

**Report to: Utah Public Service Commission**

**Electric Service Reliability - Major Event Report UT-12-2**

**Event Date(s):** July 13, 2012  
**Date Submitted:** August 30, 2012  
**Primary Affected Locations:** Park City, SLC Metro, Jordan Valley  
**Primary Cause:** Thunderstorms  
**Exclude from Performance Reports:** Yes  
**Report Prepared by:** Diane DeNuccio  
**Report Approved by:** TJ Golo, Heide Caswell

**Event Description:**

Thunderstorms in Utah caused extensive damage to Rocky Mountain Power facilities on July 13 resulting in more than 40,000 sustained customer interruptions. High winds slapped lines together, toppled trees and blew branches into distribution lines in several counties, primarily in the company’s Salt Lake City Metro and Jordan Valley operating areas. Most significantly, a microburst in Summit County hit a 138kV line at about 6:20pm and a sub-transmission line went out at 9:22pm, taking out power to more than 90% of the company’s Park City customers.

Interruptions occurred on 84 substations serving 122 circuits. The longest interruption of the event occurred on Ogden’s Little Mountain #18 (LMT18) circuit, affecting 7 customers for 1,219 minutes (20.3 hours) due to a pole fire.

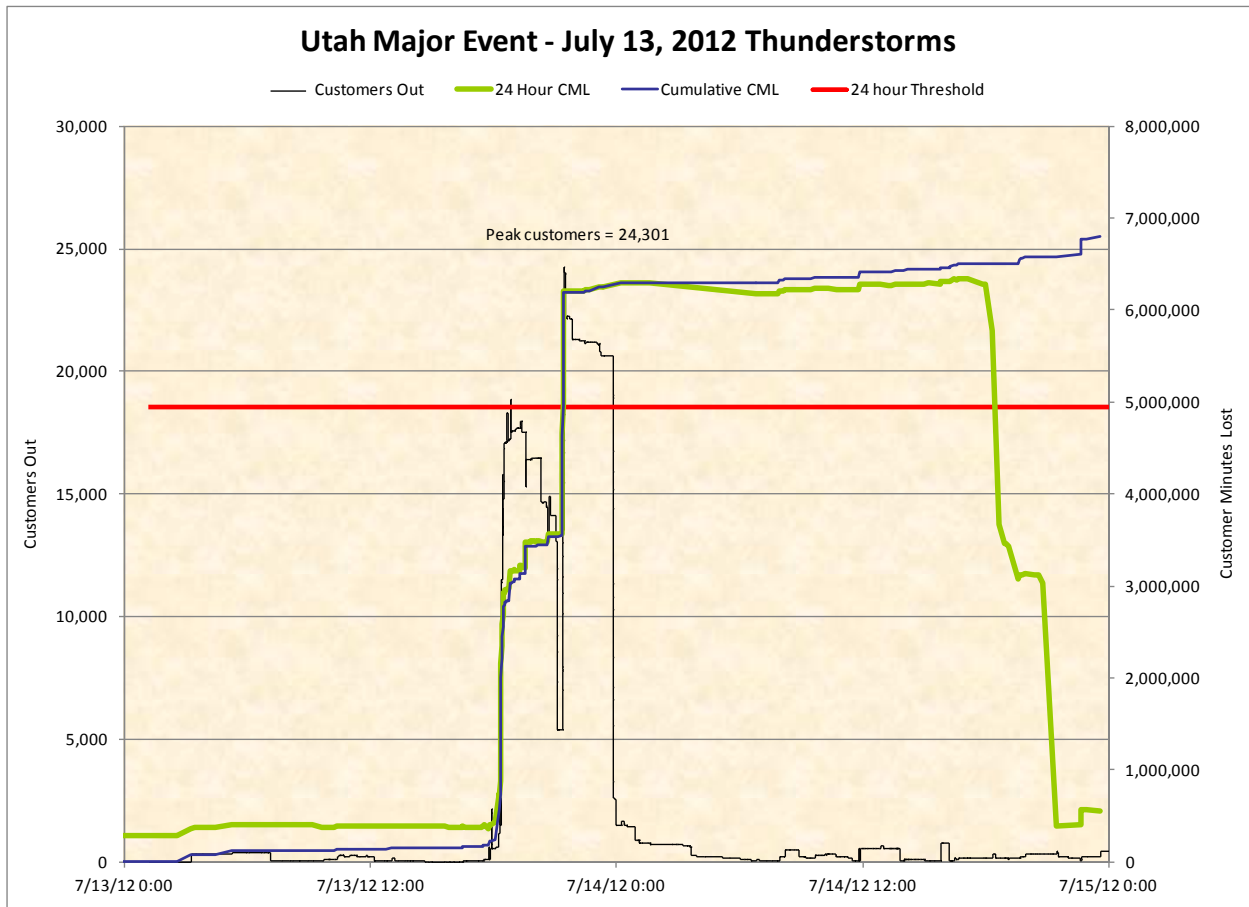
Total Customer Minutes Lost	6,292,810
Total Sustained Incidents	157
Total Sustained Customer Interruptions	41,156

**Restoration:**

In addition to utilizing contract crews, company crews were borrowed from Idaho and less-affected operating areas within Utah to assist during the storm; crews worked through the night to restore all customers by early the next morning. Overall for the event period, 90% of the sustained customer interruptions were restored within 3 hours.

Facilities damage in Utah included replacement of 9 distribution poles, 10 crossarms, 3 transformers, and approximately 10,000 line feet of conductor.

There have been no customer complaints or claims filed with regard to the company’s storm response.



**Restoration Resources:**

Troubleman/assessors	17
Internal local crewmembers	90
Internal borrowed crewmembers	12
External (contract) crewmembers	8
Vegetation crewmembers	9
<b>Total</b>	<b>136</b>

**State Estimated Major Event Costs:**

Expense \$150,000      Capital \$75,000      **TOTAL \$225,000**

**SAIDI, SAIFI, MAIFI Metrics:** (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 1366-2003 major event methodology effective the company’s fiscal year 2006).

The 2012 annual threshold for Utah is 4,949,761 minutes (i.e., 5.91 state SAIDI minutes).