

Report to: Utah Public Service Commission

Electric Service Reliability - Major Event Report UT-11-1

Event Date(s):	February 16, 2011
Date Submitted:	March 22, 2011
Primary Affected Locations:	SLC Metro, Richfield, Jordan Valley, Ogden
Exclude from Performance Reports:	Yes
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Report Approved by:	Dennis Hansen

Event Description:

On February 16, a winter storm caused numerous outages throughout the company's service territory in Utah, most significantly in the above-noted operating areas, due to high winds, heavy snow, and lightning. Sustained interruptions were caused by blown fuses, downed primary, broken crossarms, objects blown into lines, burned or broken jumpers, pulled apart connections, and loss of transmission. The 46kV bus at Sigurd substation lost voltage when a switch insulator failed, de-energizing downstream substations. At the height of the event, more than 20,000 Rocky Mountain Power customers were without power.

Sustained interruptions affected 142 substations and 231 circuits; an additional 19 circuits experienced only momentary interruptions. The longest interruption was on Gunnison #11 circuit in the Richfield operating area, affecting 795 customers for 1,488 minutes (24.8 hours) due to loss of transmission.

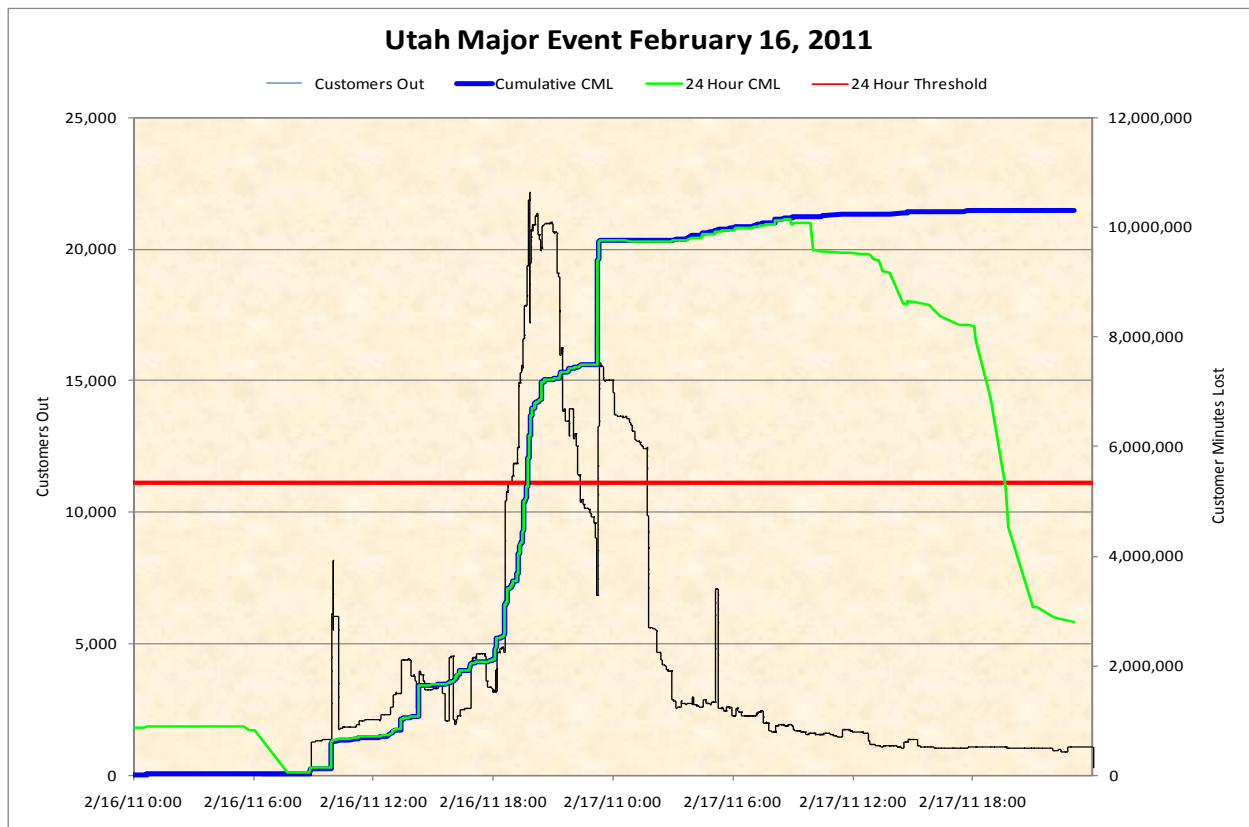
The unweighted average stage duration of all sustained interruptions statewide was 391 minutes, the median duration was 303 minutes and the mode duration 151 minutes. Statewide, 72% of affected customers were restored within 3 hours; 796 customers were off supply for more than 24 hours.

Total Customer Minutes Lost = 9,787,064
Total Sustained Incidents = 368
Total Sustained Customer Interruptions = 55,095

Restoration:

In heavy storm weather, facing blowing snow and up to 90 mph winds, crews worked methodically and safely to assess damages, isolate outages and restore supply through alternate feeds and stage restorations. Prioritization of the work required balancing safety considerations with company policy to restore the most customers possible first.

Facilities damage included replacement of 1 distribution pole, 11 crossarms, and 5 transformers.



Restoration Resources in Primary Areas:

Troubleman/assessors	42
Internal local crewmembers	86
Internal borrowed crewmembers	0
External (contract) crewmembers	24
Vegetation crewmembers	15
Substation crewmembers	7
Support staff	25
Total	199

Estimated Major Event Cost:

Expense \$75,000 Capital \$25,000 TOTAL \$100,000

SAIDI, SAIFI, MAIFI Report: (Attached)

Major Event Threshold:

Rocky Mountain Power is requesting designation of this storm and its consequences to be classified as a “Major Event” for exclusion from network performance reporting. This major event exceeded the company’s current Utah threshold for customer minutes lost in a 24-hour period (pursuant filed Advice/Approval Letters 04-13/05-13 adopting IEEE P1366 major event methodology effective the company’s fiscal year 2006).