

## Report to the Washington Utilities and Transportation Commission

### Electric Service Reliability - Major Event Report

Event Date: August 10-11, 2022  
Date Submitted: May 5, 2023  
Primary Affected Locations: Walla Walla  
Primary Cause: Lightning  
Exclude from Reporting Status: Yes  
Report Prepared by: Tia Solis  
Report Approved by: Kevin Benson

#### Event Description and Restoration Summary

Event Outage Summary	
# Interruptions (sustained)	18
Total Customers Interrupted (sustained)	3,079
Total Customer Minutes Lost	81,760
State Event SAIDI	0.59 Minutes
CAIDI	27
Major Event Start	8/10/22 12:00 AM
Major Event End	8/11/22 12:00 AM

On the evening of August 10, 2022, Walla Walla, Washington, experienced a SAIFI-based major event due to a loss of supply outage. The event occurred after lightning occurred in the area resulting in loss of transmission due to trees, pole, and service wire down. Crews quickly responded to make repairs, removing debris, replacing transformers and service wire. This caused several circuits to lose transmission. Figure 1 below is a graphical representation of the affected network by duration of outages. Pacific Power immediately took quick actions to restore customers via alternate feeds.

Eight substations lost feed to thirteen distribution circuits serving a total of 3,079 customers. Power was restored to affected customers within seventeen hours. Waitsburg Substation had the most customer minutes lost totaling 41,209 across two circuits, 5W305 and 5W306.

To date, there have been no commission or company complaints concerning this major event.

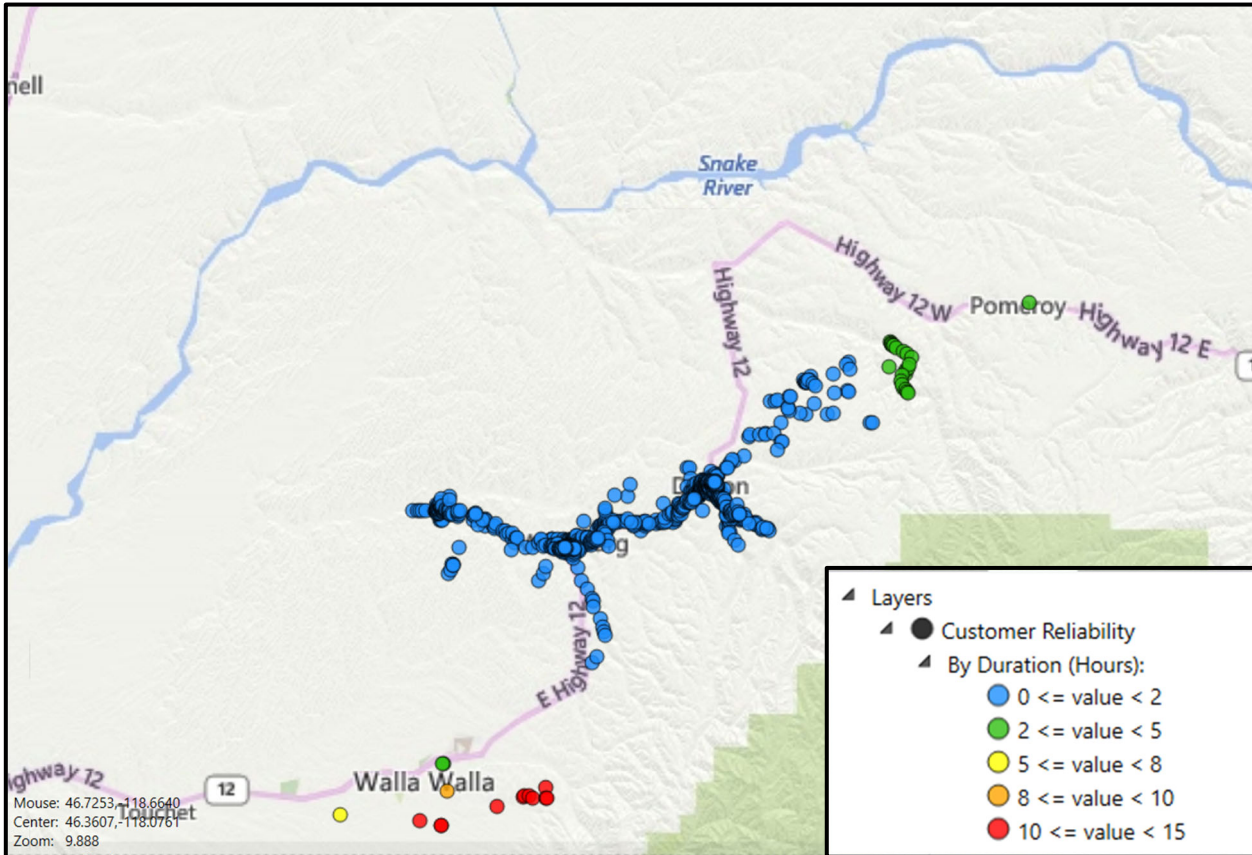


Figure 1. Major event outages.

