

Effective Date	10/01/2025
Impacted Manual #(s)/Manual Title(s):	
Manual-12: Balancing Operations	
Conforming Order(s):	
Docket No. ER24-1772-000	
Associated Issue Tracking Title:	N/A
Committee Approval Path - What committee(s) have already seen these changes?	
<p>The manual will be reviewed at the following committees/subcommittees:</p> <p>SOS</p> <p>OC</p> <p>MRC</p>	
MRC 1st read date:	07/23/2025
MRC voting date:	08/20/2025
Impacted Manual sections:	
<p>Subsections 2.1.1, 2.1.2, 3.1.2, 3.1.3.</p> <p>Sections 4.3 and 4.4.</p>	
Reason for change:	
Regulation Redesign Phase I	
Summary of the changes:	
<ul style="list-style-type: none"> • Subsection 2.1.1 EMS Applications – renamed Area Regulation (AR) to Regulation control • Subsection 2.1.2 PC Applications – updated definition of Performance Score Calculation Engine (PSCE) • Subsection 3.1.2 PJM Control Implementation – Removed RegD mentions, Updated Exhibit 5: Real Time Market Application Process Flow and updated definition of Ancillary Service Optimizer (ASO) • Subsection 3.1.3 PJM Member Control Implementation – Updated Exhibit 6: PJM Member Interface and associated text for Exhibit 6. • Section 4.3 Regulation and Section 4.4 Qualifying Regulation Resources 	

- Updated consistency use of Regulation control signal (RegA)
 - Capitalized Regulation Requirement
 - Updated hour to interval
 - Updated correct numbering of Exhibits
 - Renamed Area Regulation to Regulation; Area Regulation test to Regulation test
 - Removed mentions of RegD
- Subsection 4.3.2 Regulation Signal
 - Renamed section from Regulation Signals to Regulation Signal
 - Renamed: ARegA to Areg, TRegA to Treg, CRegA to Creg
 - Removed: ARegD, TRegD, CRegD
- Subsection 4.3.3 Determining Regulation Assignment
 - Updated Regulation Requirements
- Subsection 4.3.4 Dispatching Regulation
 - Removed Regulation Excess
- Section 4.4 Qualifying Regulation Resources
 - Renamed Area Regulation test to Regulation test
 - Removed mentions of RegD tests
 - Updated changes to the signal path re-test – existing resource owner to set the resource performance score to the re-test qualification score for the exception of changes to the signal path are initiated by PJM or impacts all or a large portion of PJM Regulation fleet.
 - Reduce from 3 to 2 consecutive regulation tests for new qualifying resources
 - Deleted subsection 4.4.3 Certifying Multiple Turbines or Hydro Units at a Single Site
 - Re-numbered existing subsections 4.4.3 through 4.4.8
- Subsection 4.4.4 Disqualification and Re-Qualification of a Regulation Resource
 - Reduce from 3 to 1 regulation test for disqualified resources to qualify back into Regulation market
 - Changed from 100 hours to 200 (30 minute) intervals
- Subsection 4.4.5 Performance Score Calculation
 - Removed Accuracy (Correlation), Delay and Precision scores.
 - Updated formulas for Performance scores.
- Subsection 4.4.9 Regulation De-assignment
 - Added a new subsection 4.4.9 to describe a new rule that self-de-assignment will result in zero score for the remainder of the commitment period.