



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.

Major Event Report

Send the completed Cover Sheet and the Report in an email addressed to 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.

Connie Aschenbrenner
Rate Design Senior Manager
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April 19, 2023

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

Re: Major Event Filing for March 14-15, 2023
Docket No. RE 114

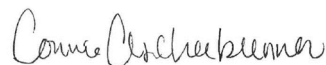
Attention Filing Center:

Idaho Power Company (“Idaho Power” or “Company”) discovered that an outage event starting on 3/14/2023 and ending on 3/15/2023 affected its Western Operating Region, which is in the Company’s Oregon service area. The event met the criteria of a Major Event Day with SAIDI (System Average Interruption Duration Index) equal to 10.64 minutes ($T_{MED} = 9.06$) and CAIDI (Customer Average Interruption Duration Index) equal to 640 minutes.

The outage was caused by a broken conductor which occurred during a snowstorm with strong winds and impacted customers in the Drewsey and Juntura areas. Adverse weather and deep snow conditions contributed to the duration of the outage, as well as many other outages that were active throughout the Company’s service area at the same time.

This major event filing required by OAR 860-023-0161 should be forwarded to Lisa Gorsuch in the Safety, Reliability and Security Division. If you have any questions, please do not hesitate to contact Jon Axtman, T&D Reliability and Engineering Senior Manager, at 208-388-5036.

Sincerely,



Connie Aschenbrenner

CA/sg

Enclosure

cc: Bo Hanchey
Angelique Rood
Jon Axtman
Bryan Hobson
Jake Perryman
Dena McFarlin



**Oregon Administrative Rule 860-023-0161
Major Event Filing
March 14-15, 2023**

Description: The Major Event Day (MED) outage event took place on March 14, 2023 and continued into the afternoon of March 15, 2023. The event began at 8:44 PM on March 14, 2023, when a fault tripped the HRPR077R2 breaker during a period of high wind gusts and a snowstorm. This resulted in an outage on the HRPR-SDHL 69kV circuit that impacted 312 customers on the DWSY-11, ESTN-11, JNTA-11, and JNTA-12 distribution circuits located in Drewsey and Juntura. A field resource was dispatched to the area, and no cause was found on the HRPR-JNTA 69kV circuit section. At 11:08 PM power was restored to the HRPR-JNTA 69kV circuit section, restoring service to 120 customers on the ESTN-11, JNTA-11, and JNTA-12 distribution circuits. Power was not yet restored on the JNTA-SDHL 69kV circuit section and the outage continued to impact the 192 customers on the DWSY-11 distribution circuit. At 12:03 AM on March 15, 2023, the same 120 customers on the ESTN-11, JNTA-11, and JNTA-12 distribution circuits experienced a brief 8-minute outage after the HRPR077R2 breaker tripped on the HRPR-JNTA 69kV circuit section due to snow and ice unloading. Power was restored to the affected customers by 12:11 AM on March 15, 2023.

Meanwhile, the JNTA-SDHL 69kV circuit continued to be patrolled with a snow cat in snow drifts up to ten feet deep. An aircraft was also used to patrol the circuit during daylight hours on March 15, 2023. A broken conductor was found, and the cause was determined to be snow and ice unloading during a period of high winds and heavy snowfall. Repairs were made and power was restored to the affected customers by 1:26 PM on March 15, 2023.

The total outage duration was 1,002 minutes. 312 customers were impacted by varying outage durations, resulting in a total of 210,624 customer minutes of interruption. Idaho Power’s calculated threshold for a major event day (TMED) for 2023 in Oregon is 9.06 minutes per customer. 210,624 customer minutes of interruption per 19,788 customers is a daily SAIDI of 10.64 minutes per customer.

Customers Affected:

Time Period	Affected Devices	Oregon	
		Customers Out	Duration (Minutes) Customer Minutes Out
2023/03/14 20:44 - 2023/03/14 23:08	HRPR077R2 to SDHL40056	312	144 44,928
2023/03/14 23:08 - 2023/03/15 00:03	JNTA061T to SDHL40056	192	55 10,560
2023/03/15 00:03 - 2023/03/15 00:11	HRPR077R2 to SDHL40056	312	8 2,496
2023/03/15 00:11 - 2023/03/15 13:26	JNTA061T to SDHL40056	192	795 152,640
			210,624

Circuit Reliability:

Impacted Circuit	Oregon Customers	SAIDI (Minutes)	SAIFI	CAIDI (Minutes)
DWSY11	192	1002	1	1002
ESTN11	2	152	2	76
JNTA11	65	152	2	76
JNTA12	53	152	2	76
Oregon Service Area	19,788	10.64	0.02	640

Outage Timeline:

