



# Data Miner Roadmap

As of December 15, 2020

- Updated
  - Support Issues
  - Impact Details
  - 2020 Roadmap

Product - Action Required	Deadline	Who May Be Affected
<p>Release 20.12 - Share this communication within your company where applicable. Download any information you may need prior to this release occurring.</p>	<p><b>December 17</b> <b>4:00 p.m. to 8:00 p.m.</b></p>	<p>Data Miner users</p>
<p>Get familiar with eDataFeed data streams being moved into Data Miner</p>	<p><b>June 26, 2021</b></p>	<p>eDataFeed users</p>



	2020	2021				
	Dec	Jan	Feb	Mar	Apr	May
Release 20.12	◆ Dec 17					
Release 21.01		◆ Jan 27				

Legend

- Start Date
- ◆ End Date

Release Notes: <http://www.pjm.com/markets-and-operations/etools/data-miner-2.aspx>



Issue	Resolution	Status
Instantaneous Load values for Areas are not matching between eDataFeed and Data Miner	PJM has taken a detailed look at the differences in the load values shown in the regional loads presented in eDataFeed versus the ones presented in Data Miner. Following is the detailed analysis on the resolution.	Resolved

Data Miner utilizes load data that comes from PJM’s State Estimator (SE) solution. Individual bus loads are aggregated to form zones and regions (areas such as West, Mid-Atlantic, etc.) according to the same mapping used in Settlements functions. eDataFeed uses the same data for zonal loads, but when showing loads for the regions, it utilizes data from PJM’s Automatic Generation Control (AGC) systems.

The AGC data and SE data are very similar, however the AGC data tracks some things differently from SE – things like pseudo-ties, dynamically scheduled load or generation, low voltages ties, and tie lines not on the BES system. As a result, the load values are slightly different.

Unfortunately, complete bus/zonal level data is not available from the AGC data. Therefore, it is not possible to present the zonal level and region level loads from the same data source. PJM is aware that if Data Miner were to use two different sources in the combined stream, the data would no longer be mathematically consistent (for example, the load for the zones within Mid-Atlantic would no longer add up to the value posted for Mid-Atlantic). PJM made the choice to post the single set of load values to provide a mathematically consistent set of data and eliminate an issue that has been a source of confusion over the years.

The load data being posted in Data Miner currently represents accurate and consistent values from the State Estimator solution. At this time we have no plans to make any changes to this data.

- The following feeds will be added in the 20.12 release as part of PJM Transparency initiative.
  - IT SCED Load Bias
  - RT SCED Load Bias
  - LPC Load Bias
- More details and remaining new feed(s) information will be posted in Data Miner release notes and API Guide

- View API details in the [API Guide](#)
- Contact Data Miner Support @ [DataMiner2Support@pjm.com](mailto:DataMiner2Support@pjm.com)
- Visit [Tech Change Community](#) page for Knowledge base on Support issues



# Product Details



[Data Miner](#) 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

PJM is referring to Data Miner 2 as simply “Data Miner”. This change is being made incrementally across various tools, documentation, and [pjm.com](http://pjm.com). This is simply a change for convenience.

No technical changes are required. (For example, URLs remain unchanged)

- eDataFeed migration to Data Miner
  - eDataFeed data streams will be available in Data Miner from June 26, 2020 onwards. The API Guide will be updated to reflect the API short names and attributes
  - Release notes will have additional information such as the feed names and descriptions
  - Data for these feeds will be available on UI and API
  - All feeds are made available in the beta (train) environment from June 12 onwards for testing purposes. Please note the data in stage is only for testing purposes and not production quality data.
  - eDataFeed will tentatively retire on June 26, 2021
  - Final feed list and mapping of eDataFeed to Data Miner feeds is available on the [tools page](#)

- API Portal Issues tab migrated to Tech Change Forum Community
- View Data Miner Issues/Topics on [Tech Change Forum Community](https://pjm.force.com/techchangeforum/s/topic/01O0V00001GyUWAU/data-miner)

