



Data Request: Charges to Load

September 7, 2022

At the August MIC meeting, stakeholders requested the following to inform their assessment of what cost shifting may occur when a load sites behind a generator interconnection (co-located load) and therefore avoids some or all of the charges typically assessed to load in the PJM market:

- A link to the February MIC presentation that compared the impact to energy, capacity and other charges across the various co-location configurations
 - [Consumer Costs for Various Co-location Configurations](#)
- Additional information on the various charges that are assessed to real-time load in PJM and the magnitude of those charges.

- The following slides contain the non-energy market-related charges that are assessed to load.
- The rates for most charges are taken from Table 1-8 in the [June 2022 State of the Market Report](#) and reflect the rates over the period of January – June 2022.
 - The total prices in this table are a load weighted average system price per MWh by category, even if each category is not charged on that basis. In practice, the rate for many charges varies by location.
- The rates shown for the individual administrative charges (Schedules 9 & 10) are from the June 2022 rates found in Data Miner 2, rather than from Table 1-8 in the State of the Market report, which displays only the aggregated administrative rates.
 - While this data only covers a one-month period, it serves as an effective measure to gauge the relative magnitude of the charges.



Load Charges Based on Peak Loads

Obligation Peak Load (OPL)

Charge	Rate (\$/MWh)
Locational Reliability Charge	\$11.06
Schedule 9-5 Capacity Resource & Obligation Management Charge	\$0.3036*
Generation Deactivation Charge	\$0

Network Service Peak Load (NSPL)

Charge	Rate (\$/MWh)
Network Integration Transmission Service Charge	\$12.83
Transmission Enhancement Charge	\$2.32
Reactive Supply and Voltage Control from Generation & Other Sources Service Charge	\$0.51
Black Start Service Charge	\$0.09

In practice, these charges are assessed based on peak loads, rather than RT 5-minute MWh usage. The rates are presented here on a \$/MWh basis for easier comparison to the other charges assessed to load.



Load Charges Based on Scheduled or Real-Time Load

Scheduled Load or Real-Time Load

Charge	Rate (\$/MWh)
Regulation Charge	\$0.34
Day-Ahead and Balancing Operating Reserve Charge (including Synchronous Condensing and Reactive Service)	\$0.21
Reserve Charges (Synchronized, Non-Synchronized & Day-Ahead Scheduling Reserve)	\$0.18
Transmission Owner Scheduling, System Control & Dispatch Service Charge	\$0.08
PJM Schedule 9-1 Control Area Administration Charge	\$0.0226
Schedule 9-3 Market Support Charge	\$0.0369
Schedule 9-MMU Funding Charge	\$0.0069
Schedule 9-FERC Charge	\$0.0853
Schedule 9-OPSI Charge	\$0.0008
Schedule 9-CAPS Charge	\$0.0005
Schedule 10-NERC Charge	\$0.0166
Schedule 10-RFC Charge	\$0.0253

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