
Xcel Energy North Control Center Daily Operations Report

Date: 7/11/2010

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

- | | | |
|--------------|--------------|--|
| 0:00 | 0:19 | Inver Hills Unit 2 remains online for MISO transmission reliability. |
| 0:42 | 9:21 | London 4E277 69KV GCB opened by CPU due to low gas pressure alarm. Troubleman reports 72 psi. Substation Electric crew added Sf6 gas and alarm cleared at: 0858 |
| 1:12 | 4:29 | Fort Ridgely-Wilmarth 115KV line out to repair a broken switch at Swan Lake.

Forced outage to Swan Lake. At 0429, Swan Lake 5S26 115KV QB switch temporary repairs completed, Swan Lake 5S25 115KV LB switch closed, and Fort Ridgely 5S95 115KV Breaker closed restoring load at Swan Lake, after a 3 hour and 17 minute outage. |
| | 1:35 | Black Dog 5M260 and 5M262 115KV OCB's, open since 07/10/2010 to split ring bus per operating procedure, returned to service. |
| 5:00 | 6:00 | MISO declaring a Minimum Generation Alert. |
| | 9:15 | Minnesota Valley 230/115KV TR 5, out since 07/09/2010 for maintenance, returned to service. |
| 16:06 | 16:08 | St. Croix Falls 4A39 69KV GCB tripped and stayed open. Closed 4A39 by SCADA control at 1608. This resulted in a 2 minute interruption to Borders(DPC).

No Xcel-W customers effected.

Cause: Storm in the area. |
| 17:03 | 17:03 | Cannon Falls-Spring Creek-West Hastings 69KV line tripped and reclosed auto.

Momentary outage to Byllesby (DEA), Miesville (DEA), Marshan (DEA), New Hastings (DEA), Vasa (GOODHUE), and Burnside.

Cause of trip: Storms in area. |

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- 17:18 17:20** West Hastings communication device set to modem for engineering fault analysis.
- 19:19** Elliot Park-Southtown 115KV line, out since 07/10/201 for Distribution maintenance on Southtown TR3 115KV disconnect, returned to service.
- 20:04 20:04** Marshland-North Creek (DPC) 69KV line tripped by relay and reclosed auto. 4L17 closed by CPU.
- Resulting in a momentary interruption to only DPC customers.
- Cause: Storm in area.
- 20:13 20:13** Marshland-North Creek (DPC) 69KV line tripped by relay and reclosed auto. 4L17 closed by CPU.
- Resulting in a momentary interruption to only DPC customers.
- Cause: Storm in area.
- 20:41** Yellow Medicine-Green Valley 69KV line out for broken pole.
- 21:12 21:12** Monroe County-Sparta #1 69KV line Tripped by relay and reclosed auto.
- Momentary interruption to No.2 Bus at Sparta sub.
- Cause Storm in area.
- 21:12 21:12** Monroe County-Sparta #2 69KV line Tripped by relay and reclosed auto.
- Momentary interruption to Sparta No. 1 bus.
- Cause: Storm in area.

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21:12 21:12 Council Creek (ALT)-Monroe County 69KV line tripped by relay and reclosed auto.

No Xcel customers were affect by this operation.

Cause: Storm in area.

22:07 Fort Ridgely-Wilmarth 115KV line CR PR and CR TT relaying off for circuit trouble.