

**System Operations Subcommittee**

**PJM Operations Summary**

**June Operations**

**There were 21 PCLLRWs and 0 High System Voltage events in June**

**CPS1: % BAAL: %<sup>1</sup> CPS2: %**

<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.

**Spinning** (0 Events)

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

**Emergency Procedure Event** (0 Events)

**Manual Load Dump Warning** (0 Events)

**HLV Schedule Warning** (1 Events)

**HLV Schedule Action** (0 Events)

**Hot Weather Alert** (3 Events)

06.25.2019 07:43	06.29.2019 21:45	A Hot Weather Alert has been issued from 07:00 on 06.29.2019 through 21:45 on 06.29.2019 Per M-13, members are expected to perform: TRANSMISSION/GEN DISPATCH review plans to determine if any maintenance/testing, scheduled/being performed, on any monitoring, control, transmission/generating equipment can be deferred/canceled. GEN DISPATCHERS: -Review & update unit parameters in Markets Gateway (MG) through the Hot Weather Alert period paying particular attention to accurate Start-up & Notification, Min/Max Run Time, Eco Min/Max and Emergency Min/Max info. -Submit alternate fuel capability & alternate fuel restrictions via MG. -Review fuel supply/delivery schedules in anticipation of greater than normal operation of units. -Provide PJM with estimate of time needed to return any unit on a Planned Outage. This 'Early Return Time' should be updated in eDART & will not affect the Planned	MIDATL, SOUTHERN
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		<p>Outage est. end date. -Dual fuel units, confirm the equipment is functional &amp; amount of alternate fuel available. - Update PLS schedule parameters as indicated in Manual 11 Section 2.3.4. Additional Comments: Forecasted High Temp/THI- 92/81</p>	
<p>06.25.2019 07:39</p>	<p>06.28.2019 23:57</p>	<p>A Hot Weather Alert has been issued from 07:00 on 06.28.2019 through 23:43 on 06.28.2019 Per M-13, members are expected to perform: TRANSMISSION/GEN DISPATCH review plans to determine if any maintenance/testing, scheduled/being performed, on any monitoring, control, transmission/generating equipment can be deferred/canceled. GEN DISPATCHERS: -Review &amp; update unit parameters in Markets Gateway (MG) through the Hot Weather Alert period paying particular attention to accurate Start-up &amp; Notification, Min/Max Run Time, Eco Min/Max and Emergency Min/Max info. -Submit alternate fuel capability &amp; alternate fuel restrictions via MG. -Review fuel supply/delivery schedules in anticipation of greater than normal operation of units. -Provide PJM with estimate of time needed to return any unit on a Planned Outage. This 'Early Return Time' should be updated in eDART &amp; will not affect the Planned Outage est. end date. -Dual fuel units, confirm the equipment is functional &amp; amount of alternate fuel available. - Update PLS schedule parameters as indicated in Manual 11 Section 2.3.4. Additional Comments: Forecasted High Temp/THI- 92/81</p>	<p>MIDATL, SOUTHERN</p>

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06.25.2019 07:38	06.27.2019 22:31	A Hot Weather Alert has been issued from 07:00 on 06.27.2019 through 22:00 on 06.27.2019 Per M-13, members are expected to perform: TRANSMISSION/GEN DISPATCH review plans to determine if any maintenance/testing, scheduled/being performed, on any monitoring, control, transmission/generating equipment can be deferred/canceled. GEN DISPATCHERS: -Review & update unit parameters in Markets Gateway (MG) through the Hot Weather Alert period paying particular attention to accurate Start-up & Notification, Min/Max Run Time, Eco Min/Max and Emergency Min/Max info. -Submit alternate fuel capability & alternate fuel restrictions via MG. -Review fuel supply/delivery schedules in anticipation of greater than normal operation of units. -Provide PJM with estimate of time needed to return any unit on a Planned Outage. This 'Early Return Time' should be updated in eDART & will not affect the Planned Outage est. end date. -Dual fuel units, confirm the equipment is functional & amount of alternate fuel available. - Update PLS schedule parameters as indicated in Manual 11 Section 2.3.4. Additional Comments: Forecasted High Temp/THI- 92/81	MIDATL, SOUTHERN
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**Cold Weather Alert**(0 Event)

**Primary Reserve Warning** (0 Events)

**Voltage Reduction Warning** (0 Events)

**Voltage Reduction** (0 Events)

**Emergency Energy Request** (0 Events)

**Max Emergency Gen Alert** (0 Events)

**Max Emergency Generation** (0 Events)

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

**Shared Reserve** (5 Events)

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06.29.2019 17:38	06.29.2019 18:04	-117 MW with NYISO - Regulation	ISONE
06.19.2019 23:34	06.20.2019 00:15	-67 MW with NYISO - Regulation	ISONE
06.18.2019 00:17	06.18.2019 00:18	-67 MW with NYISO - Regulation	ISONE
06.17.2019 23:56	06.18.2019 00:18	-67 MW with NYISO - Regulation	NYISO

