

System Operations Subcommittee
PJM Operations Summary
August 2016 Operations – Partial

There were 16 PCLLRWs and 0 High System Voltage events in August

Spinning (0 Events)

High System Voltage Action (0 Events)

Manual Load Dump Warning (0 Events)

HLV Schedule Warning (0 Events)

HLV Schedule Action (0 Events)

Hot/Cold Weather Alert (5 Events)

08/15/16 08:21	8/16/2016 23:42	<p>- MIDATL-Region, DOM-Control Area A Hot Weather Alert has been issued from 06:00 on 08.16.2016 through 23:42 on 08.16.2016 Per M-13, members are expected to perform the following actions: TRANSMISSION/GEN DISPATCHERS review plans to determine if any maintenance/testing, scheduled/being performed, on any monitoring, control, transmission/generating equipment can be deferred/canceled. GENERATION DISPATCHERS: -- Review & update unit parameters in Markets Gateway 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 information. -- Submit alternate fuel capability & alternate fuel restrictions via Markets Gateway. -- 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 via eDART & will not affect the Planned Outage est. end date. -- For dual fuel units, confirm the equipment is functional & amount of alternate fuel available. Additional Comments: Forecasted Temp - 94 Forecasted THI - 84</p>
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8/12/2016 10:07	8/15/2016 22:57	<p>- MIDATL-Region, DOM-Control Area A Hot Weather Alert has been issued from 06:00 on 08.15.2016 through 22:57 on 08.15.2016 Per M-13, members are expected to perform the following actions: TRANSMISSION/GEN DISPATCHERS review plans to determine if any maintenance/testing, scheduled/being performed, on any monitoring, control, transmission/generating equipment can be deferred/canceled. GENERATION DISPATCHERS: -- Review & update unit parameters in Markets Gateway 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 information. -- Submit alternate fuel capability & alternate fuel restrictions via Markets Gateway. -- 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 via eDART & will not affect the Planned Outage est. end date. -- For dual fuel units, confirm the equipment is functional & amount of alternate fuel available.</p>
8/12/2016 10:06	8/14/2016 23:13	<p>- MIDATL-Region A Hot Weather Alert has been issued from 06:00 on 08.14.2016 through 23:00 on 08.14.2016 Per M-13, members are expected to perform the following actions: TRANSMISSION/GEN DISPATCHERS review plans to determine if any maintenance/testing, scheduled/being performed, on any monitoring, control, transmission/generating equipment can be deferred/canceled. GENERATION DISPATCHERS: -- Review & update unit parameters in Markets Gateway 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 information. -- Submit alternate fuel capability & alternate fuel restrictions via Markets Gateway. -- 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 via eDART & will not affect the Planned Outage est. end date. -- For dual fuel units, confirm the equipment is functional & amount of alternate fuel available.</p>

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<p>8/10/2016 9:12</p>	<p>8/14/2016 1:59</p>	<p>- MIDATL-Region A Hot Weather Alert has been issued from 06:00 on 08.13.2016 through 01:59 on 08.14.2016 Per M-13, members are expected to perform the following actions: TRANSMISSION/GEN DISPATCHERS review plans to determine if any maintenance/testing, scheduled/being performed, on any monitoring, control, transmission/generating equipment can be deferred/canceled. GENERATION DISPATCHERS: -- Review & update unit parameters in Markets Gateway 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 information. -- Submit alternate fuel capability & alternate fuel restrictions via Markets Gateway. -- 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 via eDART & will not affect the Planned Outage est. end date. -- For dual fuel units, confirm the equipment is functional & amount of alternate fuel available.</p>
<p>8/10/2016 9:09</p>	<p>8/13/2016 6:34</p>	<p>- MIDATL-Region A Hot Weather Alert has been issued from 06:00 on 08.12.2016 through 23:00 on 08.12.2016 Per M-13, members are expected to perform the following actions: TRANSMISSION/GEN DISPATCHERS review plans to determine if any maintenance/testing, scheduled/being performed, on any monitoring, control, transmission/generating equipment can be deferred/canceled. GENERATION DISPATCHERS: -- Review & update unit parameters in Markets Gateway 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 information. -- Submit alternate fuel capability & alternate fuel restrictions via Markets Gateway. -- 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 via eDART & will not affect the Planned Outage est. end date. -- For dual fuel units, confirm the equipment is functional & amount of alternate fuel available.</p>

