Account Manager, Bulletin Board, Data Viewer, eDataFeed, Messages, Resource Tracker, Voting Roadmaps

As of February 21, 2020
<table>
<thead>
<tr>
<th>Product - Action Required</th>
<th>Deadline</th>
<th>Who May Be Affected</th>
</tr>
</thead>
<tbody>
<tr>
<td>Resource Tracker – 5:00-5:30 p.m. EPT outage during the release. Users may need to re-authenticate access</td>
<td>March 5 - Train March 12 - Production</td>
<td>Resource Tracker users</td>
</tr>
<tr>
<td>Account Manager – 5:00-7:00 p.m. EPT outage during the release. At the conclusion of the outage, Account Manager users should re-authenticate their access.</td>
<td>March 19 Production</td>
<td>Account Manager users</td>
</tr>
</tbody>
</table>

* Tentative
<table>
<thead>
<tr>
<th>2019</th>
<th>Jan</th>
<th>Feb</th>
<th>Mar</th>
<th>Apr</th>
<th>May</th>
<th>Jun</th>
<th>Jul</th>
<th>Aug</th>
<th>Sep</th>
<th>Oct</th>
<th>Nov</th>
<th>Dec</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Messages</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Resource Tracker</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td><img src="image" alt="Train 3/5 Production 3/12" /></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Voting</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Legend**
- ![Start Date](image)
- ![End Date](image)
## 2020 Roadmap Account Manager, Bulletin Board, Data Viewer, eDataFeed

**Legend**
- ![Start Date](image)
- ![End Date](image)

* Tentative

<table>
<thead>
<tr>
<th></th>
<th>Jan</th>
<th>Feb</th>
<th>Mar</th>
<th>Apr</th>
<th>May</th>
<th>Jun</th>
<th>Jul</th>
<th>Aug</th>
<th>Sep</th>
<th>Oct</th>
<th>Nov</th>
<th>Dec</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Account Manager</strong></td>
<td><img src="image" alt="Train *" /></td>
<td><img src="image" alt="Prod *" /></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Bulletin Board</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Data Viewer</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>eDataFeed</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Input:
- Jan: [Account Manager, Bulletin Board, Data Viewer, eDataFeed]
- Feb: [Account Manager, Bulletin Board, Data Viewer, eDataFeed]
- Mar: [Account Manager, Bulletin Board, Data Viewer, eDataFeed]
- Apr: [Account Manager, Bulletin Board, Data Viewer, eDataFeed]
- May: [Account Manager, Bulletin Board, Data Viewer, eDataFeed]
- Jun: [Account Manager, Bulletin Board, Data Viewer, eDataFeed]
- Jul: [Account Manager, Bulletin Board, Data Viewer, eDataFeed]
- Aug: [Account Manager, Bulletin Board, Data Viewer, eDataFeed]
- Sep: [Account Manager, Bulletin Board, Data Viewer, eDataFeed]
- Oct: [Account Manager, Bulletin Board, Data Viewer, eDataFeed]
- Nov: [Account Manager, Bulletin Board, Data Viewer, eDataFeed]
- Dec: [Account Manager, Bulletin Board, Data Viewer, eDataFeed]

Output:
- Jan: [Account Manager, Bulletin Board, Data Viewer, eDataFeed]
- Feb: [Account Manager, Bulletin Board, Data Viewer, eDataFeed]
- Mar: [Account Manager, Bulletin Board, Data Viewer, eDataFeed]
- Apr: [Account Manager, Bulletin Board, Data Viewer, eDataFeed]
- May: [Account Manager, Bulletin Board, Data Viewer, eDataFeed]
- Jun: [Account Manager, Bulletin Board, Data Viewer, eDataFeed]
- Jul: [Account Manager, Bulletin Board, Data Viewer, eDataFeed]
- Aug: [Account Manager, Bulletin Board, Data Viewer, eDataFeed]
- Sep: [Account Manager, Bulletin Board, Data Viewer, eDataFeed]
- Oct: [Account Manager, Bulletin Board, Data Viewer, eDataFeed]
- Nov: [Account Manager, Bulletin Board, Data Viewer, eDataFeed]
- Dec: [Account Manager, Bulletin Board, Data Viewer, eDataFeed]
Resource Tracker Release

- Enhancement release
  - A- Unit Detail Page
  - B- Capacity Ownership Details (data from Capacity Exchange)
  - C- Status Details

<table>
<thead>
<tr>
<th>Impact</th>
<th>Action Required</th>
<th>Outage</th>
</tr>
</thead>
<tbody>
<tr>
<td>User Interface</td>
<td>None</td>
<td>2 hours</td>
</tr>
<tr>
<td>Browserless</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>
The Unit Detail Section provides basic information associated with the unit.

