Admin (1:00-1:03)

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 Community.

Past Meeting Issue Review (1:03-1:15)

2. Discuss follow-up items from last meeting.
   A. Jim Gluck, PJM, asked for feedback about the recent Data Miner 2 release. No feedback at this time.

Initiative Roadmap Updates (1:15-1:15)

3. Roadmaps for PJM initiatives through 2019 will be presented.

Product Roadmap Updates (1:15-1:45)

4. Roadmaps for individual products will be presented.
   A. Bhavana Gagrani, PJM, provided an update to the roadmaps for Account Manager, Bulletin Board, eDataFeed, Data Viewer, Messages, Resource Tracker, and Voting. She explained the May 22 system updates for Bulletin Board and Messages.
   B. Gerry McNamee, PJM, reviewed the DR Hub, Power Meter, InSchedule, Billing Line Item Transfer, eSuite Home Page roadmaps. He reviewed process changes for batteries and generators with Interconnection Rights coming in the May 21 release and explained that a new XSD is now available to DR Hub users. He stated that modified eSuite screen releases will occur on June 27. The new mock screens were shared.
   C. Kim Warshel, PJM, provided an update to the roadmap for Markets Gateway. She explained the two enhancements for SpinMax validation were completed and provided clarity for the changes to the Dispatch Lambda page occurring on Get dates off slide 3. She reviewed the current issue with the Resource Limitation Reporting and Tracking and the third quarter enhancements PJM would complete. The upgrade will provide dynamic notifications to dispatch if a unit is running close to its limitations.
   D. Tawnya Luna, PJM, reviewed the PJM.com Home Page roadmap and the refresh that went live in first quarter and explained the previously communicated second quarter changes will now occur in third quarter. The third quarter enhancements include ease of Single Sign On to coincide with PJM tools. She communicated that the Secure area Expiration which allows three year expiration for members and one year expiration for non-members went live on April
26. She also communicated that the Go live of the Planning Project Construction & Cost Analysis page will Go line in fourth quarter.

E. Beth Schweser, PJM reviewed the OASIS roadmap stating that PJM is completing the refreshed OASIS production deployment on June 23. She suggested that stakeholders visit pjm.com to review the posted training materials since there are significant changes to the layout.

F. Swapna Kanury, PJM, reviewed the Data Miner 2 roadmap and explained the June 26 and July 17 releases. She said the June release will include a new feed for Solar Generation and FTR Congestion LMPs for which the User Guide will be also be updated. Ms. Kanury communicated that the July 17 release would include five new feeds: Unverified Five Minute LMPs, Transfer Interface Information (MW), Instantons Load (MW), Transmission Limits and Instantaneous Dispatch Rates. These five new feeds can now be accessed in the train environment, the current User Guide and in the Tech Change Community. She explained a resolution is in progress for the current Monday slower Five minute Real-Time LMP data download and provided a resolution that can be used. This issue only occurs on Mondays since 3 days of data are published.

G. Madeline Beach, PJM, discussed the eDART roadmap. She communicated that PJM has identified integration issues between eDART Company Distributed Workflow (CDW) functionality and the CAM process and explained that the release date was still unknown. Enhancements to the Voltage Limits functionality are on schedule. She explained the eDART refresh is tentatively scheduled for fourth quarter.

H. Ian Mundell, PJM, discussed the Gen Model and Queue Point roadmaps. Mr. Mundell communicated the June 11 train environment releases may be done ahead of time and the June 25 production release is still on schedule. He explained that the changes are a result of stakeholder feedback provided in Bright Ideas, that a demo will be provided at the June 18 Tech Change Forum and that PJM will continue to work with the Planning Committee on any changes.

I. Keith Rainer, PJM, discussed the Network roadmap. There are three awareness-only network infrastructure replacements scheduled for June 13, June 20 and June 27. Future communications for these replacements will sent to the TechNotify distribution list.

J. Andrew Woodall, PJM discussed the Model on Demand roadmaps and stated that version 10.2.1.6 will the Model on Demand application. Jim Gluck, PJM explained that this is a vendor applied application and Model on Demand has not been shared often at the Tech Change Forum but stakeholders will receive updated information at future meetings.

K. Jim Gluck, PJM, reviewed the applications for which there were no planned updates for June.

General Updates (1:45-1:55)

5. General updates will be presented

   A. Jim Gluck, PJM, discussed the recent production issue regarding the April 28 and May 14 PJM website issues.

   B. Monica Burkett, PJM, provided update on third quarter communication updates that PJM will make which will affect the current distribution lists subscription process. Additional information will be provided at the June 18 Tech Change Forum during Initiatives section of the agenda. Stakeholders interested in the pilot group can contact techchangeforum@pjm.com.

   C. Tawnya Luna, PJM, reviewed the Browser Support updates where PJM is moving forward with latest versions of Chrome, Firefox, Safari and Edge.

Product Design Review & Feature Demonstrations (1:55-2:10)

6. Product Design Review & Feature Demonstrations

   A. None
Future Meeting Announcement (2:10-2:15)

7. Jim Gluck, PJM, highlighted the important upcoming dates based on the information shared.

General Feedback and Future Forum Topics (2:15)

Future Meeting Dates

<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
<th>Location</th>
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<tbody>
<tr>
<td>June 18, 2019</td>
<td>1:00 p.m.</td>
<td>PJM Conference &amp; Training Center / WebEx</td>
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<tr>
<td>July 23, 2019</td>
<td>1:00 p.m.</td>
<td>PJM Conference &amp; Training Center / WebEx</td>
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<tr>
<td>August 20, 2019</td>
<td>1:00 p.m.</td>
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<tr>
<td>September 17, 2019</td>
<td>1:00 p.m.</td>
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<tr>
<td>October 21, 2019</td>
<td>1:00 p.m.</td>
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<tr>
<td>November 19, 2019</td>
<td>1:00 p.m.</td>
<td>PJM Conference &amp; Training Center / WebEx</td>
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<tr>
<td>December 17, 2019</td>
<td>1:00 p.m.</td>
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Author: Risa Holland

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<td>To link your teleconference connection (audio presence) to your WebEx presence, please dial *29 and enter your Personal Identification Number. Once you are logged in to the WebEx, this PIN can be found under the &quot;Meeting Info&quot; tab of your WebEx window.</td>
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