

Tech Change Forum
PJM Conference and Training Center
May 22, 2018
10:30 a.m. – 2:00 p.m. EPT

Facilitator: Jim Gluck
Secretary: Monica Burkett

Administration (10:30-10:32)

1. Jim Gluck, PJM, provided a brief overview of the Tech Change Forum as well as ground rules and the agenda. He stated that all updates to technical releases will be provided via the Technical Notifications subscription list. Mr. Gluck also reminded attendees of the Tech Change Forum Community.

Past Meeting Issue Review (10:32-10:35)

2. Jim Gluck, PJM, reviewed past releases and requested feedback. No feedback provided at this time.

Initiative Roadmap Updates (10:35-10:55)

3. Roadmaps for PJM initiatives through 2017 will be presented
 - A. Lauren Strella, PJM, reviewed the Performance Assessment Interval via ICCP Implementation [roadmap](#). She stated the implementation successfully completed on Monday, May 14. Ms. Strella reviewed the three analog message values that participants should expect to receive. She provided a brief background to the project and its efforts as well as specific triggers that would expect to see the new PAI via ICCP.
 - B. Colin Brisson, PJM, and Foluso Afelumo, PJM, reviewed the Enterprise Security [roadmap](#). Mr. Brisson discussed PJM's response to cyber threats by reviewing PJM's approach to Geo-IP blocking. He stated that PJM will communicate changes to PJM's access such as the Geo-IP blocking. Mr. Brisson reviewed approach of blocking IP from countries with light versus heavy traffic. He stated to date PJM has blocked some high risk countries and limited access to the internet SCADA.

Mr. Afelumo provided a background on the two-step verification. He stated that two-step verification will provide an extra layer of security to PJM's single sign on tools. Mr. Afelumo mentioned the extra token is currently being used on PJM's Account Manager tool. He provided a review of how the two-step verification would work for the individual user. Mr. Afelumo stated that five devices could be associated to this process; once the sixth device connects another is removed. He stated this plans to go live in Train on August 15 with a Production go live of October 10.

Rebecca Stadelmeyer, PJM, is seeking feedback from participants on what time of day on October 10 to provide the least amount of impact for users.
 - C. Jim Gluck, PJM, stated that Transparency of Uplift Payments will be a future initiative. At this time no details have been provided.

Product Roadmap Updates (10:55-11:45)

4. Roadmaps for individual products will be presented
 - A. Gerry McNamee, PJM, reviewed the [roadmap](#) for Member Voting, eDataFeed, Data Viewer, Account Manager, DR Hub, Power Meter and Data Miner. He stated that Data Miner 1 will be retired in early August. Mr. McNamee reviewed the Data Viewer and eDataFeed database upgrade with a 2-3 hour outage. He advised the group of a DR

Hub release going live on Thursday, May 24, with a 15 minute outage to the user interface and browserless. Mr. McNamee stated a release will be held at the end of the month for Power Meter for a 5-minutes settlement update.

- B. Kim Warshel, PJM, provided updates to the Markets Gateway [roadmap](#). She reviewed an upcoming release for "All" Query. Ms. Warshel reviewed the automated process for Offer Verification for mid to late July. She reviewed a new effort for Soak Time to be included on the Generator Schedules detail screen. She stated that since this is information only we do not want users to change min run time but only the soak time and further discussion will be at the OC. Ms. Warshel stated the team is targeting Q3 for the user interface and XML updates.

Ms. Warshel also reviewed the notification time and minrun update. She stated that Manual 11 changes were presented and approved at the May 2 MIC where the team is targeting Q3 for user interface and XML updates.

Susan Kenney, PJM, provided a capacity performance update. She highlighted that the 2018/2019 delivery year starts on June 1. Ms. Kenney called attention for need to check parameter limited schedule and ensure they match the new limits for June 1 where starting 6/1/18 base capacity and capacity performance will have USP limits where FRR will have PLS default. She mentioned that starting Friday, May 25, the June 1 market day will be editable. Ms. Kenney advised users to login and verify the parameters that users have match the limits in place for June 1 and a descriptive message will appear if in non-compliance.

- C. Susan Kenney, PJM, provided a brief update on the Capacity Exchange [roadmap](#). She stated education dates will be following the June and September Tech Change Forum meetings. *Update – the education date will be following the July and September Tech Change Forum meeting.
- D. Sushma Hegde, PJM, reviewed the PJM.com [roadmap](#). She highlighted the planning updates where the legacy deactivation pages will be retired on June 4 and project construction status and cost allocation pages will have a beta planned to go live in Q3.
- E. Ian Mundell, PJM, reviewed the Queue Point and Gen Model [roadmap](#). He stated there will be a release for Gen Model at the end of July where Gen Model will be merged into the Queue Point framework so users can easily transfer from one application to another.
- F. Vy Le, PJM, provided an update to the eDART [roadmap](#). She stated the next quarterly release has changed from June 20 to June 27. Ms. Le mentioned the user group meetings held on May 30th are to review release updates. She advised the group that the legacy RRC application will be retired this afternoon, May 22, and going forward there will just be one button called RRC. Ms. Le stated that based on RRC feedback, the acknowledge type has been updated.

