

Report to the Washington Utilities and Transportation Commission Electric Service Reliability - Major Event Report

Event Date: August 11, 2018

Date Submitted: September 21, 2018

Primary Affected Locations: Yakima

Primary Cause: Fire/Smoke (attributed to arson)

Report Approved by: Heide Caswell / David O’Neil

Event Description and Restoration Summary

On the morning of August 11, 2018, Pacific Power experienced a major event in its Washington service territory when an arsonist set fire to a lumber warehouse in Yakima. The fire took several hours to control, damaging the building, nearby semi-trucks, and burning two feeder’s distribution poles and equipment, causing the substation circuit breaker to trip open.

At the request of the fire marshal crews to keep circuits de-energized, field engineers were contacted to begin reviewing the circuits’ configuration and prepare switching orders to begin restoration activities from alternate sources if possible. Crew resources were limited due to concurrent work replacing equipment damaged in the White Swan fire that occurred almost simultaneously. Therefore, internal company crews and contractor crews from Hood River and Hermiston, Oregon were dispatched to assist with field switching and repair work to restore customers impacted from the lumber warehouse fire.

Customer restorations began three hours and 50 minutes after the two breakers tripped open. Crews continued to perform switching orders, restoring as many customers as was possible given the damaged equipment. A total of two circuits serving 3,850 customers from the River Road Substation were affected, with outage durations ranging from three hours 50 minutes to 23 hours 50 minutes. Nine Yakima line personnel were augmented by two internal crews and two contractor crews, totaling more than 25 resources during the response to the event.

Event Outage Summary	
# Interruptions (sustained)	7
Total Customer Interrupted (sustained)	3,889
Total Customer Minutes Lost	1,998,067
State Event SAIDI	14.74 Minutes
CAIDI	514
Major Event Start	8/11/18 12:00 AM
Major Event End	8/12/18 12:00 AM



