

Effective Date	4.23 <u>03.19</u> .2025
Impacted Manual #(s)/Manual Title(s):	
Manual 11 : Energy & Ancillary Services Market Operations Manual 14D : Generator Operational Requirements Manual 18: PJM Capacity Market Manual 28: Operating Agreement Accounting	
Conforming Order(s):	
CIFP-RA Filing: ER24-99-000 & 186 FERC ¶ 61,080	
Associated Issue Tracking Title:	
Committee Approval Path - What committee(s) have already seen these changes?	
MIC First Read: 01.08.2025 OC First Read: 01.09.2025 MIC Endorsement: 02.05.2025 OC Endorsement: 02.06.2025 MRC First Read: 03.19.2025 MRC Endorsement: 04.23.2025	
MRC 1st read date:	03.19 <u>02.20</u> .2025
MRC voting date:	04.23 <u>03.19</u> .2025
Impacted Manual sections:	
M-11 Section: 2.3.3.1 – Capacity Resource Offer Rules M-14D Sections: 7.6 – Generation Operational Testing 7.6.1 – Resource Selection for Testing 7.6.2 – Test Notification 7.6.3 – Test Evaluation Criteria 7.6.4 – Re-test Process M-18 Sections: 8.1 – Overview of Resource Performance Assessments 8.3 – Commitment Level Used in Summer/Winter Capability Tests (through the 2024/2025 Delivery Year) 8.5 – Summer/Winter Capability Testing 8.5.1– Determination of Unit ICAP Shortfall (through the 2024/2025 Delivery Year) 8.5.2 – Determination of Unit ICAP Shortfall (Effective with the 2025/2026 Delivery Year) 8.5A – Generation Operational Testing 9.1.5 – Generation Resource Rating Test Failure Charge 9.1.5A – Generation Operational Test Failure Charge 9.1.7 Allocation of Deficiency and Penalty Charges M-28 Sections:	

5.2 – Credit for Operating Reserve
5.2.1 – Credit for Pool-Scheduled Generating Resources

Reason for change:

Conforming changes to Manual 11, 14D, 18, and 28 for the recently approved FERC filing for the CIFP-RA changes.

Summary of the changes:

Summer/Winter Capability Testing

- Clean up for table of relevant assessments by resource type
- Current calculation for commitment level, Unit ICAP shortfall, and Generation Resource Rating Test Failure Charge sunset with the 2024/2025 Delivery Year
- Updated references to include M-21B
- Updated total daily ICAP commitment level is determined each day effective with the 2025/2026 Delivery Year
- Effective with 25/26, Generation Resource Rating Test Failure Charge is the $DDR \times \text{Provider's Daily ICAP Shortfall}$ converted to UCAP terms using resource's final Accredited UCAP Factor for the Delivery Year.

Generation Operational Testing

- Test applies to Generation Capacity Resources, with the exception of Variable Resources
- Applicable daily committed UCAP MW considers RPM/FRR commitments, differences between energy and capacity market modeling, and multiple owners
- RPM Daily Generation Operational Test Failure Charge is equal to $DDR \times (\text{Applicable Daily Committed UCAP} - \text{Daily RPM Commitment Shortage})$
- FRR Daily Generation Operational Test Failure Charge is equal to $DDR \times \text{Applicable Daily FRR Committed UCAP MW}$
- Generation Capacity Resources are eligible for Operating Reserves for each initial test but are ineligible for a retest following a failed initial test.
- Summer testing season is defined as May through October, and winter testing season is defined as November through April
- PJM may select any committed Generation Capacity Resource, without the requirement to test all committed resources
- Generation Operational Tests are unannounced tests, in which PJM will utilize the offer parameters in the selected schedule to evaluate performance
- The time from resource commitment to unit breaker close must be less than or equal to the (Notification Time plus Start Up Time) plus the greater of 10 minutes or 10% of the Time to Start, and the resource must operate for at least the Minimum Run Time to pass the Generation Operational Test
- Resources that fail the initial test may be subject to a re-test at PJM's discretion, with the same evaluation criteria
- Generation Operational Test Failure Charge will be assessed daily starting with a failed retest and stop once the resource successfully starts and synchronizes to the grid

Dual Fuel Attestation Requirements

- Capacity Market Sellers that provide attestations of dual fuel capability must offer on a primary and alternative fuel during winter months.