

## System Operations Subcommittee

### PJM Operations Summary

#### April Operations

#### April Events:

**18 PCLLRW Events**

**3 Non-Market PCLLRW Events**

**2 Synchronized Reserve Events**

**6 High System Voltage Actions**

**2 Shared Reserve Events**

**CPS1: 136.24% CPS2: 85.60% BAAL: 99.82%**

<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.

#### **Synchronized Reserve (2 Events)**

<b>Effective Start Time</b>	<b>Effective End Time</b>	<b>Message</b>	<b>Region</b>
04.30.2021 16:30	04.30.2021 16:42	100% Synchronized Reserve Event has been initiated for the PJM_RTO region for loss of the unit.	PJM-RTO
04.13.2021 16:05	04.13.2021 16:14	100% Synchronized Reserve Event has been initiated for the PJM_RTO region for loss of the unit.	PJM-RTO

#### **Shared Reserve (2 Events)**

<b>Effective Start Time</b>	<b>Effective End Time</b>	<b>Message</b>	<b>Region</b>
04.30.2021 16:34	04.30.2021 16:50	PJM received 470 MW of NPCC reserves	NPCC
04.17.2021 02:50	04.17.2021 03:00	PJM provided 88 MW of NPCC shared reserves	NPCC

#### **High System Voltage (6 Events)**

<b>Effective Start Time</b>	<b>Effective End Time</b>	<b>Message</b>	<b>Region</b>
04.25.2021 02:00	04.25.2021 09:30	A High System Voltage Action has been issued for the Western portion of the PJM RTO.	WESTERN
04.24.2021 01:20	04.24.2021 07:20	A High System Voltage Action has been issued for the Western portion of the PJM RTO.	WESTERN
04.11.2021 23:15	04.12.2021 05:00	A High System Voltage Action has been issued for the PJM RTO.	PJM-RTO
04.10.2021 23:15	04.11.2021 11:15	A High System Voltage Action has been issued for the PJM RTO.	PJM-RTO
04.10.2021 00:25	04.10.2021 08:00	A High System Voltage Action has been issued for the PJM RTO.	PJM-RTO
04.03.2021 23:39	04.05.2021 06:16	A High System Voltage Action has been issued for the Western portion of the PJM RTO.	WESTERN

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##### PCLLRW (18 Events)

<b>Effective Start Time</b>	<b>Effective End Time</b>	<b>Message</b>	<b>Region</b>
04.30.2021 18:21	04.30.2021 19:44	A Post Contingency Local Load Relief Warning has been issued to maintain COLU PL-POINT COL-PO11 at 48.0 MVA in the PL for Transmission Contingency Control. Additional Comments: Post Contingency Switching available	PPL
04.29.2021 13:25	05.01.2021 16:56	A Post Contingency Local Load Relief Warning has been issued to maintain NEWLIBER 138 KV at 127.0 KV in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	AEP
04.29.2021 01:18	04.29.2021 06:31	A Post Contingency Local Load Relief Warning has been issued to maintain SHERWOOD-TRANSCO 91C at 204.0 MVA in the DOM for Transmission Contingency Control. Additional Comments: Post Contingency Generation redispatch available	DOM
04.28.2021 17:49	04.29.2021 15:08	A Post Contingency Local Load Relief Warning has been issued to maintain WEFOSTOR-02WOODVJ TIE at 189 MVA in the AEP for Transmission Contingency Control. Additional Comments: Post Contingency Switching available - open W End Fostoria 138kv CB 'A'	AEP
04.27.2021 16:21	04.27.2021 20:07	A Post Contingency Local Load Relief Warning has been issued to maintain BRAMBLET-POLANDRD 2183A at 1059.0 MVA in the DOM for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	DOM
04.27.2021 16:19	04.27.2021 20:07	A Post Contingency Local Load Relief Warning has been issued to maintain PLEASNTV TX3 XFORMER at 1018.0 MVA in the DOM for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	DOM
04.27.2021 13:23	04.27.2021 20:07	A Post Contingency Local Load Relief Warning has been issued to maintain SHERWOOD-TRANSCO 91C at 195.0 MVA in the DOM for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	DOM
04.27.2021 08:35	04.29.2021 15:52	A Post Contingency Local Load Relief Warning has been issued to maintain CROOKEDC 138 KV at 127.0 KV in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	AEP

