
Xcel Energy North Control Center Daily Operations Report

Date: 6/22/2010

Out Time: In Time:
(Begin:) (End:)

- 2:42** Alma (DPC)-Lake City 69KV line tripped and stayed out.
- At 0320, opened Wabasha 4H48 69KV SW and closed Lake City 4H36 69KV BKR restoring service to Wabasha after 38 minute outage.
- At 0403, opened Nelson 4E253 69KV SW and DPC closed Alma 4NB11 69KV BKR restoring service to Alma, Nelson and Pepin after 1 hour 21 minute outage. DPC Gilmanton remains out.
- Cause of trip: Tree on line between Gilmanton and Nelson.
- 4:42 23:08** Black Dog 5M260 and 5M262 115KV OCB's open to split ring bus per operating procedure.
- 5:26 14:55** Gilmanton(DPC)-Nelson 69KV line section out to remove tree from line.
- 7:15 10:02** Black Oak-Paynesville 69KV line on non-reclose for GRE maintenance.
- 7:17 12:35** Paynesville 97/87BT3P 115KV relay switch off for maintenance.
- 7:39 19:24** Maple River(MPC)-Sheyenne 230KV line TN PR, TN TT relaying and Sheyenne 97P relay switch off for maintenance.
- 7:57 14:17** Battle Creek-North Star Steel-Red Rock 1 115KV line TN PR, TN TT relaying and Red Rock 1 97P relays switch off for maintenance.
- 8:20 9:57** Franklin 97/67G 69KV relay switch off for maintenance.
- 8:31 14:46** London-Madison Street 69KV line on non-reclose for hot line work.
- 9:54 12:01** Stone Lake 345/161KV TR9 out to add oil to bushings.
- 9:58 11:08** Franklin 97/21BU 69KV relay switch off for maintenance.

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- 12:10 Lacrosse-Onalaska 69KV line section, out since 6/21/2010 to replace structure 54 and insulator replacement, returned to service
- 12:35 14:50 Paynesville 97/87BT3S 115KV relay switch off for maintenance.
- 12:44 Fort Ridgely 115KV cap 1, held out since 06/14/10 to investigate 86 lockout, returned to service.
- 13:48 Terminal 5M19 115KV BKR out to add gas.
- 14:00 18:00 Energy Controlled Interruptibles interrupted.
- 15:02 Roseau-Moranville 230KV line TN TT, off since 06/19/10 due circuit trouble, returned to service.
- 16:17 17:56 Aldrich 5M416 and 5M417 115KV BKR's open for 115/13.8KV TR2 maintenance.
- 17:16 Black Oak 69KV Cap 1 and 2, out since 06/21/10 for construction, returned to service.
- 19:49 Ramsey-Rose Place 115KV line tripped and reclosed auto.
Momentary outage to: Rose Place TR2 and Ramsey TR2.
Cause of trip: Ramsey 71 feeder regulator failed.
- 20:48 Blue Lake-Hyland Lake-Scott County 115KV line TN PR and TN TT relaying off due to circuit trouble.
- 21:06 Edina-Nine Mile Creek 115KV line TN SC and TN TT relaying off due to circuit trouble.
- 21:14 West Waconia-St Bonifacius 115KV line CR TT relaying off for circuit trouble.