



Markets Gateway Roadmap

As of April 17, 2018

[Markets Gateway](#) allows users to submit information and obtain data needed to conduct business in the Day-Ahead, Regulation and Synchronized Reserve Markets.

Key Product Features

- View Market Results
- Manage Generation and Load Response Portfolios
- Manage Ancillary Service Data
- Manage Market Offers and Transactions

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
ALL added to XML query					◆ Train – 5/15 ◆ Prod – 5/30	■			■			
Order 831 Offer Verif.				◆ Prod – 4/12								

Legend

- Start Date
- ◆ End Date



- This enhancement was installed in Production on 4/5
 - With the implementation of Intraday Offers, and the ability to update offers hourly in Realtime, a method is needed to allow participants to request RT values exceptions in Realtime (after the DA close at 10:30 am).
 - Once this enhancement is implemented, updates can be made beginning at 13:30 (rebid) the day before the operating day, through 21:55 of the operating day, and 65 minutes before the operating hour.
 - RT Exceptions will be for the day (i.e. if updated at 1830 then applies for hrs 0-24 the next day; if updated at 0900, updates also apply for the day). Multiple updates may be made throughout the day

Area	Impact	Action Required
User Interface	Time dependent validation change only	None - optional functionality. Users may continue to use the Parameter Limits > Exceptions tab to submit RT Value Exceptions
Browserless (API)	No XML change	None - optional functionality. Users may continue to use the same XML query as today

- Several participants have requested adding 'ALL' to the following new IDO queries:
 - QueryScheduleUpdate
 - QueryScheduleDetailUpdate
- The new IDO queries currently have the "location" and "schedule" as required attributes, which forces users to query every location/schedule combination in order to obtain a complete set of the data submitted to the market
- Target timeframe – May 15 for TRN, May 30 for PRD
- External Interface Specification Guide, v56 and XSD information is posted on the Markets Gateway Tools page

Area	Impact	Action Required
Browserless (XML API)	New XML Query Option Available for some queries	None - optional functionality. Users may update XML calls for the above queries after the production release.

- On April 2nd, Order 831 – Offer Verification was approved by FERC, with an implementation date 10 days later (April 12)
- Starting with the April 12 Market Day, the **incremental energy offer price cap in Markets Gateway changed to \$1,000/MWh** (from \$2,000/MWh) for **all** schedules (Cost-based, Priced-based, and Price PLS schedules), for both daily and hourly offers (Generator > Schedule > Offer and Generator > Schedule > Offer Details)
- As discussed previously, PJM has implemented a manual process for the verification of all incremental cost-based offers over \$1000, which became effective with the April 12 Market Day
- If you anticipate the need to submit a Cost-based offer over \$1,000 please become familiar with the Offer Screening and Exception Process by reviewing the [Offer Verification Instructions and Guidelines](#) on the [Offer Verification Webpage](#)
 - Participant submits offer curve via Markets Gateway or XML, where all desired segments greater than \$1,000/MWh, are set equal to \$1,000/MWh.
 - Participant fills out template and submits via Sharepoint site
 - PJM evaluates information and communicates segments approved
 - Participant resubmits offer curve via Markets Gateway or XML reflecting the approved segments values

- On April 5th, PJM made some adjustments in Markets Gateway to parameter update times to bring them into alignment with the Intraday Offers Manual 11 language - mainly pertaining to Minrun & Notification time
 - Updates specifying hourly differentiated values may only be submitted starting at 1830 day-ahead
- After the validation rules were corrected, Participants communicated that they had been using the extended timing to enhance operational flexibility, and that they had not been given sufficient notice to update their XML
- In the future:
 - Additional review of Markets Gateway changes will be implemented, with stronger focus on the XML impact to participants
 - PJM will evaluate if Manual 11 should be updated to accommodate some of the situations created by the April 5th changes that may cause undo hardship for participants

- Also after the April 5th Production install, 2 other issues developed:
 1. Participants were receiving an error that they couldn't save data upon trying to update their cost offers
 2. Participants were receiving an error communicating that they couldn't update their MW blocks, although they had not done so
- Both issues were code related, and due to the timing, impacted few participants. Emergency releases were made by our vendor resolving the issues within hours
- PJM is investigating, and will determine how testing practices may be improved by both the vendor and PJM