
Xcel Energy North Control Center Daily Operations Report

Date: 6/17/2010

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

- 0:12** Pine Lake 161KV line to East Baldwin substation energized for the first time
- 0:50** Pilot Knob (GRE) 5P139 115KV MOD established as new temporary N.O. This transferred the Egan (GRE) load to the Rogers Lake source to relieve the Black Dog- Pilot Knob 115KV line contingent overload.
- 1:01** Crystal Cave-Pine Lake-East Baldwin 161KV line placed in-service for the first time.
- 1:52** **13:11** Crystal Cave 161/115KV TR1 switched out to repair leaking bushing.
- 7:19** **12:04** St. Bonifacious 115KV auto sectionalizing off for GRE maintenance.
- 7:22** **17:11** Rock Elm(DPC) 44NB2 69KV breaker open for area protection.
- 7:24** **13:57** Fifth Street-Riverside 115KV line TN PR and TN TT relaying off for maintenance.
- 7:38** **13:29** Eagle Lake-Wilmarth 69KV line out for maintenance.
- 7:44** **11:26** Franklin 4N108 69KV BKR out for relay maintenance.
- 8:03** **10:04** Inver Hills TR1 115KV MOD out for plant maintenance.
- 8:40** Paynesville 5N116 115KV breaker, out since 6/16/10 for maintenance and testing, returned to service.
- 8:41** Paynesville 115KV CAP1 and CAP2 out for maintenance.
- 9:00** **14:27** MISO/XCEL has issued a NERC TLR level 3A on the Minnesota Wisconsin Export Interface (MWEX), flowgate 6193.

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- 9:08 9:09** Brunsdale (MPC)-Prairie 69KV line tripped and Prairie 4G8 reclosed auto.
- At 0909 Brunsdale 2560 69KV BKR closed by MPC.
- Momentary outage to Thompson, Reynolds, Cummings, Mayville (MPC), Mayville, Hatton, Hillsboro (Muni), Trail County (HIL Muni) and Hatton.
- Cause: Lightening reported by MPC.
- 9:21 13:28** Traverse (GRE) 39NB1 69KV BKR and Cleveland 4S100 69KV BKR open for area protection.
- 9:32 9:44** Spokesville 4E237 69KV BKR opened for DPC switching.
- 9:58 15:57** Edina 5M159 115KV BKR open for maintenance.
- 10:01 10:45** Waconia 11 N.O. 69KV MOD closed and 69KV auto sectionalizing off for GRE maintenance.
- 10:04 13:06** Inver Hills TR2 115KV MOD out for plant maintenance.
- 10:42 13:15** Zumbrota 4H14 and 4H15 69KV BKR test tripped by relay maintenance.
- 10:48 11:24** Delano 4M75 N.O. 69KV MOD closed and 69KV auto transfer off for GRE maintenance.
- 10:55 11:11** St. Bonifacious 4M25 69KV BKR opened and closed manually by GRE tech. Waconia 9 and 11 69KV MODs auto transferred.
- Momentary outage to Waconia.
- Cause: Inadvertant breaker operation.
- 11:25 11:46** Mound 69KV auto sectionalizing off for GRE maintenance.
- 11:34** Apple River (DPC) 18QB4 and 18QB5 161KV BKR's closed, this returns Apple River-Pine Lake-East Baldwin 161KV line to normal.

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- 12:19 Aldrich 115KV Cap Bank 1, out since 6/15/10 to install reactor surge protection, released.
- 12:22 17:46 Aldrich 115KV Cap Bank 2 out to install reactor surge protection.
- 12:37 13:33 Maple River 5F1 115KV BKR out for relay maintenance.
- 12:45 Industrial Park (GRE)-St Cloud/Wakefield tap 115KV line, out since 6/16/10 for GRE maintenance, returned to service.
- 13:34 13:58 Maple River 5F2 115KV BKR out for relay maintenance.
- 14:20 16:33 Glendale 4M8 69KV BKR open for area protection.
- 15:23 15:30 Spokesville 4E237 69KV BKR opened for DPC switching.
- 16:30 (GRE) Burnsville-Riverwood 115KV line, out since 6/16/10 for maintenance, returned to service.
- 17:51 DPC N.O. N48Y2 closed since 9/11/2009 for East Baldwin substation
- 18:00 Clear Lake Substation 4A55 opened since 9/11/2009 for East Baldwin substation work returned to closed position
- 19:45 West Owatonna 4S76 69KV BKR tripped and stayed out.
- Outage to Co-op Pratt, ALTW Steel Center, Co-op Bixby tap, Co-op Riverpoint and Co-op Bixby. No Xcel load.
- Cause: Storm in the area.
- 20:57 Byron-Pleasant Valley (GRE) 345KV line tripped and Byron 8S16 345KV BKR reclosed auto. At 2058, closed Byron 8S15 345KV BKR. At 2100, GRE closed Pleasant Valley 19JB4 345KV BKR restoring line to normal. (PVS RTU down) GRE does not have control of Pleasant Valley 19JB1 BKR.

No customer outages.

Cause: Storm in the area.

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- 21:31** Alma (DPC)-Lake City-Red Wing 69KV line tripped and stayed out.
- At 2135, Lake City 4H34 69KV BKR was opened by SCADA.
At 2139, Alma 4NB11 was closed by DPC restoring service to SMMPA Lake City, Wabasha, Nelson, Pepin, Alma and DPC Gilmanton after 8 minute outage.
- At 2214, Frontenac 541 69KV SW was opened and Lake City 4H34 69KV BKR was closed restoring service to Frontenac after a 42 minute outage.
- Cause of trip: Fault is on line section between Red Wing and Frontenac. Storm in area.
- 22:16** **22:19** Alma (DPC)-Independence (DPC) 69KV line tripped and fail to reclose, DPC closed Alma 4NB6 restoring all customers
- 3 minute outage to Waumandee, and the following DPC's Cream and Lookout
- Cause of trip: storms in area
- 22:32** **22:32** Alma Center-Tremval 69KV line line tripped and reclosed auto.
- Momentary outage to Blair, Garder Valley, and the following DPC subs Badger Sandmine, Hixton, Fly Creek
- Cause of trip: storms
- 22:35** **22:35** Independence (DPC)-Tremval 69KV line line tripped and reclosed auto.
- Momentary outage to White Hall, Bugle Lake, Wppi's White Hall, Muni's Tower Drive
- Cause of trip: stormms