

**Tech Change Forum**  
**PJM Conference and Training Center**  
**October 20, 2020**  
**1:00 p.m. – 3:00 p.m. EPT**

## Administration (1:00-1:05)

1. Welcome & Ground Rules

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

2. Important upcoming dates will be reviewed
  - A. Foluso Afelumo, PJM, [highlighted](#) important upcoming 2020 Q4 dates. This review included upcoming implementations for October, November and December as well as scheduled Special Tech Change Forum Sessions on Account Manager and the eDART forums.

## Initiative Roadmap Updates

3. Initiatives
  - A. None

## Product Roadmap Updates (1:10-2:20)

4. Roadmaps for individual products will be presented
  - A. Gerry McNamee, PJM, reviewed the [roadmap](#) for the DR Hub, Power Meter, InSchedule, Billing Line Item Transfer, eSuite Home Page applications. Gerry communicated that the DR Hub MOPR changes effective for the 2021/2022 delivery year would be implemented on October 20 in train and on October 29 in production. Gerry also reviewed the production changes to InSchedule on November 4 and to Power Meter on November 18. Gerry reminded stakeholders that [esuite.pjm.com](http://esuite.pjm.com) and [esuitetrain.pjm.com](http://esuitetrain.pjm.com) will be retired in December 2020. Gerry explained that prior to the esuite application retirement in December, the links for MSRS and eCredit will be added to Tools Home and the eDART and eGADS links would be available on PJM.com
  - B. Carla Thew, PJM, reviewed the MSRS [roadmap](#) and explained that there would be a demonstration today of the User Interface (UI) changes that were going in train on October 29. Carla requested that stakeholders review the new functionalities and multi-factor authentication and afterwards to contact [mss@pjm.com](mailto:mss@pjm.com) with questions.
  - C. Bhavana Gagrani, PJM, reviewed the Account Manager, Bulletin Board, Data Viewer, eDataFeed, Messages, Resource Tracker, Tools Home and Voting Roadmaps [roadmap](#). Bhavana reviewed several releases in train and production comprising of framework upgrades and vulnerability remediation for Bulletin Board, Messages, Tools Home Page, Resource Tracker, Voting, Account Manager, Data Viewer, and eDataFeed. Bhavana also discussed three upcoming Account Manager training sessions available for CAMs.
  - D. Kim Warshel, PJM, reviewed the Markets Gateway [roadmap](#). Kim communicated that the Fast Start offer verification enhancements had a target date of December 1 pending the approval of FERC Order. Kim communicated that a Fast Start Refresher education session was provided on October 19 and the recorded session is available on the Markets Gateway tools [page](#). Kim also reminded stakeholders that the ability for market participants to submit Hourly Differentiated Segmented Ramp Rates for resources in both the DA and RT markets is targeted for train on December 3 and in production on January 5, 2021.
  - E. Monica Burkett, PJM, reviewed the Communities [roadmap](#) and communicated that the planned demonstration for the refreshed Member Community would now occur in November. Monica communicated that based on member feedback, the upcoming Member Community refresh would include changes to the content layout, enhancements

so that the various Communities pages look different, and would also include updates to their navigation items. Monica explained that PJM was still accepting feedback on additional enhancements to the Member Community. Monica explained that based on a new FERC approved requirement for new member applications, PJM is automating the membership application and today's demonstration would cover those changes to the Membership Management Community.

