

## Black Start Unit Involuntary Termination & Substitution Rules

### Issue Source

PJM has identified the following areas in PJM Black Start Service rules need review and additional clarification:

- 1) Testing Requirements for Black Start resources not compensated through Schedule 6A
- 2) Black Start Unit Substitution Rules
- 3) Black Start Termination Rules
- 4) Capital Recovery Factor (CRF) updates
- 5) Minimum Tank Suction Level (MTSL) Oil Carrying Costs

### Issue Content

Work is intended to address specific Open Access Transmission Tariff (Schedule 6A Black Start Service) and PJM Manual language.

### Key Work Activities and Scope

1. Education of current: Black Start testing requirements; Black Start Unit commitment, termination and substitution processes; and Capital Recovery Factors.
2. Update Black Start testing requirements.
3. Update requirements and guidance for Black Start Unit termination and substitution.
4. Update Capital Recovery Factors to align with current tax law and interest rates.
5. Review and endorse governing documents to implement requirements, guidance, and new tax laws as related to Key Work Activities 2, 3 and 4 listed above.
6. Update Minimum Tanks Suction Level recovery calculations.

### Expected Deliverables

1. Updated Tariff language (Schedule 6A Black Start Service)
2. Updated PJM Manual language (M-12; M-10; M-14D)

## Decision-Making Method

Tier 1, consensus (unanimity) on a single proposal.

## Stakeholder Group Assignment

PJM proposes this issue be addressed through the “CBIR Lite” process at the Operating Committee.

## Expected Duration of Work Timeline

It is estimated that this work effort will take two to three months. Implementation of changes needed to governing documents to take an estimated six months following potential Tariff changes.

Start Date	Priority Level	Timing	Meeting Frequency
Click here to enter a date.	<input type="checkbox"/> High <input checked="" type="checkbox"/> Medium <input type="checkbox"/> Low	<input type="checkbox"/> Immediate <input checked="" type="checkbox"/> Near Term <input type="checkbox"/> Far Term	<input type="checkbox"/> Weekly <input checked="" type="checkbox"/> Monthly <input type="checkbox"/> Quarterly

## Charter

(check one box)

<input type="checkbox"/>	This document will serve as the Charter for a new group created by its approval.
<input checked="" type="checkbox"/>	This work will be handled in an existing group with its own Charter (and applicable amendments).

More detail available in M34; Section 6