



Executive Summary Manual Changes

Effective Date	April 1, 2023 - Pending FERC approval
Impacted Manual #(s)/Manual Title(s):	
PJM Manual 12: Balancing Operations PJM Manual 14D: Generator Operational Requirements PJM Manual 27: Open Access Transmission Tariff Accounting PJM Manual 36: System Restoration	
Conforming Order(s):	
Associated Issue Tracking Title:	Fuel Requirements for Black Start Resources
Committee Approval Path - What committee(s) have already seen these changes?	
<ul style="list-style-type: none"> • MIC 1st Read – 8/10/2022 • OC 1st Read – 8/11/2022 • MIC Endorsement – 9/7/2022 • OC endorsement – 9/8/2022 	
MRC 1st read date:	September 21, 2022
MRC voting date:	October 24, 2022
Impacted Manual sections:	
<ul style="list-style-type: none"> • M12 <ul style="list-style-type: none"> ○ Section 4.6: Black Start Service • M14D <ul style="list-style-type: none"> ○ Section 7.1.6: Dispatching of Generation – Black Start ○ Section 10.1: Black Start Selection Process ○ Section 10.2: Black Start Incremental RFP Process ○ Section 10.3: Black Start Reliability Backstop Process • M27 <ul style="list-style-type: none"> ○ Section 7.3: Black Start Service Charges • M36 <ul style="list-style-type: none"> ○ Attachment A: Minimum Critical Black Start Requirement 	
Reason for change:	
Develop fuel assurance business rules to mitigate the impact of non-fuel assured Black Start resources being unavailable during a restoration event due to fuel unavailability.	

Summary of the changes:

- M12: Changes to incorporate black start fuel assurance into the PJM black start requirements and obligations, restoration assumptions, definitions, GO commitment, performance standards, testing and training,
- M14D: Changes to incorporate black start fuel assurance into the black start generation procurement process
- M27: Changes to incorporate black start fuel assurance into the black start service charges and accounting
- M36: Changes to add the zonal minimum black start fuel assurance criteria and zonal reliability analysis criteria to the minimum critical black start requirement