**Min Gen Alert** (0 Events)

**Min Gen Declaration** (0 Events)

**PCLLRW** (17 Events)

06.30.2019 22:18	07.01.2019 03:22	A Post Contingency Local Load Relief Warning has been issued to maintain 15518 -132 GARD 15518 2 at 182 MVA in the COMED for Transmission Contingency Control. Additional Comments: Post Contingency Switching available	COMED
06.30.2019 12:59	06.30.2019 13:10	A Post Contingency Local Load Relief Warning has been issued to maintain CLAYVILL 69 KV at 63.5 KV in the EKPC for Transmission Contingency Control. Additional Comments: Load - No Generation or Switching available	EKPC
06.29.2019 12:43	06.30.2019 07:50	A Post Contingency Local Load Relief Warning has been issued to maintain CLAYVILL 69 KV at 63.5 KV in the EKPC for Transmission Contingency Control. Additional Comments: Load -	EKPC

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		No Generation or Switching available - Post Cont caps available	
06.30.2019 12:59	06.30.2019 13:10	A Post Contingency Local Load Relief Warning has been issued to maintain CLAYVILL 69 KV at 63.5 KV in the EKPC for Transmission Contingency Control. Additional Comments: Post Contingency Switching available - 69 kv cap at New Castle can not be put in pre-contingency	EKPC
06.26.2019 17:56	06.29.2019 01:45	A Post Contingency Local Load Relief Warning has been issued to maintain CLAYVILL 69 KV at 63.5 KV in the EKPC for Transmission Contingency Control. Additional Comments: Post Contingency Switching available - 69 kv cap at New Castle clears issue. Pre-contingency voltage too high at this time.	EKPC
06.25.2019 18:41	06.25.2019 20:44	A Post Contingency Local Load Relief Warning has been issued to maintain CLAYVILL 69 KV at 63.5 KV in the EKPC for Transmission Contingency Control. Additional Comments: Post Contingency Switching available - 69 kv cap at New Castle clears issue. Pre-contingency voltage too high at this time.	EKPC
06.25.2019 11:33	06.25.2019 18:00	A Post Contingency Local Load Relief Warning has been issued to maintain CHESTNAE-MOSSMILL 0796-2 at 97.0 MVA in the AE for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	AE
06.18.2019 12:58	06.18.2019 15:27	A Post Contingency Local Load Relief Warning has been issued to maintain HAVILAND 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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06.10.2019 06:16	06.14.2019 16:02	A Post Contingency Local Load Relief Warning has been issued to maintain STURGIS 69 KV at 63.5 KV in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available post contingency.	AEP
06.09.2019 16:07	06.09.2019 16:50	A Post Contingency Local Load Relief Warning has been issued to maintain PPPINE 138 KV at 127.0 KV in the FE(ATSI) for Transmission Contingency Control. Additional Comments: Load - No Generation or Switching available	FE-ATSI
06.06.2019 12:14	06.06.2019 20:11	A Post Contingency Local Load Relief Warning has been issued to maintain ESSEX1 138 KV at 127.0 KV in the FE(ATSI) for Transmission Contingency Control. Additional Comments: Post Contingency Switching available	FE-PN
06.05.2019 10:42	06.05.2019 21:57	A Post Contingency Local Load Relief Warning has been issued to maintain NELSON_C 138 KV at 127.7 KV in the EKPC for Transmission Contingency Control. Additional Comments: Post Contingency Switching available	EKPC
06.05.2019 06:23	06.09.2019 16:27	A Post Contingency Local Load Relief Warning has been issued to maintain NELSON_C 138 KV at 127.7 KV in the EKPC for Transmission Contingency Control. Additional Comments: Post Contingency Switching available	AEP
06.04.2019 07:43	05.22.2019 20:58	A Post Contingency Local Load Relief Warning has been issued to maintain SUMSHADE 161 KV at 148.9 KV in the EKPC for Transmission Contingency Control. Additional Comments: Load - No Generation or Switching available	AEP
06.03.2019 08:40	06.03.2019 18:06	A Post Contingency Local Load Relief Warning has been issued to maintain STURGIS 69 KV at 63.5 KV in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	AEP

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06.03.2019 07:24	06.03.2019 07:41	A Post Contingency Local Load Relief Warning has been issued to maintain STURGIS 69 KV at 63.5 KV in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	AEP
06.01.2019 13:27	06.01.2019 20:24	A Post Contingency Local Load Relief Warning has been issued to maintain BMF 138 KV at 127.0 KV in the FE(ATSI) for Transmission Contingency Control. Additional Comments: Post Contingency Switching available	DEOK

**Non-Market PCLLRW** (4 Events)

06.25.2019 17:40	06.25.2019 20:42	A Non-Market Post Contingency Local Load Relief Warn has been issued to maintain REDBUD 138 KV at 127.0 KV in the FE(APS) for Transmission Contingency Control. Additional Comments: BES 2 Facility	APS
06.17.2019 09:55	06.17.2019 20:49	A Non-Market Post Contingency Local Load Relief Warn has been issued to maintain JAY 138 KV at 127.0 KV in the AEP for Transmission Contingency Control. Additional Comments: Post Contingency Switching available	AEP
06.12.2019 14:50	06.12.2019 15:42	A Non-Market Post Contingency Local Load Relief Warn has been issued to maintain GAVINAEP 138 KV at 127.0 KV in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	AEP
06.05.2019 14:21	06.05.2019 17:51	A Non-Market Post Contingency Local Load Relief Warn has been issued to maintain FORD 138 KV at 127.0 KV in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	AEP

**High System Voltage Alerts** (0 Events)