

Tech Change Forum
PJM Conference and Training Center
March 18, 2020
1:00 – 3:00 p.m. EPT

Administration (1:00-1:05)

1. Welcome & Ground Rules

Dana Hiser, PJM, provided an update on steps PJM is taken in its Change Management processes as part of PJM's response to the coronavirus. Ms. Hiser explained that because of this, several IT related changes have been and may continue to be rescheduled. She stated that most PJM employees are telecommuting and that internal discussions are active and still in progress with PJM management to ensure PJM develops a change management process that will maintain a secure and stable production environment for PJM and its stakeholders. Ms. Hiser requested that any questions or concerns regarding any IT changes should be sent to TechChangeForum@pjm.com

Follow-up Previous Meeting Review (1:05-1:10)

2. Discuss follow-up items from last meeting.

A. Foluso Afelumo, PJM, highlighted important upcoming [2020 Q1 & Q2 dates](#).

Initiative Roadmap Updates (1:10-1:25)

3. Roadmaps for PJM initiatives through 2020 will be presented

A. Ilyana Dropkin, PJM, reviewed the new [Competitive Planning](#) tool that will be tentatively available in the train environment on April 15 and in the production environment on June 1. She explained that this new tool will replace the current process where proposals are submitted using an excel proposal template and then entered into [Secure Share](#) to transfer files to PJM. The new process, an implementation for FERC Order 1000, would utilize a web based application. Ms. Dropkin requested anyone interested in testing the Competitive Planning tool in the train environment and/or providing feedback to contact her directly at ilyana.dropkin@pjm.com.

B. Chad Hutchinson, PJM, reviewed the new [State Net Import/Export Map](#) that will be accessible on the Markets & Operations page of PJM.com on April 1. The State Net Import/Export Map is a new map that will provide insight into energy imports and exports at the state level. Mr. Hutchinson stated that PJM will seek feedback from various state entities and stakeholders during 2020 Q2 and will look to finalize the map during 2020 Q3. He explained that the data in the map would utilize a Data Miner 2 feed for Market Settlements and Markets and Operations Database (MOD).

Product Roadmap Updates (1:25-2:30)

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 explained that the DR Hub release for the testing and compliance for Price Responsive Demand (PRD) was rescheduled for earlier on March 12 than planned. He also explained that there would be two releases in 2020 Q2. Mr. McNamee encouraged stakeholders to utilize the DR Hub train environment where testing will be available for changes to events for PRD on May 7 with a production implementation planned for May 21. He mentioned that additional information on new changes were available at the [Demand Response Subcommittee \(DRS\)](#). He asked stakeholders to update any current bookmarks and links for the Tools Home Page to <https://tools.pjm.com>.

- B. Carla Thew, PJM, reviewed the MSRS [roadmap](#). She explained that PJM was enhancing the MSRS User Interface (UI) so that its look and feel is consistent with the rest of PJM's refreshed tools and that the refreshed tool was currently in development. She explained that there would be follow up communication on when MSRS would be part of the PJM two factor authentication implementation for the browserless API.
- C. Kim Warshel, PJM, reviewed the Markets Gateway [roadmap](#). She explained that the Markets Gateway Specification Guide updates for the Offer Verification Exception enhancement was delayed from March 2 to March 16 and that the Offer Verification Exception enhancement train environment implementation was going to be delayed from the original March 15 date. PJM will send a communication for the new implementation date once it has been determined. She explained that the April 15 production implementation date will remain the same. The Offer Verification Enhancement was implemented to comply with FERC Order 831.
- D. Tawnya Luna, PJM, reviewed the [roadmap](#) for PJM.com and communicated that since the February Tech Change Forum, the RTEP Upgrades & Status Section retirement date changed to April 30. She explained that the retirement message was added to Operational Data and Dispatch Rates pages, the secure area expiration completion date was postponed to March 31 and that the implementation plan to add three dates to the XLS and XML files for the Project Status & Cost Allocation page updates was changed from February 27 to March 26. Ms. Luna also explained that if anyone receives a notice that their Secure Area access was expiring, they should click on the Renew button on the secure area page. She communicated that by April 30, any users who have bookmarked pages in the RTEP Upgrades & Status section or who pull data via XML from those pages should update any systems that utilize the existing XML file. She explained that any users who scrape the Operational Data and Dispatch Rates pages should update their systems to pull this data from Data Miner 2 by July 21. Ms. Luna communicated that the phase 2 of the home page redesign that incorporates Single Sign On (SSO) may be rescheduled to 2020 3Q and that PJM is seeking feedback at TechChangeForum@pjm.com on any changes discussed.
- E. Vy Le, PJM, reviewed the eDART [roadmap](#) and provided information on the completed releases. Ms. Le reminded stakeholders that PJM continues to seek feedback for the new browserless functionality planned for train implementation in Q2 2020 and that stakeholders who are interested in utilizing the Company Distributed Workflow (CDW) should email the TechChangeForum@pjm.com. She explained that there would be one combined meeting on March 23 for eDART XML and eDART Forum and that if the meeting date changes, a communication would be sent. She explained that the March 23 meeting would provide an update on how PJM will manage eDART help requests.
- F. Swapna Kanury, PJM, reviewed the Data Miner 2 [roadmap](#) and explained that since the February Tech Change Forum, she has updated the impact slide to show that eDataFeed users may be affected by the March 25 implementation of the Integration of the ACE, Dispatched Reserves, Operational Reserves, and Regulation Prices feeds. She also explained that users had until June 2021 to get familiar with eDataFeed data streams that are being moved to Data Miner 2. Ms. Kanury communicated that there will be Data Miner 2 releases on March 25 and April 29 and that a guide with the mapping of the data available in eDatafeed and Data Viewer will be made available at the April 16 Tech Change Forum.
- G. Heather Bird, PJM, provided a Connect.pjm.com Upgrade [roadmap](#) update explaining that the planned integration of Connect.pjm.com with PJM's Single Sign-On (SSO) was rescheduled from the original date of April 27 to April 26. She reminded stakeholders of the Connect.pjm.com education [recording](#) available for review.
- H. Sandy Honore, PJM, reviewed the Networks [roadmap](#) and explained that both the March 19 and March 27 network maintenance changes are being postponed to a future date that will be communicated. She explained that the April 7 maintenance should not impact stakeholders.
- I. Sunil Rachakonda, PJM, reviewed the Tools Security [roadmap](#) and explained that the April 21 change of the Single Sign On (SSO) login URL will affect all users of SSO tools. These include all of the [PJM tools](#) with the exception of eGADS and eDART. He reviewed the Q3 2020 impacts to ExSchedule, OASIS, and Account Manager. Mr. Rachakonda explained the PJM initiative to implement public key infrastructure (PKI) authentication on ExSchedule

