

Effective Date	July 23,2025
Impacted Manual #(s)/Manual Title(s):	
M-14D: Generator Operational Requirements, Revision 68 (Hybrids Phase III)	
Conforming Order(s):	
FERC Docket #ER25-1095-000	
Associated Issue Tracking Title:	Hybrid Resources Enhancements (Hybrids Phase 3)
Committee Approval Path - What committee(s) have already seen these changes?	
Planned committee reviews/endorsements: SOS: April 30,2025, May 29, 2025 RSCS: May 9, 2025 (Info only) OC: May 8, 2025, June 5, 2025 (Endorsement)	
MRC 1st read date:	June 18, 2025
MRC voting date:	July 23, 2025
Impacted Manual sections:	
Section 4.2 Account Metering Section 8.2.4 Generator Outage Reporting (Aggregate Turbine availability) Section 12.2.4 Generator Outage Reporting Section Section 13.1 Marketing and Classification of Mixed Technology Facilities Attachment D PJM Generating Unit Reactive Capability Curve Specification and Reporting Procedures Attachment E PJM Generator and Synchronous Condenser Reactive Capability Testing	
Reason for change:	
• Hybrids Phase III • Section 4.2 Account Metering ○ Exhibit 7 generalized to include all resource types for Mixed Technology Facilities and Hybrid Resources • Section 8.2.4 Generator Outage Reporting (Aggregate Turbine availability) ○ Updated language to emphasize wind outage reporting for all types of hybrids that include wind as a technology type • Section 12.2.4 Generator Outage Reporting Section ○ Updated language to emphasize solar outage reporting for all types of hybrids that include solar as a technology type • Section 13.1 Marketing and Classification of Mixed Technology Facilities ○ Modified language to broaden eligibility to participate as a Hybrid Resource	

- Clarified classifications of open-loop and closed-loop based on definition changes
 - Updated language and diagram to be inclusive of all eligible resource types for hybrids
 - Updated language to specify when a Mixed Technology Facility has to participate as a Hybrid Resource
 - Noted classification of closed-loop for any Hybrid Resource without storage component
 - Clarified that for all Mixed Technology Facilities participation change notifications must be made no later than six (6) months in advance of its initial start in the energy markets.
- Attachment D PJM Generating Unit Reactive Capability Curve Specification and Reporting Procedures
 - Data Requirements
 - Point 10 and Point 11 removed limiting language of inverter-based and non-inverter-based resources
 - Point 12 clarified language to only refer to Hybrid Resources with a storage component
- Attachment E PJM Generator and Synchronous Condenser Reactive Capability Testing
 - Testing Requirements Summary
 - Updated table to specify testing requirements specific to Hybrid Resources with a storage component