to production is planned for February 2021.
- C. Amanda Egan, PJM, reviewed the [roadmaps](#) for the Account Manager, Bulletin Board, Data Viewer, eDataFeed, Messages, Resource Tracker, Tools Home and Voting applications. Amanda communicated there would be an Account Manager enhancement on December 21 for Single User Multi-Account (SUMA) and User Migration and another enhancement sometime in January 2021.
- D. Kim Warshel, PJM, reviewed the Markets Gateway [roadmap](#) and communicated that the Fast Start was not approved by FERC in time for the originally planned December 1 go-live date but that it is on the FERC agenda.

- later this week. Kim provided January 15, 2021 as the target effective date for providing market participants with the ability to submit Hourly Differentiated Segmented Ramp Rates for resources in both the DA and RT Markets.
- E. Monica Burkett, PJM, reviewed the Communities [roadmap](#) and communicated that the planned demonstration for the refreshed Member Community would now occur during the January 2021 Tech Change Forum meeting. Monica shared that moving the Declaration of Authority (DOA) from the Member Community to the Membership Management Community would now occur late January 2021 or early February 2021. The refresh incorporates stakeholder feedback.
 - F. Tawnya Luna, PJM, reviewed the PJM.com [roadmap](#). Tawnya explained that the PJM development team was working on a current log-in technical issue and that a follow up communication would be sent to stakeholders with an update. Tawnya requested stakeholders to sign back into [pjm.com](#) if they did not see their name next to the “Hi” on top left corner of the home page. Tawnya communicated that if anyone receives a notice that their Secure Area access is expiring, they should click on the renew button on the secure page and that these notifications would continue into Q1, 2021. Tawnya also reviewed the following updates
 - a. The single sign on enhancements are postponed until Q1, 2021
 - b. PJM will retire the pricing node zip code mapping and state listing files on December 30
 - c. The Upcoming Changes page would be relocated to the PJM tools page on December 31.
 - G. Maria Baptiste, PJM, reviewed the eDART [roadmap](#). Maria communicated that the eDART release scheduled for December 16 was moved to January 13, 2021. Maria reviewed the upcoming January 13 eDART maintenance and the ongoing eDART refresh efforts, the account migrations from eDART into Account Manager and the rollout of the refreshed browserless functionality which is planned for a Q4 2021 go live and includes
 - a. Integration with the PJM command line interface (CLI),
 - b. New functionality
 - c. The retirement of the filetransfer jar files.
 - H. Swapna Kanury, PJM, reviewed the Data Miner [roadmap](#). Swapna communicated that there would be Data Miner release on December 17 and that stakeholders should review the posted release notes when they become available. Swapna explained that PJM the issue where the instantaneous load values for areas was not matching between eDataFeed and Data Miner was resolved. Swapna reviewed three new feeds that would be added in the 20.12 release as part of PJM's transparency initiative. They include IT SCED Load Bias, RT SCED Load Bias and LPC Load Bias.
 - I. Sandy Honore, PJM, reviewed the Networks [roadmap](#). Sandy explained that last month there was a change completed on December 9 that was not communicated during the November Tech Change Forum. Sandy reviewed a planned networks implementation on December 29 with no expected impact to stakeholders.
 - J. Sunil Rachakonda, PJM, provided the Tools Security [update](#). Sunil explained that PJM's planned December implementation of Public Key Infrastructure (PKI) authentication in the train environment for ExSchedule and OASIS was rolled back but the production implementation for these applications would still occur on February, 23 2021. Sunil explained that stakeholders should obtain a certificate from an authorized vendor and that users would need to use Account Manager to associate valid PKI certificates with user accounts. Sunil explained that PJM intends to leverage the PKI solution to secure the browserless application program interface (API) for all PJM tools in the future and suggested that stakeholders continue to review the FAQs since PJM will continue to update them. Sunil reviewed single sign on agent update implementation plans for Markets Gateway, Capacity Exchange and FTR Center in train on December 22 and in production on January 5, 2021. Sunil also covered a subsequent single sign on backend update on January 14 in production. Sunil communicated that on January 26, 2021 the browserless/API 2 factor authentication would occur in train affecting Markets Gateway, InSchedule, Power Meter, FTR Center,

Capacity Exchange and DR Hub users. Sunil suggested stakeholders review the Appendix that was added to the presentation [materials](#) from the December Tech Change Forum meeting.

- K. Ian Mundell, PJM, reviewed the [roadmaps](#) for the Planning Center: Gen Model, Queue Point and Competitive Planner applications. Ian reviewed the planned December 29 enhancement to Gen Model that would change the Maximum Facility Output (MFO) information at the generator level, updates made to the General Information and Non-MFO forms and a new MFO Information form would be available.
- L. Heather Bird, PJM, reviewed the PJM Connect Upgrade [roadmap](#). Heather communicated that there were no issues with the December 14 cumulative updates that enhanced overall security and reliability.
- M. Chidi Ofoegbu, PJM, reviewed the Emergency Procedures [roadmap](#). Chidi communicated that PJM would have an enhancement in the train environment on December 22 and in the production environment on January 20, 2021 that would cause an outage for User Interface (UI) users. Chidi summarized the Emergency Procedures user profile, zone/hierarchy, and PAI enhancements and stated that PJM was removing the unused government agency functionality.
- N. Foluso Afelumo, PJM, [reviewed](#) the tools and applications that had no changes in the coming month.

General Updates (2:30-2:50)

5. General updates will be presented

A. Zeenath Fernandes, PJM, [reviewed](#) PJM's Elimination of Weak Encryption initiative and stated that company specific reports detailing the use of weak encryption cyphers would be made available to CAMs by December 31. Zeenath communicated that PJM has started reaching out to those affected and understands that this process will take time and in order for PJM to assist in troubleshooting, PJM is asking CAMS to share details with their IT support staff.

B. Foluso Afelumo, PJM, provided general [updates](#) and communicating that in January 2021 PJM will provide a demonstration for Member Community and was also requesting any future demonstration ideas. Foluso stated there were two production issues since the November meeting. The first was a Markets Gateway issue on December 4 where requests began taking longer than expected and the second issue occurred of December 9 where incorrect contingency and constraint price data was posted between December 9 and December 10 affecting eDataFeed and Data Miner.

Product Design Review & Feature Demonstrations

6. Demonstrations

A. Chidi Ofoegbu, PJM, provided a [demonstration](#) of the Emergency Procedures January 2021 enhancements

General Feedback and Future Forum Topics (2:55)

Future Meeting Dates

January 20, 2021	1:00 p.m. - 3:00 p.m.	WebEx
February 19, 2021	1:00 p.m. - 3:00 p.m.	WebEx
March 15, 2021	1:00 p.m. - 3:00 p.m.	WebEx
April 9, 2021	1:00 p.m. - 3:00 p.m.	WebEx
May 18, 2021	1:00 p.m. - 3:00 p.m.	WebEx
June 11, 2021	1:00 p.m. - 3:00 p.m.	WebEx



Agenda

July 21, 2021	1:00 p.m. - 3:00 p.m.	WebEx
August 19, 2021	1:00 p.m. - 3:00 p.m.	WebEx
September 21, 2021	1:00 p.m. - 3:00 p.m.	WebEx
October 13, 2021	1:00 p.m. - 3:00 p.m.	WebEx
November 10, 2021	1:00 p.m. - 3:00 p.m.	WebEx
December 16, 2021	1:00 p.m. - 3:00 p.m.	WebEx

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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



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.*

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