and OASIS to comply with the FERC order issued on February 4. Mr. Rachakonda explained that users would need to use Account Manager to associate valid PKI certificates with user accounts. He explained that PJM intends to make PKI available to secure the browserless application program interface (API) for all PJM tools in the future. Mr. Rachakonda suggested that stakeholders review the [FAQs](#) that PJM has posted about PKI Certificates and Two-Step Verification for Browserless/API and added that PJM will continue to update the FAQs based on questions received.

- J. Amanda Egan, PJM, reviewed the Account Manager, Bulletin Board, Data Viewer, eDataFeed, Messages, and Voting [roadmap](#) and discussed the March 25 production implementation which would require Account Manager users to re-authenticate their access. Ms. Egan reviewed the Company Distributed Workflow (CDW) changes to Account Manager which will allow an agent, acting on behalf of a member, to make eDART requests.
- K. Ian Mundell, PJM, reviewed the eGADS [roadmap](#) and communicated that the April 28 release would affect stakeholders who utilize the User Interface (UI) to access eGADS and that all eGADS tool users may need to refresh their browser session.
- L. Foluso Afelumo, PJM, reviewed the tools and applications that had [no changes](#) from the last month.

General Updates (2:30-2:50)

5. General updates will be presented

- A. Roger Cao, PJM, reviewed the 2020 Variable Operations of Maintenance (VOM) [changes](#) that will be implemented on June 15. An information session for any Market Seller that plans to submit a VOM is scheduled for April 21 and registration is required.
- B. Foluso Afelumo, PJM, provided general [updates](#) and reviewed PJM's February 27 System Map, March 4, 10 and 13 Data Miner 2 and the March 12 RT LMP Posting production issues.

Product Design Review & Feature Demonstrations (2:50-2:55)

Chad Hutchinson provided a [demonstration](#) of the [State Net Import/Export map](#)

General Feedback and Future Forum Topics (2:55)

Foluso Afelumo, PJM, requested feedback on the addition of times that were added to the impact slides. Additional feedback can be sent to TechChangeForum@pjm.com

Future Meeting Dates

April 16, 2020	1:00 p.m. - 3:00 p.m.	WebEx
May 20, 2020	1:00 p.m. - 3:00 p.m.	WebEx
June 16, 2020	1:00 p.m. - 3:00 p.m.	WebEx
July 15, 2020	1:00 p.m. - 3:00 p.m.	WebEx
August 18, 2020	1:00 p.m. - 3:00 p.m.	WebEx
September 15, 2020	1:00 p.m. - 3:00 p.m.	WebEx



Agenda

October 20, 2020	1:00 p.m. - 3:00 p.m.	WebEx
November 17, 2020	1:00 p.m. - 3:00 p.m.	WebEx
December 15, 2020	1:00 p.m. - 3:00 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.

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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.