Tech Change Forum
PJM Conference and Training Center
October 13, 2021
1:00 p.m. – 3:00 p.m. EPT

Administration (1:00-1:05)

1. Welcome & Ground Rules

    A. Webex Name Display Instructions

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

2. Important upcoming implementation dates will be reviewed

    A. Foluso Afelumo, PJM, provided important upcoming 2021 Q4 implementation dates.

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

3. Initiatives

    A. Amanda Egan, PJM, provided an update on Password Resets. Egan reminded Company Account Managers (CAMs) of the September 30 requirement that users should have answered the password reset questions on their Account Manager user profiles and explained that users should now reset their passwords by contacting their CAM or utilizing the "Forgot Password" feature in Account Manager. Egan stated that PJM would assist with password reset inquiries after core business hours and as emergency situations arise.

    B. Jeff Tiemann, PJM, provided an update on the EMS SCADA/AGC Upgrade. Tiemann provided awareness about the upgrade and shared that final cutover validation would occur in late Q1 2022 or early Q2 2022. Tiemann stated that the required configuration changes for the Inter-Control Center Communications Protocol (ICCP) impacted 15 members that have been notified and that PJM expects these members to make the configuration changes by December 15 to ensure proper validation prior to final cutover to the new PJM Energy Management System (EMS) servers. Stakeholders were asked to send their ICCP questions to emsnet@pjm.com

Product Roadmap Updates (1:25-1:55)

4. Roadmaps for individual products will be presented

    A. Bhavana Gagrani, PJM provided an update on the Account Manager, Bulletin Board, Data Viewer, Messages, Resource Tracker, Tools Home and Voting roadmaps. Gagrani reviewed the Account Manager Train release on October 20 and a Production release on October 27 that would provide clarity to actions that needed to be taken and who to contact if additional support was needed.

    B. Maria Baptiste, PJM, provided an update on the eDART roadmap. Baptiste communicated that filetransfer.jar would be retired in Train on November 3 and Production on December 8 affecting all eDART browserless users and that the User Guide was available to review. Baptiste stated that with the ongoing eDART account migration effort, the management of eDART accounts would be migrated to Account Manager. Baptiste also shared that FAQs were available to review and that PJM will communicate the implementation date once known. Baptiste communicated that there are two future enhancements that would be made to Dynamic Line Ratings (DLR) and the TERM bulk upload functionality on December 15 and stakeholders needing assistance with uploading information should contact eDARThelp@pjm.com

    C. Swapna Kanury, PJM, provided an update on the Data Miner roadmap. Kanury communicated that there is a tentative release, 21.10 scheduled for October 21 and another release, 21.11, is scheduled for November 4. Kanury

explained that the October 21 release was tentative due to technical issues PJM is working through and that PJM will update stakeholders on any changes by sending a communication.

D. Sunil Rachakonda, PJM, provided an update on the Tools Security roadmap. Rachakonda communicated that there will be Single Sign On (SSO) maintenance on October 19 and reminded participants that the Browserless/API 2 Factor Authentication, while optional now, would be mandatory for Markets Gateway, InSchedule, Power Meter, FTR Center, Capacity Exchange, DR Hub and MSRS in Q1 2022.

E. Ian Mundell, PJM, provided an update to the Planning Center: Gen Model, Queue Point and Competitive Planner and eGADS roadmap. Mundell communicated that user account management for eGADs would be integrated into Account Manager in November or December and that in Q1 2022 it would be mandatory to manage access to eGADs with the Account Manager tool. Mundell stated that for the Q1 2022 implementation, users would need to identify an existing Account Manager account or create a new Account Manager account to access eGADs and this would affect approximately 50% of the current eGADs users. Mundell stated that during this transition period the eGADS team will coordinate assistance with the PJM Account Manager support team to ensure stakeholders are ready.

F. Foluso Afelumo, PJM reviewed the tools with no upcoming planned updates for next month.

General Updates (1:55-2:15)

5. General updates will be presented

A. Zeenath Fernandes, PJM, provided an update on PJM's Retiring Use of Weak Encryption. Fernandes communicated that the November 1 Production change would disable weak encryption for browser and browserless systems and that each company should use one of the acceptable documented encryptions.

B. Foluso Afelumo, PJM, communicated general updates and recent Production issues. Afelumo shared that a Tech Change Community survey would be available to participants on October 12 until October 27 which PJM will use to enhance the Tech Change Community platform to better serve stakeholders needs. Afelumo stated that there would be an OASIS Preemption Function Implementation demonstration at today's meeting and a PJM Connect demonstration at the November Tech Change Forum. Afelumo reiterated that PJM is requesting suggestions on future demonstration ideas. Afelumo reviewed the September 27 internet bandwidth issue with one of PJM's internet service providers and the September 29 and October 5 pjm.com slowness issues. Afelumo stated that the pjm.com October 5 issue is still being investigated. Afelumo discussed PJM's ongoing review of data being scraped at a high frequency on pjm.com. Afelumo reminded participants that that data currently resides in Data Miner for users who need it at a high frequency.

Product Design Review & Feature Demonstrations (2:15-2:30)

6. Demonstrations *(This educational topic is being recorded at the request of stakeholders. It will be posted)*

A. Bhushan Dhuri, PJM, provided a demonstration for the OASIS Preemption Function Implementation that would go live on October 27 if PJM does not receive the FERC's approval.

Product Roadmap Informational Detail Only (2:30-2:35)

7. Roadmaps for individual products not presented

A. DR Hub, Power Meter, InSchedule and Billing Line Item Transfer Roadmaps [Gerry McNamee]

B. PJM.com Roadmap [Tawnya Luna]

C. PJM Connect Roadmap [Kevin Hilyard]

D. Markets Gateway Roadmap [Kim Warshel]

E. Communities Roadmap [Monica Burkett]

F. Networks Roadmap [Keith Rainer]

G. OASIS Preemption Function Implementation [Bhushan Dhuri]

H. File Transfer Protocol (FTP) Availability in Chromium Browsers [Tawnya Luna]

I. TO Connection: PCLLRW Enhancements [Ankit Kharod]

J. Transmission Owner Tie-Line PJM Connect Site Implementation [Kim Brockmeyer]

General Feedback and Future Forum Topics (2:35)

Future Meeting Dates

| November 8, 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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