She reviewed the eDART refresh stating the project team is still collecting web user interface feedback as well as browserless feedback. Ms. Le mentioned users should contact Chidi to be a pilot user for the refresh.

- G. Beth Schweser, PJM, reviewed the OASIS [roadmap](#) and stated the team is on track with the roadmap for refresh.
- H. Venkat Balachandran, PJM, provided an update for the Data Miner 2 [roadmap](#). He stated there will be a release at the end of May for additional functionality for market day and feedback from the Tech Change Forum regarding RSS. Mr. Balachandran stated in early June there will be a beta version of the Operational Data Page with the 5-minute unverified LMP and dispatch rates. He advised the groups that the files will be removed from PJM.com in early August. Mr. Balachandran stated the Operational Data page is planned to go live in August, 2018, with the current page to be retired around August, 2019. He also reviewed the top three support issues with the group.
- I. Kevin Bonner, PJM, reviewed the Single User, Multiple Account (SUMA) [roadmap](#). He provided a brief overview of the SUMA efforts and reviewed the applicable tools in scope. Mr. Bonner stated that Markets Gateway and FTR Center are to be in Train the week of May 28 with a Production release at the end of June.
- J. Foluso Afelumo, provided an update to the Tools Security [roadmap](#). He gave a brief background on the Single Sign On (SSO) URL change that will be required by end users. Mr. Afelumo reviewed key points of how the work is handled in phases and there will be no impacts to browser based usage with the exception of new URLs to utilize. He did state users can easily bookmark the PJM Tool link and that will take you to the appropriate login link.
- K. Michelle Souder, PJM, reviewed the Communities [roadmap](#). She reviewed the latest community that went live in April, Membership Management Community. Ms. Souder reviewed the latest trending topics and published knowledge

articles.

Lauren Strella, PJM, reviewed updates to the Planning Community. She stated the rtep@pjm.com email address will be retired effective September 1, 2018. Ms. Strella advised users to utilize the new topic, Confidential Inquiries, within the Planning Community and a private case will be created with the PJM Planning Support team. She also reviewed a new update to the Planning Community in regards to initiating a MOD-026/027 request. (slide 11) Currently accepting pilot users.

Suzanne Coyne, PJM, provided a brief update to the Contact Management effort. She stated that screenshots and user guides will be provided closer to implementation.

- L. Ian Mundell, provided an update to the eGADS [roadmap](#). He stated a Production release to be targeted for June 22 in regards to a database upgrade.
- M. Jim Gluck, displayed the PJM products with [no planned updates](#) for this month.

Lunch (11:45-12:30)

General Updates (12:30-12:45)

- 5. Jim Gluck, PJM, reviewed general [updates](#) and production issues relating to ExSchedule. He stated that fixes were implemented on Friday with some follow up today, May 22.

Rebecca Stadelmeyer, PJM, reminded the group of Bright Ideas where stakeholders can provide ideas, feedback or recommendations via the Tech Change Forum Community. A Bright Idea was submitted relating to the Generator LMP Charge Summary report within MSRS to allow for more than one day. The report has been updated to allow up to viewing seven days.

Mr. Gluck reviewed a proposed time change for an all afternoon meeting. The proposed time is for 1:00 – 3:00 p.m. He requested that stakeholders provide feedback regarding this proposal to techchangeforum@pjm.com.

- 6. Christopher Malinowski, PJM, provided the network [roadmap](#) update. He stated the certificate update will be moved to June.

Product Design Review & Feature Demonstrations (12:45-13:45)

7. Product Design Review & Feature Demonstrations

- A. Susan Kenney, PJM, provided a [Capacity Exchange First Look](#). She stated that Capacity Exchange will replace eRPM with a new look and feel as well as enhanced security procedures to align with PJM Tools Single Sign On features. Ms. Kenney reviewed the load & obligation screen with new tabs for an enhanced user experience. She also provided a view of the resource position section. Ms. Kenney shared some enhanced functionality such as improved filtering across the tool. She advised the group that several screens will be retired with Capacity Exchange such as ILR, CTR and Position Graph. Ms. Kenney stated the browserless access information is available on PJM.com as well as the Quick Start Guide available as of today, May 22, on the eRPM web page on PJM.com under Markets & Operations > PJM Tools.

Future Meeting Announcement (13:45-13:50)

- 8. Mr. Jim Gluck will highlight important upcoming dates.
 - Two-Step Verification

- June 13 – Q&A session to be held
- August 15 – available in Train
- October 10 – available in Production
- Capacity Exchange – Education Session on June 19 and September
- September 1 – RTEP@pjm.com retired; utilize Planning Community to submit questions

General Feedback and Future Forum Topics (13:50-14:00)

Future Meeting Dates

June 19, 2018	10:30 a.m.	PJM Conference & Training Center/ WebEx
June 19, 2018 – Capacity Exchange Education	2:15 p.m.	PJM Conference & Training Center/ WebEx
July 24, 2018	10:30 a.m.	PJM Conference & Training Center/ WebEx
August 21, 2018	10:30 a.m.	PJM Conference & Training Center/ WebEx

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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.

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Visit learn.pjm.com, an easy-to-understand resource about the power industry and PJM's role.