

e-FILING REPORT COVER SHEET

REPORT NAME: Major Event Report for April 8, 2015

COMPANY NAME: Idaho Power Company

DOES REPORT CONTAIN CONFIDENTIAL INFORMATION? No Yes

If yes, please submit only the cover letter electronically. Submit confidential information as directed OAR 860-001-0070 or the terms of an applicable protective order.

If known, please select designation: RE (Electric) RG (Gas) RW (Water)
 RO (Other)

Report is required by: OAR 860-023-0161
 Statute
 Order
 Other

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

Key words:

If known, please select the PUC Section to which the report should be directed:

- Corporate Analysis and Water Regulation
- Economic and Policy Analysis
- Electric and Natural Gas Revenue Requirements
- Electric Rates and Planning
- Natural Gas Rates and Planning
- Utility Safety, Reliability & Security
- Administrative Hearings Division
- Consumer Services Section

PLEASE NOTE: Do NOT use this form or e-filing with the PUC Filing Center for:

- Annual Fee Statement form and payment remittance or
- OUS or RSPF Surcharge form or surcharge remittance or
- Any other Telecommunications Reporting or
- Any daily safety or safety incident reports or
- Accident reports required by ORS 654.715.

LISA D. NORDSTROM
Lead Counsel
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April 20, 2015

Public Utility Commission of Oregon
Filing Center
3930 Fairview Industrial Drive SE
P.O. Box 1088
Salem, Oregon 97308-1088

Re: Major Event: April 8, 2015
Docket No. RE 114

Attention Filing Center:

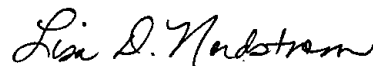
We have discovered that an outage event on April 8, 2015, affected our Oregon service territory in our Canyon Operations reliability reporting area and met the criteria as a Major Event Day with SAIDI (System Average Interruption Duration Index) equal to 19.89 minutes (TMED = 14.19) and CAIDI (Customer Average Interruption Duration Index) equal to 677.74 minutes.

A pole fire on the Gem – Jordan Valley 69 kV transmission line contributed to an outage event of more than 10 hours for all Oregon customers on the Jordan Valley and Rockville circuits. Separate distribution outages before and after the transmission outage impacted these customers as well, with the total number of customer interruptions reaching 542 for the day.

An original and one copy of the **confidential** maps showing the affected area will be provided via U.S. Mail.

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/kkt

Enclosure

cc: Adam Richins
Brent Lulloff
Perry E. Van Patten
Marc Patterson
Dan Schledewitz
Heath Schab



Oregon Administrative Rule 860-023-0161
Major Event Filing
April 8, 2015

Description: On April 8, 2015, a major event, as defined in Oregon Administrative Rule 860-023-0161, occurred in Idaho Power’s Oregon service territory in its Canyon Operations reliability reporting area. Multiple outage events impacted customers in the Jordan Valley, Oregon area. The main outage event occurred on the Gem – Jordan Valley 69 kV transmission line. Early in the morning, a pole on the distribution underbuilt arm connection two miles west of the Gem substation caught on fire. This resulted in the pole burning in half which dropped the 69 kV phase conductors and caused a power outage on the transmission line. The likely source of the fire was rain on contaminated insulators that caused current tracking. This outcome has been known to occur when rain falls after a prolonged dry period, which was consistent with the conditions at the time of the outage. The pole was replaced and the line was attempted to be reenergized at approximately 2:50 p.m. However, the line did not hold. Further patrolling revealed a downed power line on the Delamar tap. Once this was discovered, Switch No. 070T6 was opened just after 4:00 p.m. to isolate the downed power line, allowing the rest of the 69 kV line to be restored.

In addition to the outage on the Gem – Jordan Valley 69 kV line, other distribution outages in the Jordan Valley area throughout the day also impacted customers. The first was an outage event on the Jordan Valley 31 circuit that began at 4:11 a.m. This outage was not resolved before the Gem – Jordan Valley 69 kV line outage at 5:41 a.m., so customers on this circuit were without service starting at 4:11 a.m. instead of 5:41 a.m. After the Gem – Jordan Valley 69 kV line was restored at 4:06 p.m., an outage event on the Jordan Valley 11 circuit at approximated 4:45 p.m. impacted 11 customers and lasted until just before 2:00 a.m. the following morning. An outage event on the Rockville 11 circuit just before 10:00 p.m. also impacted one customer and lasted until 5:44 a.m. the next morning.

Transmission Events:

Line	Begin Time	End Time	Event Type	Duration (min)	Comments
GEMM-JNVY 69kV	5:06 AM	5:06 AM	Trip/Close	0.26	Trip/close. Heaving snow reported by customer.
GEMM-JNVY 69kV	5:41 AM	4:06 PM	Tripped	624.23	Pole fire
GEMM-JNVY 69kV	2:51 PM	2:51 PM	Close/Trip	0.00	Attempted reenergizing of line
GEMM-JNVY 69kV	4:04 PM	4:04 PM	Open	0.00	Open Delamar tap to isolate downed line

Customers Affected: The total number of Oregon customers affected was 530, which was all of the customers on the Jordan Valley 11, 12, 31, and Rockville 11 circuits. Some of the customers had more than one sustained outage, so the total number of customer interruptions was 542.

Outage Event	Feeder	Customers Out	Duration (Minutes)	Customer Minutes Out
687916	JNVY31	332	714.57	237,237
687917	JNVY11	87	624.23	54,308
687919	JNVY12	83	624.23	51,811
687920	RKVL11	28	624.23	17,478
688038	JNVY11	11	547.75	6,025
688039	RKVL11	1	472.37	472
Total		542		367,332

Circuit Reliability: The reliability indices for each distribution circuit are shown below.

Circuit	Day SAIDI (Minutes)	Day SAIFI	Day CAIDI (Minutes)
JNVY11	693.49	1.13	615.65
JNVY12	624.23	1.00	624.23
JNVY31	714.57	1.00	714.57
RKVL11	641.10	1.04	618.99
System	19.89	0.03	677.74

Outage Timeline:

