

Power Meter Tool



Power Meter Tool

- This tool calculates a market participant's actual interchange energy amounts to be used for balancing energy market settlements
- Transmission and generation owners submit hourly tie and generator values to be verified and corrected on a next hour basis

Load Data Submission

Daily Submission

Daily Allocation

Monthly Correction

Load Submission

Meter Dashboard

Meter Accounts

Reports

Select Date

12/01/2016

Update

Reset

12/01/2016 Thursday (Hour Ending EPT)

	Total	1	2	3	4	5	6	7	8	9
ACTUAL NET METER INTERCHANGE	14,169.000	358.000	372.000	407.000	470.000	465.000	545.000	662.000	698.000	637.000
TOTAL INTERNAL GENERATION	24,000.764	875.459	851.262	844.988	849.862	879.672	948.358	1,038.307	1,049.192	1,041.479
LOAD WITH LOSSES	38,169.764	1,233.459	1,223.262	1,251.988	1,319.862	1,344.672	1,493.358	1,700.307	1,747.192	1,678.479
DERATED LOSS ADJUSTMENT	1,270.100	32.000	31.700	32.600	34.800	37.100	44.900	56.500	64.500	64.000
LOAD WITHOUT LOSSES	36,899.664	1,201.459	1,191.562	1,219.388	1,285.062	1,307.572	1,448.458	1,643.807	1,682.692	1,614.479
DERATION FACTOR	0.7897128	0.025943	0.025914	0.026039	0.026366	0.02759	0.030066	0.033229	0.036916	0.03813

Tie and Generation RT MWh to be used in Settlements are reported to PJM via PowerMeter, via the submission tab

Load Data Submission

- Actual Net Meter Interchange is the sum/net of the Tie values reported in PowerMeter relative to zone. (This is inclusive of real ties as well as the Psuedo Ties)
- Total Internal Generation is the summation of Generation values report in PowerMeter relative to Gen that is inside of the Zone
- Load with Losses is Ties + Gen
- The De-rated Loss Adjustment is the summation of PJM Level EHV and NonEHV Losses for the Zone as calculated by the PJM State Estimator
- Load without Losses is the LoadWithLoss minus the De-rated Loss Adjustment
- Deration Factor is the De-rated Loss Adjustment divided by the Load with Losses value

Power Meter Tool Videos

<http://pjm.com/markets-and-operations/etools/power-meter.aspx>

Questions?