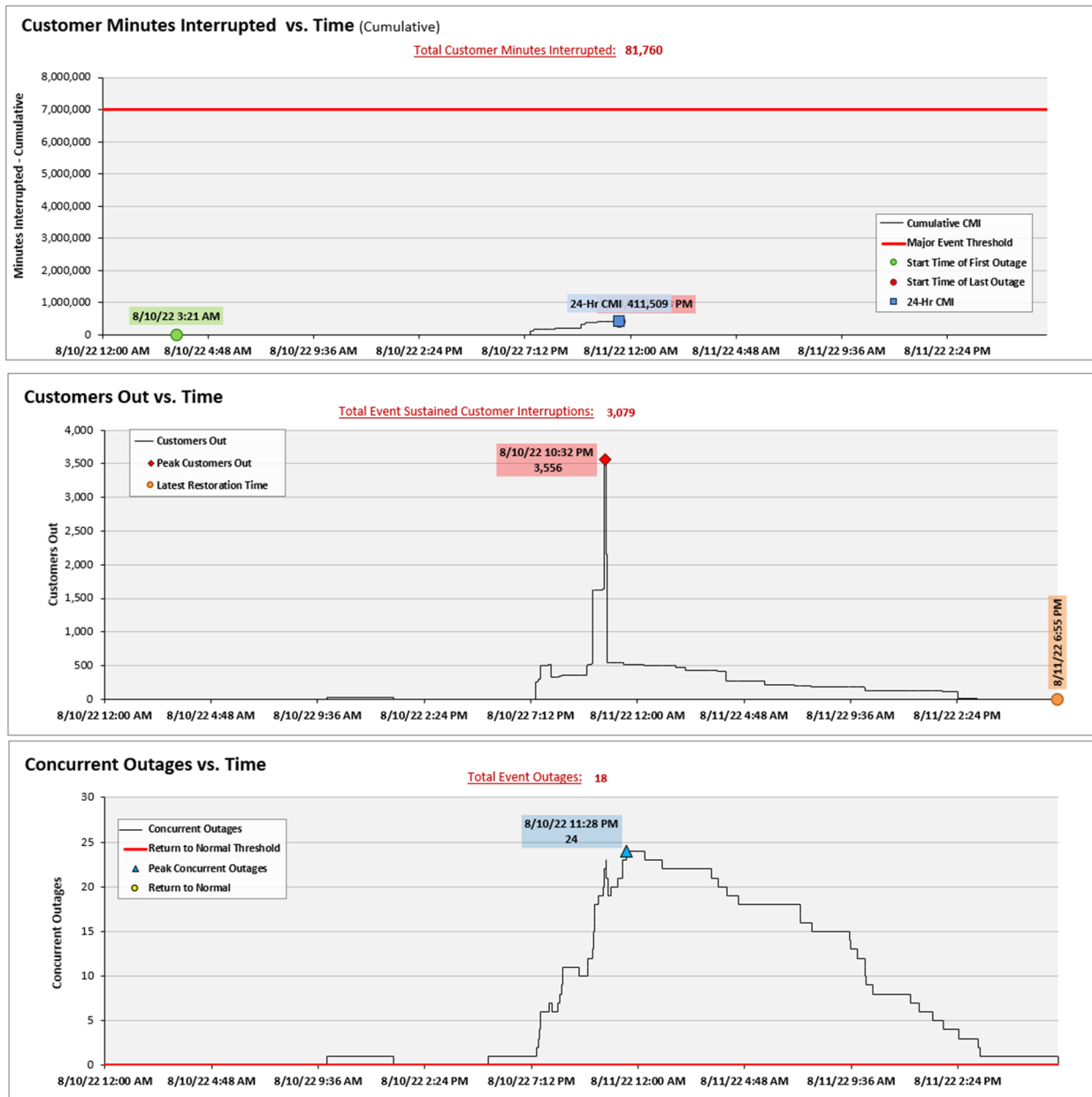
### Restoration Intervals

Total Customers Sustained	< 3 Hrs.	3 - 24 Hrs.	24-48 Hrs.
3,079	3,009	70	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 underlying network performance reporting. This major event exceeded the company’s current Washington system average interruption frequency index-driven (SAIFI) threshold of 10% total operating area customers served sustained interruptions (3,079 customers were interrupted out of 28,298 Walla Walla operating area customers, or 11% of the operating area customers) simultaneously in a 24-hour period.

# Event Detail<sup>1</sup>



## SAIDI, SAIFI, CAIDI by Reliability Reporting Region

Please see the attached system-generated reports.

<sup>1</sup> Pacific Power's Walla Walla operating area includes a portion of Northeastern Oregon. The charts include impacts to both Washington and Oregon and as such the numbers therein are inflated. The total values reflect impacts to Washington and the detailed numbers within the graph reflect both Washington and Oregon.