

## **System Operations Subcommittee**

### **PJM Operations Summary**

#### **March 2025 Operations**

#### **March Events:**

**3 Shared Reserve Events**

**7 PCLLRW Events**

**1 High System Voltage Event**

**CPS1: 133.07    CPS2: 80.12%    BAAL: 99.89%**

<sup>1</sup>PJM directly measures the total number of BAAL excursions in minutes compared to the total number of minutes within a month with a target value for this performance goal at 99% on a daily and monthly basis.

NERC rules limit the recovery period to no more than 30 minutes for a single event.

#### **Shared Reserve (3 Events)**

| <b>Effective Start Time</b> | <b>Effective End Time</b> | <b>Message</b>                             | <b>Region</b> |
|-----------------------------|---------------------------|--|---------------|
| 03.25.2025<br>08:27         | 03.25.2025<br>08:39       | PJM provided 44 MW of NPCC Shared Reserves | NPCC          |
| 03.17.2025<br>11:04         | 03.17.2025<br>11:20       | PJM provided 89 MW of NPCC Shared Reserves | NPCC          |
| 03.01.2025<br>17:54         | 03.01.2025<br>18:09       | PJM provided 67 MW of NPCC Shared Reserves | NPCC          |

#### **PCLLRW (7 Events)**

| <b>Effective Start Time</b> | <b>Effective End Time</b> | <b>Message</b>  | <b>Region</b> |
|-----------------------------|---------------------------|---|---------------|
| 03.27.2025<br>06:09         | 03.27.2025<br>08:39       | A Post Contingency Local Load Relief Warning has been issued to maintain HAYSBRCH 138 KV *E03 at 127.0 KV in the AEP for Transmission Contingency Control.<br>Additional Comments: Load -No Generation or Switching available | AEP           |
| 03.24.2025<br>10:33         | 03.24.2025<br>19:32       | A Post Contingency Local Load Relief Warning has been issued to maintain NATRIUM2 138 KV *E13 at 127.0 KV in the AEP for Transmission Contingency Control.<br>Additional Comments: Load -No Generation or Switching available | AEP           |
| 03.20.2025<br>13:31         | 03.20.2025<br>16:43       | A Post Contingency Local Load Relief Warning has been issued to maintain PLEASNTV 203T274 CB at 1434.0 MVA in the DOM for Transmission Contingency Control.<br>Additional Comments: Post Contingency Switching available      | DOM           |
| 03.20.2025<br>13:27         | 03.20.2025<br>13:27       | A Post Contingency Local Load Relief Warning has been issued to maintain PLEASNTV 203T274 CB at 1434.0 MVA in the DOM for Transmission Contingency Control.<br>Additional Comments: Post Contingency Switching available      | DOM           |
| 03.18.2025<br>03:51         | 03.19.2025<br>11:40       | A Post Contingency Local Load Relief Warning has been issued to maintain BUSSEYVI 138 KV BB_2443 at 127.0 KV in the AEP for Transmission Contingency Control.   | AEP           |

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|                     |                     |  |       |
|---------------------|---------------------|--|-------|
|                     |                     | Additional Comments: Load -No Generation or Switching available  |       |
| 03.10.2025<br>18:28 | 03.11.2025<br>04:21 | A Post Contingency Local Load Relief Warning has been issued to maintain ROUNDTOP 115 KV 115KV at 105.8 KV in the FE(ME) for Transmission Contingency Control.<br>Additional Comments: Generation - slow response                | FE-ME |
| 03.07.2025<br>06:33 | 03.07.2025<br>07:36 | A Post Contingency Local Load Relief Warning has been issued to maintain AMDEASTN 115 KV *F02 at 105.8 KV in the FE(ME) for Transmission Contingency Control.<br>Additional Comments: Load -No Generation or Switching available | FE-ME |

#### **High System Voltage (1 Event)**

| <b>Effective Start Time</b> | <b>Effective End Time</b> | <b>Message</b>  | <b>Region</b> |
|-----------------------------|---------------------------|---|---------------|
| 03.30.2025<br>00:01         | 03.30.2025<br>12:00       | <p>A High System Voltage Action has been issued; all companies shall take the following actions on the Bulk Electric System:</p> <ol style="list-style-type: none"><li>1. All switchable capacitors are out of service.</li><li>2. All reactors are in service.</li><li>3. TOs are requested to review and adjust LTC settings as appropriate. All LTC (230 kV and above) and voltage schedule adjustments shall be coordinated with PJM Dispatch.</li><li>4. All SVCs are absorbing reactive power.</li><li>5. Generation Owners shall operate generators at the lower bandwidth of their voltage schedule when possible.</li><li>6. Generation Owners shall communicate with PJM and the TO restrictions to their generator's ability to absorb MVARs if that capability varies from the existing "D" curve.</li></ol> <p>Target: Distribution Companies/Transmission Owners/Generation</p> | RTO           |

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Cold Weather Advisory (0 Events)  
Cold Weather Alert (0 Events)  
Conservative Operation (0 Events)  
Curtailment of Non-Essential Building Load (0 Events)  
Deploy All Resources Action (0 Events)  
Emergency Energy Request (0 Events)  
Emergency Load Mgmt Reduction Action (0 Events)  
Emergency Voluntary Energy Only Demand Response (0 Events)  
Gas Pipeline Contingencies (0 Events)  
Geomagnetic Disturbance Action (0 Events)  
Geomagnetic Disturbance Warning (0 Events)  
HLV Action (0 Events)  
HLV Warning (0 Events)  
Hot Weather Alert (0 Events)  
IROL - Information Only (0 Events)  
Load Shed Directive (0 Events)  
Local Minimum Generation Event (0 Events)  
Low Voltage Alert (0 Events)  
Maintenance Outage Recall (0 Events)  
Manual Load Dump Action (0 Events)  
Manual Load Dump Warning (0 Events)  
Maximum Generation Emergency Action (0 Events)  
Maximum Generation Emergency/Load Management Alert (0 Events)  
Minimum Generation Advisory (0 Events)  
Minimum Generation Alert (0 Events)  
Minimum Generation Emergency Declaration (0 Events)  
Minimum Generation Event (0 Events)  
Non-Market PCLLRW (0 Events)  
Pre-Emergency Load Mgmt Reduction Action (0 Events)  
Primary Reserve Alert (0 Events)  
Primary Reserve Warning (0 Events)  
Special Notice (0 Events)  
Synchronized Reserve (0 Events)  
TLR (0 Events)  
Unit Startup Notification Alert (0 Events)  
Voltage Reduction Action (0 Events)  
Voltage Reduction Alert (0 Events)  
Voltage Reduction Warning and Reduction of NCPL (0 Events)