



Effective Date	June 8, 2018
Impacted Manual #(s)/Manual Title(s):	
Manual M-36 – System Restoration	
Conforming Order(s):	
NERC Standard EOP-005-2	
Associated Issue Tracking Title:	N/A
Committee Approval Path - What committee(s) have already seen these changes?	
System Operating Subcommittee (SOS) Operating Committee (OC)	
MRC 1 <sup>st</sup> read date:	4/19/18
MRC voting date:	5/24/18
Impacted Manual sections:	
Section 6.1.7, Section 7.2.1, Section 8.1, Attachment A, Attachment F, Attachment G, Attachment H	
Reason for change:	
Annual update requirement	
Summary of the changes:	
<ul style="list-style-type: none"> <li>• <b><i>Cover to Cover Annual Periodic Review</i></b></li> <li>• <b><i>Section 6.1.7 – Added clarifying language for “equivalent frequency control systems”</i></b></li> <li>• <b><i>Section 7.2.1 Synchronizing Process Phases – added clarification around use of synchro-check relay based on recommendation from PJM Relay Subcommittee.</i></b></li> </ul>	

- **Section 8.1 – System Restoration Plan Guidelines**
  - **Updated Exhibit 10 Generation Information Template**
  - **Clarifying this table is required in TO restoration plan as an appendix**
  - **Clarification around use of synchro-check relay for synchronizing**
- **Attachment A – Minimum Critical Black Start Requirement**
  - **Clarification around Note for Critical load units**
  - **Clarification on dates for Blackstart RFP process**
  - **Updated fuel storage requirement to 16 hours to match what is in Schedule 6A of OATT**
  - **Clarifying language around preference for dual fuel capability in Black Start RFP process**
- **Attachment F – Transmission Owner and Black Start Supporting Documentation References**
  - **Annual Update**
- **Attachment G – Coordination of Restoration Plan with PJM Internal and External Neighboring Entities – PJM Approval Process for TO Restoration Plans**
  - **Clarifying language around updates to Restoration Plans based on “Cut-In” outage tickets**
- **Attachment H – Under Frequency Load Shed (UFLS) Tables**
  - **Annual Update**