- F. Tawnya Luna, PJM, reviewed the PJM.com [roadmap](#). Tawnya explained that if anyone receives a notice that their Secure Area access is expiring, they should click on the renew button on the secure page. Tawnya explained that single sign on changes enhancements are planned for the end of the year and would include a requirement to sign in every 24 hours. Tawnya also reviewed the November 30 updates to use new Planning XML files. Tawnya communicated that PJM will retire the pricing node zip code mapping and pricing node by state files on December 30 and requested stakeholders to save any information they needed prior to its retirement..
- G. Vy Le, PJM, reviewed the eDART [roadmap](#). Vy communicated that PJM was rescheduling the November eDART release to December 16 in order to provide additional enhancements and reminded everyone of the upcoming December 8 eDART XML Forum and eDART Forum meetings where eDART refresh efforts would be discussed.
- H. Swapna Kanury, PJM, reviewed the Data Miner [roadmap](#). Swapna communicated that the October 16 release, 20.10, was rescheduled to October 28. Swapna explained that the transmission limit feed was not updating and PJM has a resolution in development. Swapna reminded stakeholders that reports of Data Miner issues can be emailed to [DataMiner2Support@pjm.com](mailto:DataMiner2Support@pjm.com).
- I. Sandy Honore, PJM reviewed the Networks [roadmap](#). Sandy communicated that PJM had Networks infrastructure maintenance implementations planned for October 22 and October 29.
- J. Sunil Rachakonda, PJM, reviewed the Tools Security [roadmap](#). Sunil explained that due to stakeholder feedback, PJM's initiative to implement Public Key Infrastructure (PKI) authentication in train would now occur in December 2020 and the production implementation would occur in February 2021. These date changes allow PJM to be responsive to stakeholder feedback while still complying with the FERC order issued on February 4 2020. 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 communicated that PJM has added a [Java sample](#), a [.Net code sample](#), a downloadable PJM-CLI [link](#) and a PKI authentication guide [link](#) to assist stakeholders with PKI implementation.
- K. Ian Mundell, PJM, reviewed the Planning Center: Gen Model, Queue Point and Competitive Planner [roadmap](#). Ian communicated that an update to Gen Model would be done in train and production on December 1 which includes changes to the current method to gather Maximum Facility Output (MFO) information at the generation level, and update the following forms: Generation Information, Non-MFO, and New MFO information. Ian explained that PJM's timeline was based on feedback received from external stakeholders.
- L. Heather Bird, PJM, reviewed the PJM Connect Upgrade [roadmap](#). Heather explained that on November 19, PJM would implement a PJM Connect update that would enhance overall security and reliability.
- M. Carl Smith, Monitoring Analytics, [reviewed](#) the 2020 Q3 changes to the Member Information Reporting Applications (MIRA).
- N. Madeline Beach, PJM reviewed the Emergency Procedures [roadmap](#). Madeline communicated that there would be framework upgrades in train on October 6 and in production on October 21 and explained that this implementation includes the session timeout countdown feature and changes to the dashboard colors to align with other refreshed tools.

- O. Foluso Afelumo, PJM, reviewed the tools and applications that had [no changes](#) in the coming month.

## General Updates (2:20-2:33)

### 5. General updates will be presented

A. Colin Brisson, PJM, [reviewed](#) PJM's Elimination of Weak Encryption initiative. Colin communicated that PJM will supply a list of IP addresses and users ids to CAMs of the companies that are currently using weak encryption ciphers/protocols and requested that each CAM contact their IT support staff to update the encryption on the source devices to use an acceptable level of encryption by April 15, 2021 for browser and September 30, 2021 for browserless systems. Colin stated PJM has identified approximately 6% of stakeholders with weak encryptions and that those member companies should work with PJM and create a plan to update their encryption schemes by December 15. Colin stated that non-compliant users will have their access to PJM internet facing tools revoked.

B. Jack Thomas, PJM reviewed the Posted Contingency File [updates](#) and explained that on December 1, PJM would remove extraneous information posted to the Contingency List XML file.

C. Foluso Afelumo, PJM, provided general [updates](#) and communicated that PJM will continue to provide additional demonstrations through 2020 and welcomed any stakeholder feedback on today's Membership Management Community Market Participant Form and MSRS demonstrations.

## Product Design Review & Feature Demonstrations (2:35-2:55)

### 6. Demonstrations

A. Monica Burkett, PJM, provided a [demonstration](#) on the Membership Management Community - Market Participant Form. Monica explained that this is a new online form that will replace PJM's current DocuSign form in the near future. Monica explained that this effort is because of a new FERC requirement for new member applications.

B. Nick Disciullo, PJM, provided a [demonstration](#) on the MSRS User Interface (UI) refreshed tool. Nick explained that PJM would send a communication when the refreshed tool was available in train.

## General Feedback and Future Forum Topics (2:55)

### Future Meeting Dates

November 17, 2020	1:00 p.m. - 3:00 p.m.	WebEx
December 15, 2020	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
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