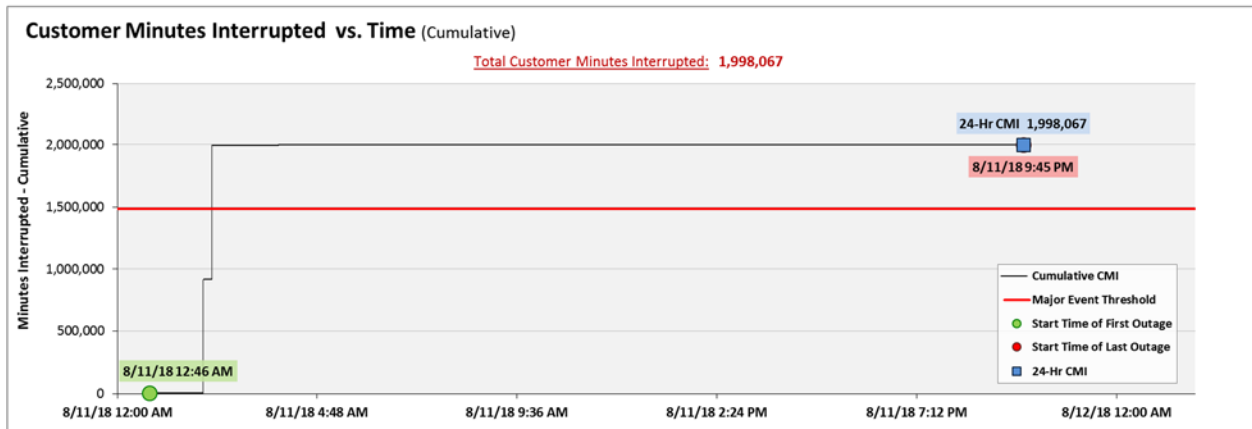
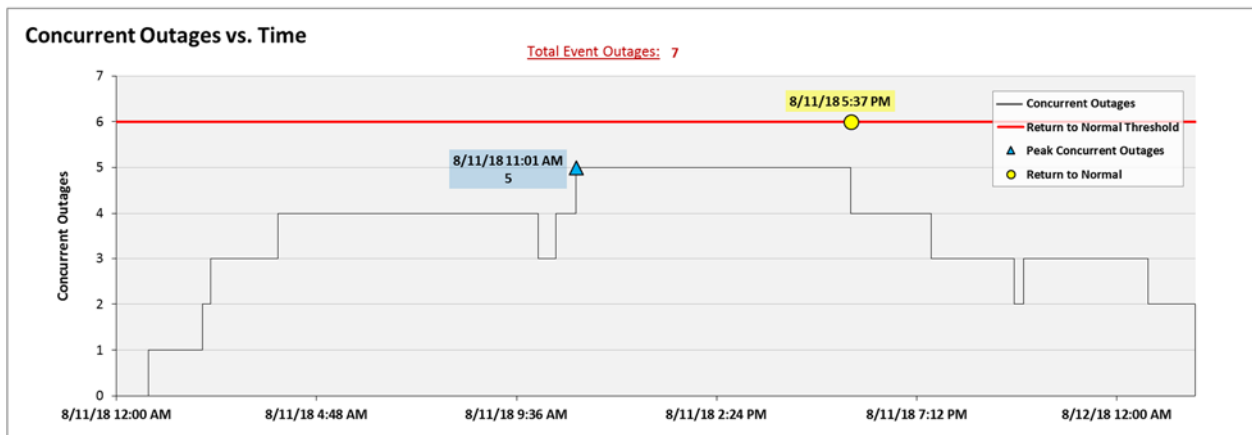
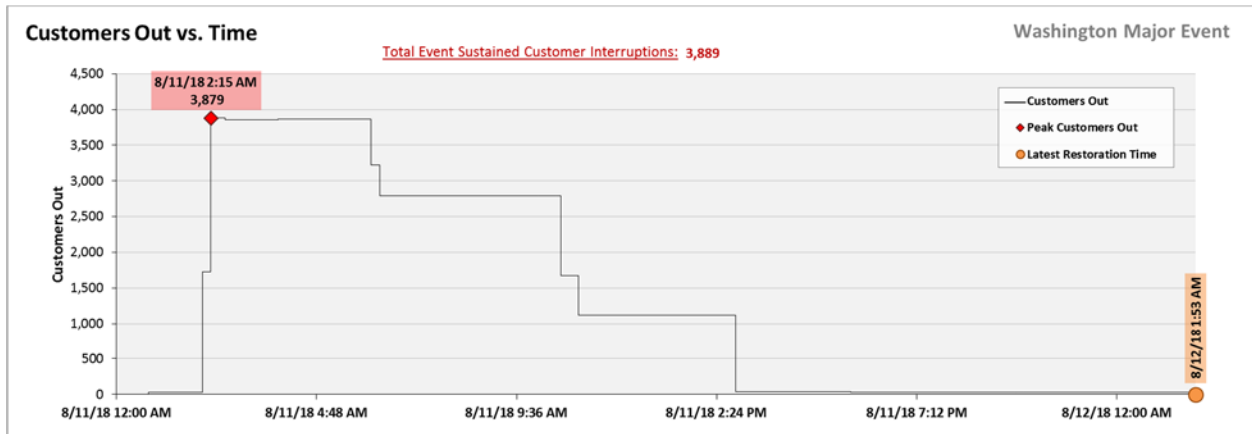
Restoration Intervals

Total Customers Sustained	< 3 Hrs.	3 - 24 Hrs.	24+ Hrs.
3,889	26	3,863	0

Major Event Declaration

Pacific Power is requesting designation of this event and its consequences to be classified as a “Major Event” for exclusion from network performance reporting with the IEEE 1366-2003/2012. This major event exceeded the company’s 2018 Washington threshold of 1,488,256 customer minutes lost (10.98 state SAIDI minutes) in a 24-hour period.

Event Detail



SAIDI, SAIFI, CAIDI by Reliability Reporting Region

Please see the attached system-generated reports.