



e-FILING REPORT COVER SHEET

COMPANY NAME: IDAHO POWER COMPANY

DOES REPORT CONTAIN CONFIDENTIAL INFORMATION?  No  Yes If yes, submit a redacted public version (or a cover letter) by email. Submit the confidential information as directed in OAR 860-001-0070 or the terms of an applicable protective order.

Select report type:  RE (Electric)  RG (Gas)  RW (Water)  RT (Telecommunications)  
 RO (Other, for example, industry safety information)

Did you previously file a similar report?  No  Yes, report docket number: RE 114

Report is required by:  OAR 860-023-0161

Statute

Order

Note: A one-time submission required by an order is a compliance filing and not a report (file compliance in the applicable docket)

Other

(For example, federal regulations, or requested by Staff)

Is this report associated with a specific docket/case?  No  Yes, docket number: RE 114

List Key Words for this report. We use these to improve search results.

Send the completed Cover Sheet and the Report in an email addressed to [PUC.FilingCenter@state.or.us](mailto:PUC.FilingCenter@state.or.us)

Send confidential information, voluminous reports, or energy utility Results of Operations Reports to PUC Filing Center, PO Box 1088, Salem, OR 97308-1088 or by delivery service to 201 High Street SE Suite 100, Salem, OR 97301.

LISA D. NORDSTROM  
Lead Counsel  
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September 23, 2020

**VIA ENCRYPTED ELECTRONIC MAIL**

Public Utility Commission of Oregon  
Filing Center  
201 High Street SE, Suite 100  
P.O. Box 1088  
Salem, Oregon 97301

Re: Major Event: September 7-8, 2020  
Docket No. RE 114

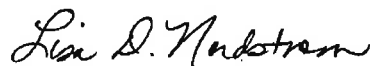
Attention Filing Center:

Pursuant to Order No. 20-088, Idaho Power Company ("Idaho Power") submits this report to notify the Public Utility Commission of Oregon that an outage event starting on September 7, 2020, and ending on September 8, 2020, occurred in Idaho Power Company's Oregon service area. The outage met the Major Event filing criteria under Oregon Administrative Rule 860-023-0161 with System Average Interruption Duration Index (SAIDI) equal to 13.01 minutes ( $T_{MED} = 11.87$ ) and Customer Average Interruption Duration Index (CAIDI) equal to 493 minutes.

The cause of the outage was a tree contact on the Halfway-12 distribution circuit that occurred during a strong wind storm on September 7, 2020. Idaho Power customers residing in the Richland, OR area were impacted by the outage. Adverse weather contributed to the overall impact and duration of the outage, as many other outages throughout the service area were active at the same time.

The enclosed map has been marked confidential under OAR 680-001-0070 as potential Critical Electric Infrastructure Information as defined by the Federal Energy Regulatory Commission. This filing should be forwarded to Lori Koho in the Safety, Reliability and Security Division. If you have any questions, please do not hesitate to contact Perry Van Patten, Manager, Delivery Reliability and Maintenance at 208-388-5944.

Very truly yours,



Lisa D. Nordstrom

LDN/slb  
Enclosure

cc: Bo Hanchey  
Angelique Rood  
Perry Van Patten

Bryan Hobson  
Clint Mills  
Jake Perryman



**Oregon Administrative Rule 860-023-0161  
Major Event Filing  
September 7-8, 2020**

**Description:** The Major Event Day (MED) outage event took place starting the evening of September 7, 2020 and continued into the next morning. At 9:16 PM on September 7, 2020, a fault occurred on the Halfway-12 distribution circuit locking out the recloser R58, the cause of which was later determined to be tree branches in the line. This outage impacted 510 customers in the Richland, OR area. The tree-line contact occurred during a period with high wind gusts, and many other outage events were active throughout the service area prior to and during this outage event. A field resource was dispatched to the area and after they cleared the tree branches from the line, restored power to the affected customers at 5:29 AM the next morning (on September 8, 2020).

The total outage duration was 493 minutes. This duration multiplied by 510 service points resulted in 251,430 customer minutes of interruption. Idaho Power's calculated threshold for a major event day (TMED) for 2020 in Oregon is 11.87 minutes per customer, and 251,430 customer minutes of interruption per 19,326 customers is a daily SAIDI of 13.01 minutes per customer.

While the outage described above was the only sustained outage that exceeds the threshold for a MED, there was a significant wind event that occurred throughout the intermountain northwest on September 7, 2020, causing widespread power outages across many service areas, many of which lasted well into the next day. In the western region of Idaho Power's service area, 87 total outage events were handled between September 7, 2020 and September 8, 2020. Of those outage events, 27 impacted at least one customer in the state of Oregon. The rest of the outage events were smaller in terms of customers affected, and collectively did not exceed the TMED for daily SAIDI. As is customary with past MED reports, only the outage events that were sufficient to trigger the MED report are included in the report.

**Customers Affected:**

Outage Begin – End Date/Time	Feeder - Device	(Oregon) Customers Out	Duration (Minutes)	(Oregon) Customer Minutes Out
9/7/20 9:16PM – 9/8/20 5:29AM	HFWY 012 – R58	510	493	251,430
		<b>510</b>		<b>251,430</b>

**Circuit Reliability:**

Impacted Circuit	Oregon Customers	SAIDI (Minutes)	SAIFI	CAIDI (Minutes)
HFWY 012	546	493.00	0.93	493.00
<b>Oregon Service Territory</b>	<b>19,326</b>	<b>13.01</b>	<b>0.03</b>	<b>493.00</b>

**Outage Timeline:**

**September 7-8 Outage Timeline**

