

Region	Request Types		Response Options			File Content & Availability						Look-Ahead Pricing Capability				
	Request Via	Manual Website Request Support?	Web Service Support	CSV Support?	XML Support?	Market	LMP Granularity (Time)	LMP Latency: End of Interval to Posting	Load Pricing (Zonal or Nodal)	Load Zone Granularity (Time)	Load Pricing Latency: End of Period to Posting	Date Range	Calculated for Internal Use	Look-Ahead Period Covered	Evaluated Indicative Value if Real-time Diverging from Day-Ahead	Made Available Externally
CAISO	OASIS ¹	Yes	Yes	Yes	Yes	Day-Ahead (Also DA +2, DA+3)	Hourly ⁸	NA ⁷	Zonal and Nodal	Hourly ⁸	NA ⁷	Hourly, Daily, Monthly (Number of years of information available for date range determined by user)	Pricing Results from Real Time STUC run	5 hours	Commitment decisions re-evaluated from DA	Commitments are binding, Price is not binding and is not published (internal advisory only)
						Real-time	5-Minute ⁸	Before the start of the interval (approx T _{interval} -3min)	Zonal and Nodal	5-Minute ⁸	Before the start of the interval (approx T _{interval} -3min)	Hourly, Daily, Monthly (Number of years of information available for date range determined by user)				
						Other ³ HASP/HASP advisory	15-minute ⁸	T-45 _{minutes} before the operating hour	Nodal	15-minute ⁸	T-45 _{minutes} before opr hr					
PJM	Website	Yes	Yes ²	Yes	Yes ²	Day-Ahead	Hourly					Monthly	No ⁹	Not Applicable	No	N/A
						Real-time	5-Minute + Hourly	2 Minutes for 5 minutes data and 10 minutes for hourly data.	Nodal and Zonal	5 minutes and Hourly	About 2 Minutes for 5 minutes data and 10 minutes for hourly data.	Daily LMP files posted. % Minutes, Hourly, Daily. Historical available and determined by the date range requested by users.				
						Other ³										
ERCOT	Website	Yes	Yes ¹⁰	Yes	Yes	Day-Ahead	Hourly	NA ¹¹	Zonal	Hourly	NA ¹¹	Past 30 Days ¹²	No	1 Hour	No	Yes The prices are non-binding
						Real-time	5-Minute and 15-Minute	10 seconds for 5-Minute data and 2 Minutes for 15-Minute data	Zonal	5-Minute and 15-Minute	10 seconds for 5-Minute data and 2 Minutes for 15-Minute data	Past 3 Days ¹²				
						Other ³ Supplemental Ancillary Services Market	Hourly (as needed)	2 minutes	NA	NA	NA	Past 3 Days				
ISO-NE	Website	Yes	Yes	Yes	Yes	Day-Ahead	Hourly	NA ⁵	Zonal and Nodal	Hourly	NA ⁵	Annual	No	Not Applicable	No	Not Applicable
						Real-time	5-Minute + Hourly ⁴	2 minutes for 5-minute data; 10 minutes for hourly data	Zonal and Nodal	5-Minute + Hourly ⁴	2 minutes for 5-minute data; 10 minutes for hourly data	Daily				
						Other ³										
NYISO	Website	Yes	Yes	Yes	No	Day-Ahead	Hourly	NA ⁶	Zonal, Generator and Reference Bus	Hourly	NA ⁶	Daily, Monthly, Archive, and Custom Reporting	No	Hour Ahead: Daily, Monthly, Archive, and Custom Reporting	No	Hour Ahead: Yes
						Real-time	5-Minute and Hourly integrated	2 minutes for 5-minute data, approximately 7 minutes for Hourly integrated.	Zonal, Generator and Reference Bus	5-minute and Hourly integrated	2 minutes for 5-minute data, approximately 7 minutes for Hourly integrated.	Daily, Monthly, Archive, and Custom Reporting				
						Other ³	Hour Ahead	approximately 2 minutes	Zonal, Generator and Reference Bus	15 minutes	approximately 2 minutes	Daily, Monthly, Archive, and Custom Reporting				
MISO						Day-Ahead	Day-Ahead	Hourly	following DA approval (typically by 4 pm EST unless otherwise stated)	Nodal	Hourly	following DA approval (typically by 4 pm EST unless otherwise stated)	daily, monthly	not until 2015-2016	No	No
						Real-time	Real-time	5 Minute and Hourly	5 minute, as soon as possible, hourly preliminary posted by 7am EST next day, final Imps within the hour of approval.	Nodal	5 minute and Hourly	daily, monthly				
Current EIS M	Website	Yes	Yes	Yes	Yes	Day-Ahead	N/A						None	None	NA	N/A
						Real-time	Hourly	1 Hour	Nodal	Hourly	approx 2 minutes	hourly, daily				
						Other ³	N/A									
SPP (Marketplace)	Website	Yes	Yes	Yes	Yes	Day-Ahead	Hourly	NA ⁵	Nodal	Hourly	NA ⁵	daily	None	None	NA	N/A
						Real-time	5-minute	approximately 2 minutes, max of 10 minutes	Nodal	5-minute	approximately 2 minutes, max of 10 minutes	TBD				
						Other ³	n/a									

1. OASIS (Open Access Same-Time Information System) is an Internet-based system for obtaining information and services related to electric power transmission implemented at each ISO/RTO in North America

2. Available through the eData system which requires user authentication

3. To be specified.

4. The posted data are referred to as Preliminary Real Time data. Final Real-Time LMPs used for settlement may vary from Preliminary Real Time data.

5. Day-Ahead Prices are all released at one time (approximately 4 p.m.) on the day prior to the dispatch day.

6. Day-Ahead Prices are all released at one time (approximately 10 a.m.) on the day prior to the dispatch day.

7. Day-Ahead Prices are all released at one time (approximately 1 p.m.) on the day prior to the dispatch day.

8. All financially binding prices posted are subject to further review and potential price corrections for settlement purposes. Price Corrections are posted within 5 Calendar Days.

9. Not published internally. Informational use only.