Manual 11 Biennial Cover to Cover Review Summary of Changes

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Action Required	Deadline	Who May Be Affected
Communicate to Staff about Changes to Manual 11	4/23	Market Buyers, Market Sellers, CSPs

- Grammar, Punctuation, Typo, Syntax Consistency, Term, Reference Updates

- Updated Outdated Hyperlinks and addition of hyperlinks

- Addition of clarifying words and phrases

- Deletion of duplicate material

- Paragraph Spacing

- Remove outdated references to DASR

Section 2

- Added descriptor for Interface Prices at top of section
- Addition that notice of coming online for self scheduled resources is 20 minutes in Real-time only. (2.3.3)
- New paragraph detailing dual fuel offer guidance. (2.3.3.2)
- Clarification that unit specific values applies to Generation Capacity Resources (2.3.4.3)
- Removal of "congestion charges" term. (2.3.4A)
- Removed redundant sentence. (2.3.8)
- Removed reference to retired NSR Opportunity Cost. (2.5.2)
- Section Retired, moved to Manual 28. (2.12)
- Clarification of call-on language (2.14)
- Replacement of "station" with "maximum units online" (2.18.1)
- Clarification of the shortage condition to trigger PAI and Data Miner 2 location of data. (2.19)

Section 4

- Clarification that any resource must be able to provide 0.1MW of reserve capability. (4.2.1)
- Additional language detailing use and duration of this exception request. (4.2.2.1)
- Clarification regarding self-scheduling for energy. (4.2.3)
- Clarification that units for shutdown cost are in $, not $/MWh. (4.2.3)
- Clarification of when reserve information is posted to Markets Gateway. (4.4.3)
- Clarification of flexible reserve posting in Markets Gateway. (4.4.3)
- Clarification that reserve data referenced is from pricing run. (4.4.3)
- Clarification that of action within 30 minutes "of the start of the event" (4.5.1)
- Rewrite of section to clarify assignments, shortfall charges, and penalties. (4.5.2)

Section 5

- Additional language to define PJM InSchedule application (5.2.2)
- Rewrite of section to reflect updated load forecasting process (5.2.3)
- Updated Energy Market Daily graphic to correct rebid period timing (5.2.4)
- Clarification of SPD outputs (5.2.6)
- Updated graphic to reflect name change of PJM EES to PJM ExSchedule (5.2.7)

Section 10

- Update of Reserve definitions (10.2)
- New clarifying sentence on registering locations and removal of reference to DR Hub user guide (10.2.2)
- ~~Addition of data centers to examples of Plug Load (10.2.2)~~ (See next slide)
- Updated footnote references in table (10.4.2)

Section 10.2.2

- As a result of discussion during and following the March MIC, the reference to data centers in Demand Response has been relocated from the Load Reduction Method/Plug Load section (now unchanged) to the Business Segment section as evidenced in the redline below.

○ Business Segment - CSPs shall classify locations according to the location's primary purpose or business use. CSPs should first determine if the location's business use falls under one of the following primary categories: Hospitals, Industrial / Manufacturing, Multiple Dwelling Unit, Office Building, Residential, Retail Service, Correctional Facilities, Data Center, Data Center with Crypto Mining or Schools. In cases where the location does not fit into one of the primary categories the CSP shall select from one of the following categories: Agriculture, Forestry and Fishing, Mining,

○ Load Reduction Method and associated Capability - The CSPs shall provide for each location the load reduction method and the associated load reduction kilowatt capability. Load reduction methods indicate the type of electrical equipment that is controlled to provide the demand response activity and include: Heating, Ventilation and Air Conditioning (HVAC), Lighting, Refrigeration, Manufacturing, Water Heaters, Batteries, Plug Load and Generation.

▪ A Plug Load represents an electronic device that is plugged into a socket, which is not already represented by the methods described above. Examples of Plug Load include IT Peripherals, such as large computers, monitors, printers, routers, copiers and scanners or appliances such as washers, dryers or dishwashers.

	MIC	MRC
First Read	2.5.2025	2.20.2025
Second Read	3.5.2025	3.19.2025
Endorsement	4.2.2025	4.23.2025

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