Data Miner 2 Roadmap

As of March 20, 2018
Data Miner 2 will become the central data repository and interface for PJM public data.

**Key Product Features**

- Unified / highly available interface for all PJM public data
- APIs available for system to system integrations
- Metadata available
- Large Data Export feature available. Download limits are as follows: UI – Up to One Million Rows. API – Up to 50K Rows per fetch
# 2018 Roadmap for Data Miner 2

<table>
<thead>
<tr>
<th>Mar 2018</th>
<th>Apr 2018</th>
<th>May 2018</th>
<th>Jun 2018</th>
<th>Q3 2018</th>
<th>Q4 2018</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Data Miner 2</strong></td>
<td></td>
<td></td>
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<tr>
<td><img src="image" alt="5-min LMPs Mar. 06" /></td>
<td><img src="image" alt="5 min LMP – Apr. 01" /></td>
<td></td>
<td><img src="image" alt="Release 18.04" /></td>
<td><img src="image" alt="Release 18.05" /></td>
<td><img src="image" alt="Begin Phased Retirements" /></td>
</tr>
<tr>
<td></td>
<td><img src="image" alt="Available for testing" /></td>
<td>Hourly RT and DA LMP flat files no longer posted on pjm.com</td>
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</tbody>
</table>

Availability of 5 minute LMP data in Data Miner 2

- Data Miner 2 beta environment provides UI and API interface to access this data
- These Real-Time LMPs will be considered test data and will not be used for any settlement calculations.
- Enhancements going into April 1 release will reduce the posting time for Five Minute LMP

**Note 1:** PJM is publishing the LMP data solely for member testing purposes only. These LMPs will be available in the Data Miner 2 train environment until April 1. After April 1, the verified LMP data will be available in Data Miner 2 production

**Note 2:** This data will be available in Data Miner 2 only. The csv files posted on pjm.com and ftp sites will remain the hourly LMP values
New Hourly RT and DA LMP flat files will no longer be posted on pjm.com and FTP site after April 1, 2018.

Data from Operational Data page will be available in June, 2018. Current site to be retired approx. June, 2019.

Flat files on PJM.com and FTP implemented in Data Miner 2 in August, 2017 will be retired beginning August 15, 2018.

Currently planning eDataFeed incorporation into Data Miner 2. More details to follow.
<table>
<thead>
<tr>
<th>Issue</th>
<th>Resolution</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Multiple User accounts with same email address</td>
<td>Develop solution to handle multiple user accounts</td>
<td>Scheduled for 3/22</td>
</tr>
<tr>
<td>DA LMP postings are delayed</td>
<td>Develop a solution to sync posting times</td>
<td>Scheduled for 4/1</td>
</tr>
<tr>
<td>Enhanced API Guide and API code samples</td>
<td>API Portal Documentation Updated. Published a new version on API Guide with the same updated</td>
<td>Released on 2/15</td>
</tr>
<tr>
<td>Multiple channels of communication</td>
<td>Retire issues tab on API Portal  Use Tech Change Forum Community as primary discussion board Create specific email distribution list for Data Miner 2 communication</td>
<td>Released on 3/15</td>
</tr>
<tr>
<td>Pnode filter not working on IE browser</td>
<td>Code fix</td>
<td>Scheduled for 4/1</td>
</tr>
<tr>
<td>Operations Summary data mismatch with pjm.com data</td>
<td>Scheduler fix</td>
<td>Scheduled for 4/1</td>
</tr>
</tbody>
</table>
API Portal Issues tab migrated to Tech Change Forum Community

View Data Miner 2 Issues/Topics on Tech Change Forum Community:
Review the [feed list](http://www.pjm.com) including target retirement dates:
• View API details in the API Guide

• Contact Data Miner 2 Support @ DataMiner2Support@pjm.com

• Subscribe to the Data Miner 2 Notification List on PJM.com My Email Lists
  – Notifications for all releases, enhancements, and data issues & resolutions

• Visit Tech Change Forum Community page for Knowledge base on Support issues
Additional Details
Technical Features

- Similar look and feel to Data Miner
- Data Miner 2 hosted on Microsoft Azure Cloud Platform
  - Filtering, Pagination and Sorting
  - Data Dictionary Search
- RESTful web API services
- Supports multiple Data Formats
  - JSON
  - XML
- Versioning