



## Executive Summary Manual Changes

<b>Effective Date</b>	11/17/2021
<b>Impacted Manual #(s)/Manual Title(s):</b>	
Manual-13: Emergency Operations	
<b>Conforming Order(s):</b>	
None	
<b>Associated Issue Tracking Title:</b>	
<b>Committee Approval Path - What committee(s) have already seen these changes?</b>	
The manual will be reviewed at the following committees/subcommittees: SOS OC MRC	
<b>MRC 1<sup>st</sup> read date:</b>	10/20/2021
<b>MRC voting date:</b>	11/17/2021
<b>Impacted Manual sections:</b>	
Sections 2.3.2, 5.5, and 6.4, Exhibit 5 Attachments E and F	
<b>Reason for change:</b>	
<ul style="list-style-type: none"> <li>• Note added for Section 2.3.2 and 5.5 based on NERC February 2021 Cold Weather Grid Operations Preliminary Findings and Recommendations</li> <li>• Updates to Section 6.4 when PJM will request or require units to be bid in Maximum Emergency, this was accidentally deleted from a previous revision</li> <li>• Updated Exhibit 5 for when Resource Limited Units can be bid in Maximum Emergency</li> <li>• Note added for Section 6.4 – Real Time Reporting to address concerns of Fuel or Emissions issues for Winter 2022</li> <li>• Attachment E, F, and N updated with 2021 information</li> </ul>	
<b>Summary of the changes:</b>	

- Section 2.3.2 Real Time Emergency Procedures (Warnings/Actions)
  - Added Note under PJM Member Actions for Step 10 (Real-Time): Manual Load Dump Action to articulate expectations of Member Load shed plans
- Section 5.5 Interconnection Reliability Operating Limits (IROL) Manual Load Dump Warning/Action
  - Added Note under PJM Member Actions to articulate expectations of Member Load shed plans
- Section 6.4 Resource Limiting Reporting
  - Updated the Operation of Resource Limited Units when PJM will request or require units to be bid in Maximum Emergency category
  - Real Time Reporting: PJM may elect to move fuel or emissions limited steam units into Maximum Emergency if the remaining run hours fall below 240 Hours (10 days)
- Updated Exhibit 5 for when Resource Limited Units can be bid in Maximum Emergency
- Attachment E: Manual Load Dump Allocation Tables
  - Updated with 2021 information
- Attachment F: PJM Manual Load Dump Capability
  - Updated with 2021 information