This information is the unit’s Long Name, Short Name, Pnode ID, Pnode Name and Node Type.
Capacity Sections Enhancements

• Current Ownership Percentage calculation was incorrect and did not properly display an accurate percentage
• Through research and analysis, determined that showing Owned MWs would ensure an accurate number displayed
• (The MW amount of capacity rights that a company owns on the generation resource for the entered date.”)
<table>
<thead>
<tr>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>Confirm</td>
<td>No Change</td>
</tr>
<tr>
<td>Discrepancy Reported</td>
<td>No Change</td>
</tr>
<tr>
<td>Discrepancy Resolved</td>
<td>No Change</td>
</tr>
<tr>
<td>Expired</td>
<td>Removed/No longer available</td>
</tr>
<tr>
<td>Not Confirmed</td>
<td>No Change</td>
</tr>
</tbody>
</table>
Account Manager Release

• Enhancement release
  – CDW (Company Distributed Workflow)
    • Member – Agent Functionality: Company admins of Members will be able to request agent companies to act on their behalf in eDART.

<table>
<thead>
<tr>
<th>Impact</th>
<th>Action Required</th>
<th>Outage</th>
</tr>
</thead>
<tbody>
<tr>
<td>User Interface</td>
<td>None</td>
<td>2 hours</td>
</tr>
<tr>
<td>Browserless</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>
Product Details
Account Manager is used to create accounts and request and grant access to PJM's tools and website.

**Key Product Features**

- Grants access to PJM Tools
- Member CAMs can determine and regulate access for their respective companies
**Bulletin Board** facilitates power contracting activity.

**Key Product Features**
- Provides users with access to a larger pool of buyers and sellers of contracts for electric power.
- Allows users to view, post and modify requests to buy or offers to sell power.
Data Viewer allows users to view operational and market data graphically

**Key Product Features**
- Display real-time LMPs, IT SCED forecasted LMPs, Dispatch Rate, etc.
- Customizable data plots and graphs
eDataFeed is a web service that allows subscribers to select and “stream” PJM locational marginal price data, as well as some operational data directly into their system. eDataFeed delivers information in a format called Simple Object Access Protocol (SOAP) that enables data capture, analysis and decision support to meet the trading, risk management and business decisions of PJM’s members (customers).

Key Product Features
- Allows for automated data retrieval
Messages provides updates and important messages regarding PJM tools.

Key Product Features
- Used by members to view updates and important messages regarding PJM tools.
Resource Tracker provides generation owners a single view of generator ownership information as recorded across various PJM applications.

**Key Product Features**

- Single point mechanism for generator ownership information
  - Ownership changes
  - Energy, Capacity and Ancillary Service Ownership
  - Marketing Company
  - Dispatching Company
- Annual confirmation period
Summary of Changes

- Added Unit Detail Section
- Changed Capacity “Ownership Percentage” to “Owned MW”
- Simplified “Confirmation Status”
- Release in TRN 03/05/2020 PRD 03/12/2020
The Unit Detail Section provides basic information associated with the unit.

This information is the unit’s Long Name, Short Name, Pnode ID, Pnode Name and Node Type.
Current Ownership Percentage calculation was incorrect and did not properly display an accurate percentage.

Through research and analysis, determined that showing Owned MWs would ensure an accurate number displayed.

(The MW amount of capacity rights that a company owns on the generation resource for the entered date.)
Confirmation Status Update

From:
- Confirmed
- Discrepancy Reported
- Discrepancy Resolved
- Expired
- Not Confirmed

To:
- Confirmed
- Discrepancy Reported
- Discrepancy Resolved
- Not Confirmed
Voting facilitates voting at the Markets and Reliability Committee and Members Committee meetings.

**Key Product Features**

- Facilitates voting at the Markets and Reliability Committee and Members Committee meetings
- Vote tallying and reporting, the tool also allows both on-site and remote meeting attendees to cast votes for agenda items presented to the membership for voting