Data Miner 2 Impacts

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- PJM makes public data available (CSV and Excel files) from pjm.com (over 50 separate feeds of markets and operations data)

- LMP data available through the Data Miner tool

  – Data Miner allows for automated download and user queries

- Members have requested more data available via Data Miner

- Members often have issues locating data of interest

- Based on member feedback, PJM will be significantly expanding the Data Miner
  - Streamlined user interface
  - APIs available for system to system integrations
- Data Miner 2 will become the central source for PJM public data
- Details are being made available via the Tech Change Forum

- More data will be available via Data Miner, with increased reliability, performance, and ease-of-use
- Go-live in August, 2017
- After a one-year transition time, PJM will retire flat file postings from pjm.com
- Five Minute Settlement LMPs will only be available via Data Miner 2

This will probably impact your organization

Feed Name	Short Name	Current Location of the Feed
Fixed Weighted Average Aggregate Definitions	agg_definitions	http://www.pjm.com/markets-and-operations/energy/lmp-model-info.aspx
Monthly Financial Transmission Rights Zonal LMPs	mnt_ftr_zonal_lmps	http://www.pjm.com/markets-and-operations/energy.aspx
Day Ahead Transmission Constraints	da_transconstraints	http://www.pjm.com/markets-and-operations/energy.aspx
Hourly LMPs under Real-Time Energy Market	rt_hrl_lmps	http://www.pjm.com/markets-and-operations/energy.aspx
Ancillary Services	ancillary_services	http://www.pjm.com/markets-and-operations/energy.aspx
Hourly LMPs under Day Ahead Energy Market	da_hrl_lmps	http://www.pjm.com/markets-and-operations/energy.aspx
Hourly Day-Ahead Increment Offer & Decrement Bid Data - 4 month delay	hrl_da_incs_decs	http://www.pjm.com/markets-and-operations/energy.aspx
Daily Energy Market Generation Offers	energy_market_offers	http://www.pjm.com/markets-and-operations/energy/real-time/historical-bid-data/unit-bid.aspx
Daily Generation Capacity	day_gen_capacity	http://www.pjm.com/markets-and-operations/energy.aspx
Hourly Day-Ahead Demand Bids	hrl_da_demand_bids	http://www.pjm.com/markets-and-operations/energy.aspx
Monthly Demand Response Offers	mnt_dr_offers	http://www.pjm.com/markets-and-operations/energy/real-time/historical-bid-data/dr-bid.aspx
Nodal Reference Prices	nodal_ref_prices	http://www.pjm.com/markets-and-operations/energy.aspx
Day Ahead Marginal Value	da_marginal_value	http://www.pjm.com/markets-and-operations/energy.aspx

Feed Name	Short Name	Current Location of the Feed
Real Time Transmission Constraints	rt_transn_constraints	http://www.pjm.com/markets-and-operations/energy.aspx
Forecasted Interface Prices	frcstd_interface_prices	http://www.pjm.com/markets-and-operations/energy.aspx
Hourly Demand Bid Data	hrl_dmd_bids	http://www.pjm.com/markets-and-operations/energy.aspx
Nodal Reference Prices for Increment Offer & Decrement Bid Screening	nodal_refe_prices_incdec	http://www.pjm.com/markets-and-operations/energy.aspx
Up-to-congestion Bid Screening	utc_bid_screening	http://www.pjm.com/markets-and-operations/energy.aspx
Day-Ahead Scheduling Reserve	dasr_results	http://www.pjm.com/markets-and-operations/billing-settlements-and-credit/preliminary-billing-reports.aspx
Non-Synchronized Reserve	non_sync_reserve	http://www.pjm.com/markets-and-operations/billing-settlements-and-credit/preliminary-billing-reports.aspx
PJM Regulation Zone Preliminary Billing Data	reg_zone_prelim_bill	http://www.pjm.com/markets-and-operations/billing-settlements-and-credit/preliminary-billing-reports.aspx
Reconciliation Billing Determinants Preliminary Operating Reserves Rates	prelim_or_rates	http://www.pjm.com/markets-and-operations/billing-settlements-and-credit/preliminary-billing-reports.aspx
RTO Synchronized Reserve Preliminary Billing Data	sync_reserve_prelim_bill	http://www.pjm.com/markets-and-operations/billing-settlements-and-credit/preliminary-billing-reports.aspx
7-Day Load Forecast	load_frcstd_7_day	http://www.pjm.com/markets-and-operations/energy/real-time/7-day-load-forecast.aspx
Ancillary Service Market Results	reserve_market_results	http://www.pjm.com/markets-and-operations/ancillary-services.aspx

