Report to the Washington Utilities and Transportation Commission

## Electric Service Reliability - Major Event Report

# Date: July 8-9, 2012

Date Submitted: August 10, 2012

Primary Operating Area(s) Affected: Yakima

Exclude from Reporting Status: Yes

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**Event Description:**

Beginning late in the evening on July 8, 2012, thunderstorms in the Yakima Valley resulted in widespread outages throughout Pacific Power’s service territory. Lightning, heavy rain and high winds caused damage to distribution lines, ignited pole fires, and downed trees. At the height of the event, more than 10,000 customers were without power (8,000 in Yakima). Additional resources were borrowed from the company’s Portland, Hood River, Pendleton and Walla Walla operating areas to assist local crews in Yakima.

During the event period, 27 substations and 69 circuits experienced sustained interruptions. Overall, 14 percent of customers were restored within three hours; the longest customer interruption affected 1 customer for 48 hours due to a lightning-damaged transformer on a circuit out of Wapato substation (Donald 5Y330). Facilities replacements included 4 distribution poles, 31 transformers, 8 crossarms and approximately 1250 line feet of conductor.

Customers Out Sustained: 11,227

Total Customer Minutes Lost: 4,413,595

Sustained Interruptions: 142

PacifiCorp is requesting this event and the consequences thereof to be classified a “Major Event” because it exceeded the design limits of the system and the Company’s current annual IEEE P1366-2003 threshold of 1,201,069 customer minutes lost in a 24-hour period in Washington.

**Major Resources Utilized:**

Troubleman/Assessors 7

Internal Local crewmembers 15

Internal Borrowed crewmembers 13

Vegetation crewmembers 8

Substation crewmembers 6



**Estimated Major Event Cost:**

Capital: $125,000 Expense: $125,000 TOTAL: $250,000

**SAIDI, SAIFI, MAIFI Report:** Attached