



PJM Manual 18 & 18B Periodic Review Revisions

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Markets & Reliability Committee
September 21, 2022

- Updates for Periodic Review
 - Deletion of outdated information
 - Corrections/clarifications of existing provision or practice
 - Administrative updates
- Update the process for demonstrating written commitment to must offer requirement for External Generation Resources in Section 4.2.2

Manual 18: PJM Capacity Market, Revision 54

- Deletion of outdated information such as:
 - Unnecessary delivery year references
 - Old product-types and product-type constraints
 - Capacity Import Limits
 - PRD - Expected Peak Load & MESL
 - MOPR provisions of Section 5.14(h) and (h-1) of OATT, Attachment DD
 - Short-term Resource Procurement Target
 - DR Factor
 - Peak Hour Period Availability
 - Peak Season Maintenance Compliance
 - PRD Max Emergency Event Compliance
 - Pre-Five minute settlement content
 - DR Transition Provision



M18 Deletion of Outdated Information

Impacted Section	Subsection(s)
1	1.5
2	2.1.3, 2.2, 2.3, 2.3.4, 2.4.3, 2.4.3A, 2.4.4, 2.4.5
3	3.3.1, 3.3.2, 3.4, 3.5, 3A.1, 3A.2, 3A.3, 3A.4.1, 3A.4.2, 3A.5, 3A.6, 3A.6.2, 3A.6.2A
4	4.1, 4.2.2, 4.2.4, 4.2.5, 4.2.6, 4.3.1, 4.3.3, 4.3.4, 4.3.5, 4.3.7, 4.3.8, 4.3.10, 4.4, 4.4.1, 4.4.2, 4.4.3, 4.5, 4.6.2, 4.6.4, 4.6.5, 4.6.6, 4.6.7, 4.6.8, 4.7.1, 4.7.2, 4.7.2, 4.7.3, 4.8.3, 4.8.4, 4.8.5, 4.9, 4.10
5	5.3, 5.4.1, 5.4.4, 5.4.5, 5.4.8, 5.5, 5.7.1, 5.7.2, 5.7.3, 5.8.1, 5.8.3, 5.8.5, 5.9.1
6	6.1.3
7	7.2.2
8	8.1, 8.2.1, 8.2.2, 8.2.3, 8.3, 8.4, 8.4A, 8.5, 8.6, 8.7, 8.8
9	9.1.1, 9.1.2, 9.1.3, 9.1.5, 9.1.6, 9.1.9, 9.3.1, 9.3.3, 9.4.2, 9.4.4
11	11.1.2, 11.3, 11.4.1, 11.4.7, 11.4.8, 11.8.1, 11.8.3, 11.8.5, 11.8.6, 11.8.7
Attachment A: Glossary of Terms	Deleted Base Offer Segment, DR Factor, Peak Period Capacity Available (PCAP), Peak-Period Equivalent Forced Outage Rate (EFORp), and Target Unforced Capacity (TCAP)

Revision	Impacted Section(s)
Added reference to Section 3.4 for development of VRR Curves	2.4.4, 2.4.5
Added missing OVEC zone to CONE Area 3	3.3.1
Added footnote to clarify the Reliability Requirement value used in UCAP quantity equation for points (a), (b), and (c) of VRR Curve excludes any adjustment for PRD or EE	3.4
Clarified VRR Curve is adjusted rightward for EE addback	3.4
Clarified information to be verified in Resource Confirmation process to reflect current practice in Capacity Exchange system	4.1
Clarified generation resource committed to FRR Capacity Plan must satisfy same qualification requirements as resource offering into RPM Auction	4.2
Moved Prior CIL Exception Resource definition from Section 2.3.4 to this section	4.2.2