Feed Name	Short Name	Current Location of the Feed
Historical PJM Synchronized Reserve Events	sync_reserve_events	http://www.pjm.com/markets-and-operations/ancillary-services.aspx
PJM Historical Regulation Market Data	reg_market_results	http://www.pjm.com/markets-and-operations/ancillary-services.aspx
Actual/Schedule Summary Report	act_sch_interchange	http://www.pjm.com/markets-and-operations/ops-analysis.aspx
Forecasted Generation Outage Postings	frcstd_gen_outages	http://www.pjm.com/markets-and-operations/ops-analysis.aspx
Generation outage for Seven days by type	gen_outages_by_type	http://www.pjm.com/markets-and-operations/ops-analysis.aspx.
Generation and Extra High Voltage Losses	gen_ehv_losses	http://www.pjm.com/markets-and-operations/ops-analysis.aspx
Real-Time Scheduled Interchange	rt_scheduled_interchange	http://www.pjm.com/markets-and-operations/ops-analysis.aspx
RTO Transfer Limit and Flows	transfer_limits_and_flows	http://www.pjm.com/markets-and-operations/ops-analysis.aspx
Wind Generation Section: all years	wind_gen	http://www.pjm.com/markets-and-operations/ops-analysis.aspx
Off-Cost Operations	off_cost_ops	http://www.pjm.com/markets-and-operations/Ops-analysis.aspx
Load Forecasts (Historical)	load_frcstd_hist	http://www.pjm.com/markets-and-operations/ops-analysis.aspx
Hourly Load: Preliminary	hrl_load_prelim	http://www.pjm.com/markets-and-operations/ops-analysis.aspx
Hourly Load: Estimated	hrl_load_estimated	http://www.pjm.com/markets-and-operations/ops-analysis.aspx
Hourly Load: Metered	hrl_load_metered	http://www.pjm.com/markets-and-operations/ops-analysis.aspx
Daily cleared INCs, DECs, and UTCs	day_inc_dec_utc	http://www.pjm.com/markets-and-operations/energy.aspx

Feed Name	Short Name	Current Location of the Feed
FTR Auction Bids - Annual	ftr_bids_annual	http://www.pjm.com/markets-and-operations/energy/real-time/historical-bid-data/bids-ftr-auction-annually.aspx
FTR Auction Bids - Long-Term	ftr_bids_long_term	http://www.pjm.com/markets-and-operations/ftr.aspx
FTR Auction Bids - Monthly	ftr_bids_mnt	http://www.pjm.com/markets-and-operations/ftr.aspx
Day Ahead Interface Flows and Limits	da_interface_flows_and_limits	http://www.pjm.com/markets-and-operations/etools/oasis/system-information.aspx
Monthly Load - Reconciliation Billing Determinants	bill_deter_mnt_load	http://pjm.com/markets-and-operations/billing-settlements-and-credit.aspx
Load Reconciliation Billing Determinants - Hourly	load_recon_bill_deter_hrly	http://pjm.com/markets-and-operations/billing-settlements-and-credit.aspx
Real-Time Marginal Value	rt_marginal_value	http://www.pjm.com/markets-and-operations/energy.aspx
Operations Summary - Projected Area Statistics at Peak	ops_sum_frcst_peak_area	http://www.pjm.com/markets-and-operations/ops-analysis.aspx
Operations Summary - Projected RTO Statistics at Peak	ops_sum_frcst_peak_rto	http://www.pjm.com/markets-and-operations/ops-analysis.aspx
Operations Summary - Projected Scheduled Tie Flow	ops_sum_prjctd_tie_flow	http://www.pjm.com/markets-and-operations/ops-analysis.aspx
Operations Summary - Forecast Transfer Limits	ops_sum_frcstd_tran_lim	http://www.pjm.com/markets-and-operations/ops-analysis.aspx
Operations Summary - Actual Operational Statistics	ops_sum_prev_period	http://www.pjm.com/markets-and-operations/ops-analysis.aspx

Feed Name	Short Name	Current Location of the Feed
Monthly Equivalent Forced Outage Rates	mnt_efor	http://www.pjm.com/markets-and-operations/energy/real-time/historical-bid-data/eford.aspx
Generation Fuel Mix	gen_by_fuel	http://www.pjm.com/markets-and-operations.aspx - The pie chart that is present at this location
Daily Uplift By Zone	day_uplift	http://www.pjm.com/markets-and-operations/energy/uplift-data.aspx
Pricing Nodes	pnode	https://dataminer.pjm.com/dataminerui/pages/public/pnode.jsf
Load Reconciliation Billing Determinants - Daily	load_recon_bill_deter_daily	http://pjm.com/markets-and-operations/billing-settlements-and-credit.aspx

- API Guide
  http://www.pjm.com/markets-and-operations/etools/data-miner-2.aspx
- Data Miner 2 Support
  - Please Contact: DataMiner2Support@pjm.com