

Data Miner Roadmap

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Tech Change Forum
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Upcoming Release 25.11

Feed changes for FERC Order 881

Security Protocol upgrade – Full roll out

Product - Action Required	Deadline	Who May Be Affected
Production Release 25.11	November 12 4:00 p.m.	Data Miner users
Feed changes for FERC Order 881	December 2025 (Train) Q1 2026 (PRD)	Data Miner users
Security protocol update – Full roll out	Currently in Train Q1 2026 (PRD)	Data Miner API users



	2025											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Release 25.09									Sept. 29			
Security Update									Sept. 16			
Release 25.11											Nov. 12	

Legend

- Start Date
- End Date

2026											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Release 26.03		 TBD									
		 TBD									
Security Update Full roll out											

Legend

-  Start Date
-  End Date

- Daily Generation capacity feed enhancement
 - Update the data to correct a date conversion issue with the feed posting
 - Enhance the data to include only available generation MWs
 - After the changes have been applied, the entire data posted including historic data will be refreshed.
- Feed changes for FERC Order 881
 - Retiring Day ahead temperature sets feed

The security upgrade rolled out on 9/16/2025 identified few of our API users whose systems/software was not compliant to the upgrades made. PJM turned off few features to allow these users to test and adjust their software.

- Full set of features will be turned back in Q1 2026
- The full solution is available in Data Miner train to test the connectivity and compliance
- Following standards are mandatory to be able to connect to Data Miner API after the full roll out
 - TLS 1.2 with ciphers
 - Operating systems and software that have not reached End of Life Cycles

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Data Miner Roadmap



Member Hotline

(610) 666 – 8980

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**PROTECT THE
POWER GRID
THINK BEFORE
YOU CLICK!**



Be alert to
malicious
phishing emails.

Report suspicious email activity to PJM.
(610) 666-2244 / it_ops_ctr_shift@pjm.com



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

#	Key Update Highlight	Description of Change
1	Amount of records increasing	Since ASO is moving from 60 mins to 30 mins duration, there will be 48 records per day instead of 24 records (except for DST)
2	Records to return 'null'	The following will return null: REGD_SSMW, REGD_PROCURE, REGD_MILEAGE, REGA_HOURLY, REGD_HOURLY
3	'RegA' column naming update to 'Reg'	Update 'RegA Self-scheduled eff. MW' to 'Reg Self-scheduled eff. MW', 'RegA pool procured eff. MW' to 'Reg pool procured eff. MW', 'RegA 30 day mileage' to 'Reg 30 day mileage'
4	Field description changes, noting retirements	RegD Self-scheduled eff. MW, RegD pool procured eff. MW, RegD 30 day mileage, RegA hourly mileage, RegD hourly mileage will be updated to reflect – “This column is retired as of 10/1/2025.”
5	Field description changes, noting updates	Reg Self-scheduled eff. MW – “Self-Scheduled Regulation Effective MW” Reg pool procured eff. MW – “Pool Procured Regulation Effective MW” Reg 30 day mileage – “30 day average of Δ MW/MW for an ideal resource following the Regulation signal.”

#	Key Update Highlight	Description of Change
1	Marginal benefits factor to be removed	Marginal benefits factor no longer used in new regulation logic, column will be removed
2	Update to ‘Performance Clearing Price’	‘Mileage Clearing Price’ field name will update to ‘Performance Clearing Price’

#	Key Update Highlight	Description of Change
1	Columns to return 'null'	REGD MW and TIER1 MW to return 'null'
2	Field name changes	Update 'Regulation Performance Clearing Price' to 'Regulation Mileage Clearing Price'
3	Field description changes	Updates: Assigned MW – “Assigned Raw MW towards satisfying the requirement for the selected service and locale. Self-scheduled MW is included. This value is from the Dispatch Run.” Self-scheduled MW – “Self-scheduled Raw MW. This is also included in the Assigned MW. This value is from the Dispatch Run.” Tier 1 MW – “Incidental Reserve MW from qualified partially loaded online units. This value is from the Dispatch Run. This column is retired as of 10/1/2022.” REGD MW – “Assigned Dynamic Regulation Raw MW towards satisfying the Regulation requirement. This value is from the Dispatch Run. This column is retired as of 10/1/2025.”