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04.20.2021 23:45	04.21.2021 05:09	A Post Contingency Local Load Relief Warning has been issued to maintain SHERWOOD-TRANSCO 91C at 213.0 MVA in the DOM for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	DOM
04.20.2021 10:29	04.20.2021 11:24	A Post Contingency Local Load Relief Warning has been issued to maintain RIVERSIM 138 KV at 127.0 KV in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	AEP
04.20.2021 03:01	04.20.2021 04:45	"A Post Contingency Local Load Relief Warning has been issued to maintain DOM at 228 MVA in the DOM (Dominion) for Transmission Contingency Control. Additional Comments: A Post Contingency Local Load Relief Warning has been issued to maintain TRANSCO - S	DOM
04.19.2021 10:53	04.19.2021 13:50	A Post Contingency Local Load Relief Warning has been issued to maintain JUNEROAD 138 KV at 127.0 KV in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	AEP
04.14.2021 09:10	04.15.2021 21:36	A Post Contingency Local Load Relief Warning has been issued to maintain RIDGEWAY 138 KV at 127.0 KV in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	AEP
04.14.2021 08:53	04.14.2021 09:05	A Post Contingency Local Load Relief Warning has been issued to maintain RIDGEWAY 138 KV at 127.0 KV in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	AEP
04.13.2021 13:32	04.14.2021 07:08	A Post Contingency Local Load Relief Warning has been issued to maintain SHEFFIEL 138 KV at 127.0 KV in the AEP for Transmission Contingency Control. Additional Comments: Post Contingency Switching available	AEP
04.06.2021 14:40	04.06.2021 17:10	A Post Contingency Local Load Relief Warning has been issued to maintain PLEASNTV-ASHBURN 274D at 804.0 MVA in the DOM for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	DOM
04.06.2021 14:24	04.06.2021 17:09	A Post Contingency Local Load Relief Warning has been issued to maintain IDYLWOO4-CLARK4 202A at 586.0 MVA in the DOM for Transmission Contingency Control. Additional Comments: Post Contingency Generation redispatch available	DOM
04.06.2021 13:35	04.06.2021 14:37	A Post Contingency Local Load Relief Warning has been issued to maintain PLEASNTV-ASHBURN 274D at 804.0 MVA in the DOM for Transmission Contingency Control.	DOM

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		Additional Comments: Post Contingency Switching available - closed out too early. re-issuing PCLRW	
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**Non – Market PCLRW (3 Events)**

<b>Effective Start Time</b>	<b>Effective End Time</b>	<b>Message</b>	<b>Region</b>
04.30.2021 10:39	05.01.2021 16:04	A Non-Market Post Contingency Local Load Relief Warn has been issued to maintain ELIZABET-KARGLE TIE at 92.0 MVA in the EKPC for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	EKPC
04.30.2021 10:27	04.30.2021 10:40	A Non-Market Post Contingency Local Load Relief Warn has been issued to maintain ELIZABET-KARGLE TIE at 92.0 MVA in the EKPC for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	EKPC
04.02.2021 05:19	04.09.2021 08:33	A Non-Market Post Contingency Local Load Relief Warn has been issued to maintain SBOUNDRY 69 KV at 63.5 KV in the EKPC for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	EKPC

**Hot Weather Alert (0 Event(s))**

**Manual Load Dump Warning (0 Event(s))**

**Manual Load Dump Event (0 Event(s))**

**HLV Schedule Warning (0 Event(s))**

**HLV Schedule Action (0 Event(s))**

**Primary Reserve Warning (0 Event(s))**

**Voltage Reduction Warning (0 Event(s))**

**Voltage Reduction (0 Event(s))**

**Emergency Energy Request (0 Event(s))**

**Max Emergency Gen Alert (0 Event(s))**

**Max Emergency Generation (0 Event(s))**

**Min Gen Alert (0 Event(s))**

**Min Gen Declaration (0 Event(s))**

**Local Min Generation Event (0 Event(s))**

**Cold Weather Alert (0 Event(s))**