Revision	Impacted Section(s)
Clarified load management programs and EE installations are eligible to be committed to FRR Capacity Plan	4.3, 4.4
Updated DR Plan deadline from 15 business prior to 30 days prior	4.3.1, 5.2, 11.4.7, Attachment C: DR Sell Offer Plan
Replaced "annual" product availability with "Capacity Performance"	4.3.10
Added Nominated EE Value Template requirement to reflect current practice	4.4
Clarified UCAP value of CP EE Resource and Summer-Period EE Resource	4.4.2
Updated EE Modification process to reflect current practice	4.4.3
Added Generation Resource Rating Test Failure Charge to list of charges applicable to Seller of Auction Specific MW Transaction	4.6.6

Revision	Impacted Section(s)
Removed Environmentally-Limited Resources from list of resources not subject to Capacity Performance must offer requirement to be in compliance with tariff	4.7.1, 5.7.1, 5.8.1
Added footnote to reference RPM Auction schedule on website for DYs FERC approved a compressed auction schedule	5.2
Added Capacity Performance value when missing	8.2.3
Clarified party/PJM Weighted Average Resource Clearing Price to consider segment-specific RCPs	9.1.3
Clarified LDA Incremental CTR Credit Rate	9.3.4
Changed “product-specific” to “segment-specific” in description of price applicable to Auction Specific MW transaction	9.3.5
Clarified Capacity Exchange tool functionality	10.1

Revision	Impacted Section(s)
Clarified alternative retail LSE is subject to credit requirement as opposed to FRR Entity for alternative retail LSE's Planned Resources	11.1.3
Corrected the treatment of switched load between FRR Entity and RPM LSEs to be in compliance with RAA	11.2.3
Clarified EE Modification submittal process	11.4.9
Clarified the requirement to perform Load Management test	11.8.5
Added footnote to clarify final Shortfall or Bonus MW will be allocated to RPM and FRR if have both RPM and FRR commitments on resource	11.8.7
Clarified definition of DR Mod, EFORd, Effective EFORd, Nominated DR Value, Pool-wide average EFORd, Resource Clearing Price, Weighted Average Resource Clearing Price, and Zonal Capacity Price	Attachment A: Glossary of Terms

- Administrative updates throughout manual
 - Corrected manual or agreement references
 - Consolidated information
 - Deleted duplicative information
 - Updated tool name to Capacity Exchange
 - Corrected grammar and formatting

- Updated process for Capacity Market Seller to demonstrate written commitment to must-offer requirement for an External Resource
 - Current process is to demonstrate commitment via two-party External Resource Must Offer Agreement
 - Proposed process is to demonstrate commitment via Officer Certification Form as opposed to External Resource Must Offer Agreement
- Tariff requires a written commitment and not a two-party agreement
- Update will simplify the external resource qualification process
- Update to M-12 (Balancing Operations Manual) will be needed to delete “External Resource Must Offer Agreement” from Attachment F.

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External Generation Capacity Resource Officer
Certification Form, Red-line

- Updates for Periodic Review
 - Deletion of outdated Delivery Year information
 - Corrections/clarifications of existing provision or practice
 - Administrative updates

Manual 18B: Energy Efficiency Measurement &
Verification, Revision 05

Revision	Impacted Section(s)
Deleted outdated Delivery Year information	1.1, 5.13
Updated tool name to Capacity Exchange	1.3
Updated EE Modification process to reflect current practice	1.3
Added Nominated EE Value Template requirement to reflect current practice	2.2
Clarified the basis for ICAP Owned on EE Resource	5.1.3
Added Capacity Performance Value where missing	Section 5.2.2, 5.2.3, and throughout Section 10
Corrected the definition of equation terms	9.2.3, 9.3.1
Clarified Capacity Performance value may be offered/committed on annual basis and difference between Nominated EE Value and Capacity Performance value may be offered/committed on summer period basis.	10.1

- First Read
 - 8/10/2022 MIC
 - 8/24/2022 MRC

- Endorsement
 - 9/07/2022 MIC
 - 9/21/2022 MRC

- Target effective date: 9/21/2022

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M18 & M18B Revisions



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