Data Miner 2 Feed Location:
Ancillary Services > Real-Time Ancillary Service Five-Minute LMPs
Ancillary Services > Real-Time Ancillary Service Hourly LMPs

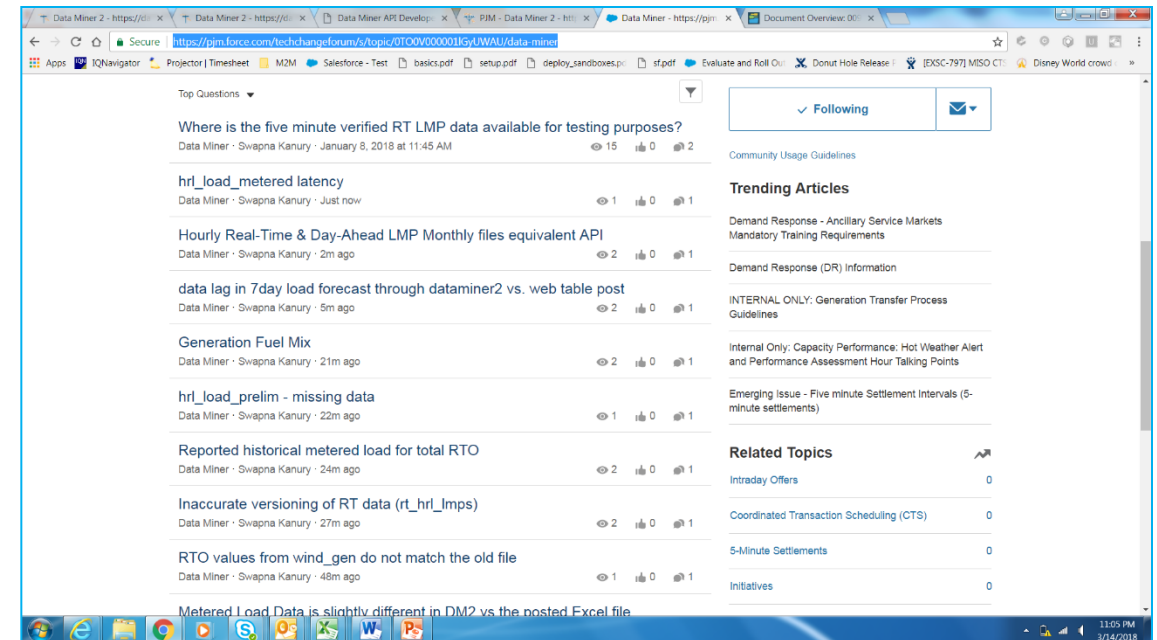
#	Key Update Highlight	Description of Change
1	Data update	'RTO Regulation Performance' with type 'Price' renamed to 'RTO Regulation Mileage' 'RTO Mileage Ratio' with type 'Ratio' redefined to equal 5-Min Actual Mileage / Historical (Daily) Mileage

PJM is referring to Data Miner 2 as simply “Data Miner”. This change is being made incrementally across various tools, documentation, and [pjm.com](https://www.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/0TO0V000001GyUWAU/data-miner)



Recalculation of LMPs - Data Miner Feed Updates

Data reposted for:

- February 1 - February 3
- February 5 - February 11
- February 13 - February 16

Feed Name	Type of Update	How to obtain the reposted data
Real-Time Five Minute LMPs	New Version	Get new data by filtering Latest Version = true
Real-Time Hourly LMPs	New Version	Get new data by filtering Latest Version = true
Ancillary Services Five Minute LMPs	New Version	Get new data by filtering Latest Version = true
Ancillary Services Hourly LMPs	New Version	Get new data by filtering Latest Version = true
Real Time Marginal Value	Overwrite	Re-run to get refreshed data
Settlements Verified Five Minute LMPs	Overwrite	Re-run to get refreshed data
Settlements Verified Five Minute Ancillary LMPs	Overwrite	Re-run to get refreshed data

All data repostings are complete.