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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)

Shared Reserve (1 Events)

08/11/16 10:02	8/11/2016 10:15	-124 MW with NYISO - Millstone 2 - Regulation
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Min Gen Alert (1 events)

08/22/16 21:42	8/23/2016 6:11	A Minimum Generation Alert has been issued for the Midnight of 08.23.2016 Expected generation level is within 854 MW of normal minimum energy limits.
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Emergency Procedure (0 Events)

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PCLLRW (16 Events)

8/4/2016 12:23	8/4/2016 13:03	- A PCLLRW has been issued to maintain AVERY 138 KV at 127 KV in the ATSI for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available
8/4/2016 16:29	8/4/2016 20:55	- A PCLLRW has been issued to maintain COLLEGEC-COLLINSV TIE at 167 MVA in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available
8/5/2016 12:23	8/5/2016 13:26	- A PCLLRW has been issued to maintain COLLEGEC-COLLINSV TIE at 167 MVA in the DEOK for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available
8/5/2016 13:29	8/5/2016 16:04	- A PCLLRW has been issued to maintain COLLEGEC-COLLINSV TIE at 167 MVA in the DEOK for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available
8/11/2016 13:04	8/11/2016 14:35	- A PCLLRW has been issued to maintain BASINRD-WESTDPL 6804 at 78 MVA in the DPL (Delmarva) for Transmission Contingency Control. Additional Comments: Generation - slow response
8/11/2016 14:44	8/11/2016 15:25	- A PCLLRW has been issued to maintain SMILLERS-BUCKHRN at 185 MVA in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available

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8/11/2016 15:01	8/11/2016 18:11	- A PCLLRW has been issued to maintain KAMMER2-WBELLA12 at 296 MVA in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available
8/12/2016 12:53	8/12/2016 21:30	- A PCLLRW has been issued to maintain KAMMER2-WBELLA12 at 296 MVA in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available
8/12/2016 13:02	8/12/2016 14:26	- A PCLLRW has been issued to maintain JACKSONS XF3 XFORMER at 289 MVA in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available
8/13/2016 16:06	8/13/2016 16:55	- A PCLLRW has been issued to maintain SOWEGODP-INDEPHIL 183C at 184 MVA in the Dominion for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available
8/14/2016 15:21	8/14/2016 16:13	- A PCLLRW has been issued to maintain CHURCH-NEWMERED 6704-1 at 93 MVA in the DPL (Delmarva) for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available
8/15/2016 13:39	8/15/2016 17:41	- A PCLLRW has been issued to maintain CNTRLHAR 138 KV at 127 KV in the EKPC for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available
8/17/2016 12:50	8/17/2016 15:35	- A PCLLRW has been issued to maintain DOWNGAVE 115 KV at 106 KV in the PN for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available

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8/20/2016 21:25	8/21/2016 1:48	- A PCLLRW has been issued to maintain ONTARIO-SEARSTOW 0775-2 at 104 MVA in the AE (Atlantic Elec) for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available
8/22/2016 10:50	8/22/2016 11:02	- A PCLLRW has been issued to maintain CHURCH-NEWMERED 6704-1 at 93 MVA in the DPL (Delmarva) for Transmission Contingency Control. Additional Comments: Generation - called late
08/22/16 15:38	8/22/2016 17:03	- A PCLLRW has been issued to maintain DOMINION 115 KV at 105 KV in the Dominion for Transmission Contingency Control. Additional Comments: Post Contingency Switching available

Non-PCLLRW (29 events)

8/1/2016 11:28	8/1/2016 11:49	- A PCLLRW has been issued to maintain RIDGEWAY 138 KV at 127 KV in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available
8/2/2016 10:33	8/2/2016 20:20	- A PCLLRW has been issued to maintain HIGHLND2-MARTIDPL HIG-09M1 at 68 MVA in the DAYTON for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available
8/3/2016 10:06	8/3/2016 16:11	- A PCLLRW has been issued to maintain SNOW 69 KV at 61.5 KV in the EKPC for Transmission Contingency Control. Additional Comments: Pre contingency voltage is too high. Caps available post contingency if needed.

