



e-FILING REPORT COVER SHEET

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

REPORT NAME: Major Event Report for January 6-7, 2017

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 in 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

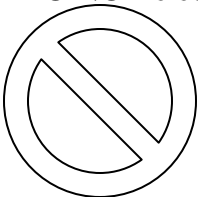
Other

Is this report associated with a specific docket/case? No Yes

If yes, enter docket number: RE 114

List applicable Key Words for this report to facilitate electronic search:

DO NOT electronically file with the PUC Filing Center:



- 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

Please file the above reports according to their individual instructions.

LISA D. NORDSTROM
Lead Counsel
lnordstrom@idahopower.com

January 17, 2017

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

Re: Major Event: January 6-7, 2017
Docket No. RE 114

Attention Filing Center:

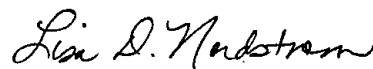
An outage event starting on January 6, 2017, and ending on January 7, 2017, affected our Oregon service territory and met the criteria as a Major Event Day with SAIDI (System Average Interruption Duration Index) equal to 19.58 minutes (TMED = 16.49) and CAIDI (Customer Average Interruption Duration Index) equal to 318 minutes.

The cause of the outage was a failed automatic sleeve on the Caldwell-Nyssa 69 kV transmission line which impacted customers in the Adrian, Oregon vicinity. Adverse weather and road conditions also contributed to the overall impact and duration of the outage.

An original and one copy of the **confidential** map showing the affected area will be provided via Federal Express.

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 Luloff
Perry E. Van Patten
Bryan Hobson
Clint Mills
Heath Schab



Oregon Administrative Rule 860-023-0161

**Major Event Filing
Submitted: January 17, 2017**

Description: The outage event took place starting the night of January 6, 2017, and continued past midnight into January 7, 2017. At 11:38 pm a fault occurred on the Caldwell-Nyssa 69 kV transmission line, the cause of which was later determined to be a failed automatic sleeve. This transmission line outage impacted customers on the Adrian and Parma circuits. The on-call resource was dispatched out of Fruitland, Idaho to patrol and sectionalize the line, but because of poor weather and road conditions the travel took longer than normal. At the Parma substation, the resource was unable to fully open the switch to sectionalize, so additional resources were dispatched. While waiting for additional resources, the trouble man continued patrolling the line and found wire down between the Parma-Apple Valley (074T1) and Apple Valley-Nyssa (074T2) pole top switches. These switches were subsequently opened at approximately 2:00 am to isolate the downed wire. This switching also isolated the Adrian substation from the rest of the 69 kV transmission line. With the trouble isolated, power was restored to the Parma circuits one at a time to avoid overloading from cold load pickup. This restoration occurred periodically between approximately 3:00 am and 7:00 am between the four Parma circuits; however, only two of the circuits (012 and 042) have Oregon customers and are included in this report. Also during this time, repairs were made to the 69 kV transmission line and service was restored to the Adrian circuits by approximately 5:15 am.

Transmission Events:

Line	Begin Time	End Time	Event Type	Duration (min)	Comments
Caldwell-Nyssa 69 kV	1/6/17 11:38 pm	1/7/17 3:30 am	Weather, excluding lightning	221	Failed automatic sleeve, possibly from snow/ice build-up on line.

Customers Affected:

Outage Begin – End Date/Time	Feeder - Device	(Oregon) Customers Out	Duration (Minutes)	(Oregon) Customer Minutes Out
1/6/17 11:38 pm – 1/7/17 3:24 am	PRMA 042 - BKR	183	226	41,358
1/6/17 11:38 pm – 1/7/17 4:49 am	PRMA 012 - R5	2	311	622
1/6/17 11:38 pm – 1/7/17 5:13 am	ADRN 011 - BKR	380	335	127,300
1/6/17 11:38 pm – 1/7/17 5:14 am	ADRN 012 - BKR	591	336	198,576
		1,156		367,856

Circuit Reliability:

Impacted Circuit	Oregon		SAIDI		CAIDI	
	Customers	(Minutes)	SAIFI	(Minutes)		
ADRN 011	380	335.00	1.00	335.00		
ADRN 012	591	336.00	1.00	336.00		
PRMA 012	2	311.00	1.00	311.00		
PRMA 042	183	226.00	1.00	226.00		
Oregon Service Territory	18,789	19.58	0.06	318.21		

Outage Timeline:

