Data Miner 2 Roadmap

As of February 20, 2019
<table>
<thead>
<tr>
<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>Release 19.01</td>
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<td>Production: Jan. 29</td>
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<tr>
<td>Release 19.02</td>
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<td>Production: Feb. 27</td>
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<tr>
<td>Release 19.03</td>
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<td>Production Go-Live</td>
</tr>
</tbody>
</table>

Legend
- Green diamond: Start Date
- Purple diamond: End Date

• **API Updates**
  • API queries for historic data to be restricted to have date range within the same calendar year.
  • For API queries with date value parameters containing out-of-bound timestamps, the timestamps will be rounded to the nearest valid time interval. This will impact the “self” link that is returned in the API response.

<table>
<thead>
<tr>
<th>Area</th>
<th>Action Required</th>
<th>Outage</th>
</tr>
</thead>
<tbody>
<tr>
<td>API</td>
<td>Response Element “self” link will contain rounded off dates</td>
<td>None</td>
</tr>
</tbody>
</table>
Highlights

• Changes as part of FERC order 844 in Release 19.01:
  – The Real-Time Marginal Value Feed is updated to include the ‘Transmission Constraint Penalty Factor’ (TCPF) and the ‘Limit Control Percentage’ that was applicable for the binding constraint.
  – A new feed is now available that displays Real-Time transmission constraints which have a TCPF which is different from the default TCPF values documented in the PJM tariff.
• Data from Operational Data page release is deferred to Q2 2019. Feeds were made available in train for Beta testing on June 30, 2018.
<table>
<thead>
<tr>
<th>Issue</th>
<th>Resolution</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>LMP data download response times slowed down</td>
<td>DB performance tuning in progress. Some backend changes that are seamless to users will be deployed to production with 19.02 release</td>
<td>Release 19.02</td>
</tr>
<tr>
<td>Historical Load Forecast data is missing data for EKPC and DEOK areas for years prior to 2018</td>
<td>Investigate availability of the data and backfill missing data</td>
<td>Release 19.02</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:

- Where is the five minute verified RT LMP data available for testing purposes?
  - Data Miner: Swapna Kanury
  - January 8, 2018 at 11:45 AM
- hrl_load_metered latency
  - Data Miner: Swapna Kanury
  - Just now
- Hourly Real-Time & Day-Ahead LMP Monthly files equivalent API
  - Data Miner: Swapna Kanury
  - 2m ago
- data lag in 7day load forecast through dataminer2 vs. web table post
  - Data Miner: Swapna Kanury
  - 9m ago
- Generation Fuel Mix
  - Data Miner: Swapna Kanury
  - 21m ago
- hrl_load_prelim - missing data
  - Data Miner: Swapna Kanury
  - 22m ago
- Reported historical metered load for total RTO
  - Data Miner: Swapna Kanury
  - 24m ago
- Inaccurate versioning of RT data (rt_hrl_lmps)
  - Data Miner: Swapna Kanury
  - 27m ago
- RTO values from wind_gen do not match the old file
  - Data Miner: Swapna Kanury
  - 48m ago
• View API details in the [API Guide](#)

• Contact Data Miner 2 Support @ [DataMiner2Support@pjm.com](mailto: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
Product Details
Data Miner 2 is 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