

Tech Change Forum
PJM Conference and Training Center
July 15, 2020
1:00 – 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. Folsuo Afelumo, PJM, highlighted important upcoming [dates](#) for implementations and training/information sessions between July and September.

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

3. Roadmaps for PJM initiatives through 2020 will be presented
 - A. None

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

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 and eSuite Home Page. Gerry reviewed the DR Hub train release on July 23 and production release on July 30. Gerry explained that PJM would post the release notes later. In addition, Gerry communicated the Billing Line Item Transfer (BLIT) July 23 train and July 29 production releases which would result in a new BLIT screen.
 - B. Bhavana Gagrani, PJM, reviewed the [roadmap](#) for Account Manager, Bulletin Board, Data Viewer, eDataFeed, Messages, Resource Tracker, Tools Home and Voting. Bhavana communicated that all Tools Home Page users should update their bookmarks or links on July 22. In addition, Bhavana communicated that Account Manager users should review the upcoming August 6 enhancements one of which is a feature where CAMs would receive a pop-up reminder to populate whitelists for accounts they manage that have no domains or emails addresses. Another new feature is the email validation for new user accounts.
 - C. Kim Warshel, PJM, reviewed the Markets Gateway [roadmap](#). Kim discussed the recently implemented change on June 16 to enable validation warning when units are set to dual fuel capable but have the dual fuel capable flag unchecked. Kim then discussed the pending changes for modelling generation to provide more flexibility for complex resources. This change has two phases. The first phase, planned to go into Train on August 28 and Production on September 8, involves increasing energy offer curve segments from 10 to 20. The second phase allows participants submit hourly differentiated segmented rates for resources. The schedule for this change is pending FERC approval. Kim explained that the Markets Gateway application was updated in train on July 14 to restrict changing a unit committed as must-run in the Day Ahead Market to Economic after the Day Ahead Market clears. Kim communicated that this change would go into production on July 28 and PJM contacted all generators that have been making this change.
 - D. Monica Burkett, PJM provided an update on the Communities [roadmap](#) and explained that PJM is making changes to the Member Community and is asking for any feedback from members on possible changes to be provided by July 31. Monica communicated that based on member feedback already received, the upcoming Member Community refresh would include changes to the content layout, enhancements so that the various Communities

look different, and updates to their navigation items. Monica explained that PJM would provide a demonstration at a future meeting.

- E. Tawnya Luna, PJM provided an update on the PJM.com [roadmap](#) and communicated that the RTEP Upgrades & Status Section retirement date was postponed to July 31 and that 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 by that date. Tawnya also mentioned that the implementation date for the new dispatch rates page has been postponed to July 22. 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 area page. Tawnya explained that any users who scrape the Operational Data and Dispatch Rates pages should update their systems to pull this data from Data Miner by July 31. Tawnya communicated that phase 2 of the home page redesign which incorporates Single Sign On (SSO) was rescheduled to third quarter 2020 and that PJM continues to seek feedback at TechChangeForum@pjm.com on any changes discussed or completed. Tawnya stated that the column widths for the Project Status & Cost Allocation page were now completed and that PJM will continue to send monthly communications for the Operational Data and Dispatch Rates pages retiring on July 31.
- F. Vy Le, PJM, provided an update on the eDART [roadmap](#). Vy reviewed the planned July 20 train and August 12 production eDART releases which would implement various enhancements including throttling to allow eDART users to complete downloads when new data is available or after throttle time, whichever is sooner. Vy explained this implementation was necessary due to end user scraping slowing down the system. Vy reviewed the eDART account requests and cleanup efforts PJM was making which include outreach to member CAMs to facilitate the migration of eDART accounts to Account Manager. The migration of eDART accounts into Account Manager is a mandatory PJM security requirement. Vy explained that additional meetings would be held, along with communications sent, to update stakeholders on PJM's eDART refresh efforts.
- G. Swapna Kanury, reviewed the Data Miner [roadmap](#). Swapna discussed the upcoming tentative July 30 Data Miner release and reminded stakeholders of the planned migration of the eDataFeed data streams into Data Miner in June 2021. Swapna reviewed the current support issues that PJM was working on. The first, related to the eDataFeed API, is in development and another support issue regarding the transmission limit feeds not updating when there is no binding constraint still being reviewed for a resolution.
- H. Heather Bird, PJM, reviewed the PJM Connect [roadmap](#) and explained that the PJM Connect Single Sign On (SSO) implementation was rescheduled for July 16. This implementation would allow for additional security and eliminate the current login issues some users/companies have reported. Heather reminded stakeholders of the [recorded education session](#) available for review.
- I. Sandy Honore, PJM, reviewed the Networks [roadmap](#) and explained that the July 16 network change would have no impact on participants.
- J. Sunil Rachakonda, PJM, reviewed the Tools Security [roadmap](#) and explained that due to changes based on stakeholder feedback, PJM's initiative to implement Public Key Infrastructure (PKI) authentication in train would now occur in September but is still planned for production in the fourth quarter of 2020 in order for ExSchedule and OASIS to comply with the FERC order issued on February 4. 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 make PKI available to secure the browserless application program interface (API) for all PJM tools in the future and suggested that stakeholders review the [FAQs](#) that PJM has posted about PKI Certificates and Two-Step Verification for Browserless/API.
- K. Carla Thew, PJM, reviewed the MSRS [roadmap](#). Carla explained that PJM was refreshing 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. Carla explained that the August 2020 MSRS implementation in train would include the PJM two factor authentication implementation for the browserless API and recommended that stakeholders begin to add token based authentication with Public Key Infrastructure (PKI), which replaces the current basic authentication.

- L. Andrew Woodall, PJM, reviewed the Planning Center Queue Point [roadmap](#) and explained that the August 25 Queue Point enhancement may require users to refresh their browser session. Andrew explained that this release contained a multi-user enhancement based on user feedback PJM received. The enhancement would provide admins the ability to authorize others to share a submission and assign roles in Queue Point.
- M. Foluso Afelumo, PJM, reviewed the tools and applications that had [no changes](#) in the coming month..

General Updates (2:30-2:40)

5. General updates will be presented

A. Foluso Afelumo, PJM, provided general [updates](#) and reviewed the planned demonstrations for July as well as the demonstrations planned for August. Foluso stated that the July demonstrations would both be posted at a later date. Foluso communicated that the August demonstrations would likely cover setting up transactions in Capacity Exchange, uploading options in Power Meter and a Gen Model MOD-32 overview. Foluso also reviewed an upcoming change to the location of the Tech Change Forum page on [pjm.com](#) on July 16. Foluso also reminded stakeholders of the July 31 deadline to confirm their Non-Retail Behind the Meter Generation (NRBTMG) unit data. Foluso reviewed the production eDataFeed issue on June 24 that was due to planned change but the impact was not communicated to stakeholders ahead of time.

Product Design Review & Feature Demonstrations (2:40-2:55)

6. Demonstrations

- A. Swapna Kanury, PJM, provided a Data Miner Data Retrieval [demonstration](#).
- B. Josh Bruno, PJM, provided a Capacity Exchange Auction Sell Offer [demonstration](#).
- C. Jason Bilash, PJM, provided a Competitive Planner [demonstration](#).

General Feedback and Future Forum Topics (2:55)

Future Meeting Dates

August 18, 2020	1:00 p.m. - 3:00 p.m.	WebEx
September 15, 2020	1:00 p.m. - 3:00 p.m.	WebEx
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

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Agenda

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