



## Executive Summary Manual Changes

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