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8/3/2016 14:23	8/3/2016 20:09	- A PCLLRW has been issued to maintain MOTTVILL 138 KV at 127 KV in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available
8/3/2016 15:26	8/3/2016 17:31	- A PCLLRW has been issued to maintain DELAWAIM-WESDEL at 167 MVA in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available
8/4/2016 11:52	8/6/2016 5:39	- A PCLLRW has been issued to maintain MOTTVILL 138 KV at 127 KV in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available
8/4/2016 13:49	8/4/2016 20:56	- A PCLLRW has been issued to maintain EELKHART-MOTTVTAP at 185 MVA in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available
8/4/2016 14:17	8/4/2016 14:53	- A PCLLRW has been issued to maintain HUNTINGT-SORENSEN at 138 MVA in the AEP for Transmission Contingency Control. Additional Comments: BES 2 Facility
8/4/2016 16:55	8/4/2016 20:55	- A PCLLRW has been issued to maintain HIGHLND2-MARTIDPL HIG-09M1 at 68 MVA in the DAYTON for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available
8/9/2016 15:33	8/10/2016 4:34	- A PCLLRW has been issued to maintain HIGHLND2-MARTIDPL HIG-09M1 at 68 MVA in the DAYTON for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available

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8/9/2016 17:32	8/10/2016 4:34	- A PCLLRW has been issued to maintain COREY 138 KV at 127 KV in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available
8/10/2016 12:37	8/10/2016 23:43	- A PCLLRW has been issued to maintain BUCKHRN-WCOSHOC at 192 MVA in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available
8/10/2016 14:23	8/10/2016 23:44	- A PCLLRW has been issued to maintain EELKHART-MOTTVTAP at 185 MVA in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available
8/10/2016 15:43	8/10/2016 23:44	- A PCLLRW has been issued to maintain MOTTVTAP 138 KV at 127 KV in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available
8/10/2016 17:42	8/10/2016 19:34	- A PCLLRW has been issued to maintain JENNYWLJ 69 KV at 61.5 KV in the EKPC for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available
8/11/2016 9:28	8/12/2016 0:09	- A PCLLRW has been issued to maintain JIMBRANC 138 KV at 127 KV in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available
8/11/2016 9:28	8/12/2016 0:09	- A PCLLRW has been issued to maintain EHUNTING 138 KV at 127 KV in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available

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8/11/2016 10:51	8/12/2016 0:09	- A PCLLRW has been issued to maintain MOTTVTAP 138 KV at 127 KV in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available
8/11/2016 11:25	8/11/2016 12:38	- A PCLLRW has been issued to maintain GOULDST-WESTPORT 33851 at 31 MVA in the BGE for Transmission Contingency Control. Additional Comments: Post Contingency Generation redispatch available
8/11/2016 13:21	8/11/2016 18:12	- A PCLLRW has been issued to maintain BUCKHRN-WCOSHOC at 192 MVA in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available
8/12/2016 10:45	8/12/2016 17:23	- A PCLLRW has been issued to maintain MOTTVTAP 138 KV at 127 KV in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available
8/12/2016 11:31	8/12/2016 12:26	- A PCLLRW has been issued to maintain DELAWAIM-WESDEL at 173 MVA in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available
8/12/2016 12:52	8/12/2016 18:10	- A PCLLRW has been issued to maintain BUCKHRN-WCOSHOC at 185 MVA in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available

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8/12/2016 13:03	8/12/2016 14:26	- A PCLLRW has been issued to maintain BROADFO2-SMYTH at 251 MVA in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available
8/12/2016 13:10	8/12/2016 23:32	- A PCLLRW has been issued to maintain HIGHLND2-MARTIDPL HIG-09M1 at 68 MVA in the DAYTON for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available
8/13/2016 12:42	8/13/2016 17:10	- A PCLLRW has been issued to maintain BUCKHRN-WCOSHOC at 185 MVA in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available
8/16/2016 12:53	8/17/2016 22:37	- A PCLLRW has been issued to maintain EHUNTING 138 KV at 127 KV in the AEP for Transmission Contingency Control. Additional Comments: BES 2 Facility
8/19/2016 13:08	8/19/2016 18:50	- A PCLLRW has been issued to maintain DELAWAIM-WESDEL at 173 MVA in the AEP for Transmission Contingency Control. Additional Comments: Post Contingency Switching available
8/23/2016 9:51	8/24/2016 2:20	- A PCLLRW has been issued to maintain COBURG 69 KV at 61.5 KV in the EKPC for Transmission Contingency Control. Additional Comments: Post Contingency Switching available