

e-FILING REPORT COVER SHEET

REPORT NAME: Major Event Days Report - May 1, 2013

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:

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

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- **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  
[lnordstrom@idahopower.com](mailto:lnordstrom@idahopower.com)

May 1, 2013

**Attention: Filing Center**  
Public Utility Commission of Oregon  
550 Capitol Street NE, Suite 215  
P.O. Box 2148  
Salem, Oregon 97308-2148

Re: Major Event Days: February 16, 2012, October 16, 2012, and January 23, 2013

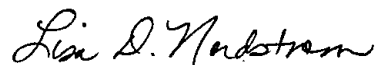
Dear Filing Center:

We have discovered that three outage events (two during 2012 and one in 2013) affected our Oregon operating reliability reporting area and met the criteria as Major Event Days ("MED"). Due to inconsistencies in our System Average Interruption Duration Index ("SAIDI") monitoring process and personnel changes, we are delinquent in meeting the 30 day reporting requirement as denoted in OAR 860-023-0161. Though we reported the two 2012 MEDs in our recent 2012 Annual Reliability Report, please find the attached detailed reports for the above-referenced dates.

Our error in determining these three MEDs stemmed from the fact that the causes were not obvious to us as electrical system stresses beyond that which is normally expected (such as severe weather) as denoted in the MED definition. Rather, the causes were failed pieces of equipment on two different transmission lines in our Oregon operating reliability reporting area and during weather conditions that were not unusual. It is not clear to us that the intent of the MED reporting is being met in these situations and we would like to discuss this further at some time in the near future. Nonetheless, we have calculated the daily SAIDI and Customer Average Interruption Duration Index ("CAIDI") for comparison to the predetermined SAIDI and CAIDI thresholds. It is certainly our intent to meet the requirements of OAR 860-023-0161 in the future.

We regret the error and have completed significant monitoring improvements with oversight controls. 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

Enclosures

cc: Vern Porter  
Naomi Crafton-Shankel  
Perry E. Van Patten  
Wes Clark  
Dan Schledewitz  
Heath Schab



**OR Rule: 860-023-0160  
Major Event Filing  
February 16, 2012**

**Description:** February 16, 2012 a Major Event Day in our Oregon reliability reporting area occurred. The cause of the event was a fault resulting from a broken pole-top clamp (equipment failure) on a structure near Halfway, Oregon on the Oxbow Power–Duke–Halfway (OBPR-DUKE-HFWY), 69kV transmission line. Customers in the vicinity of Oxbow and Halfway, Oregon were affected. IPCo personnel located in the Oxbow area responded and were able to locate and isolate the faulted line section. Crews from Payette, Idaho were required to complete repairs and restore power to normal operations.

**Transmission Events:**

Line	Begin Time	Cause Description	Event Type	Duration	Comments
OBPR-HFWY 69KV	2/16/12 0:58	Broken Pole Top Clamp (Equipment Failure)	Fault - Line	02:36:00	Partial load restoration
DUKE-HFWY 69KV	2/16/12 0:59	Broken Pole Top Clamp (Equipment Failure)	Fault - Line	07:54:28	

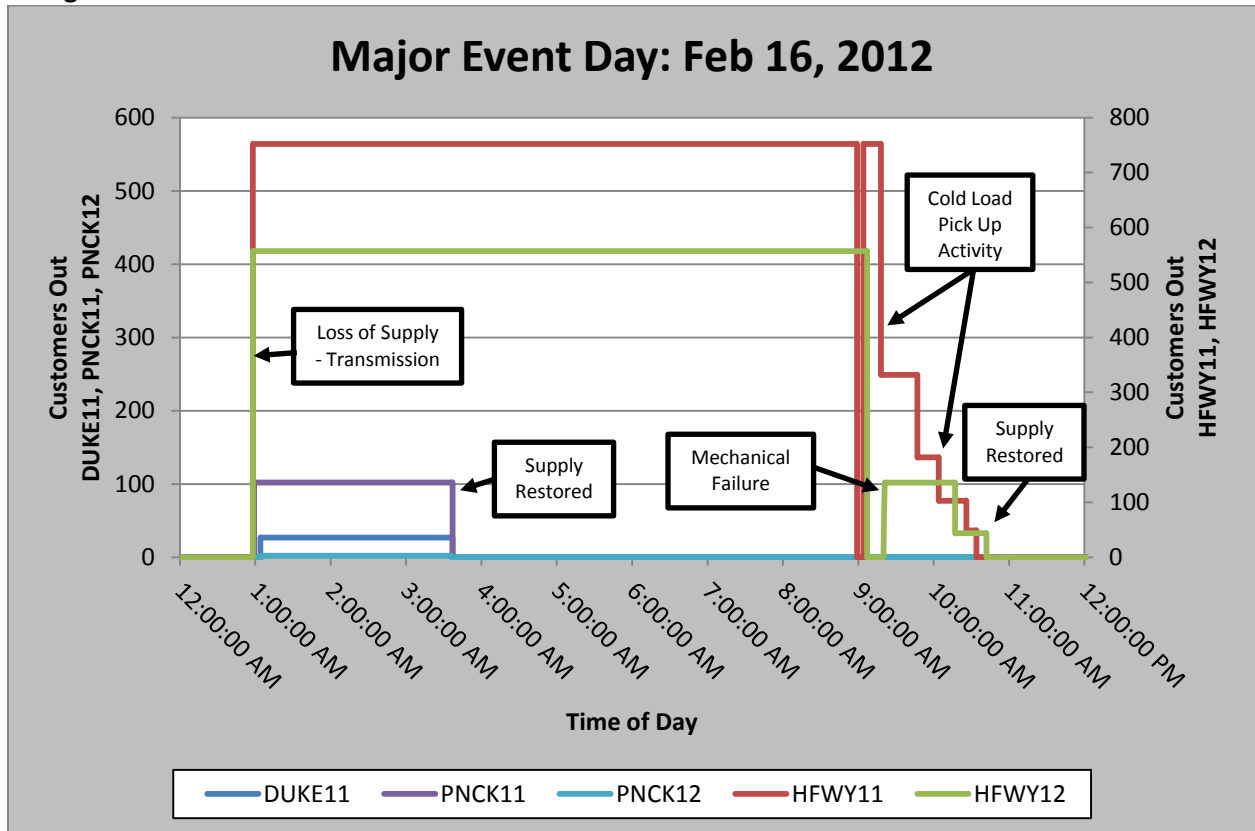
**Customers Affected:** The total number of OR customers affected was 1,440. The event had the following affect on the customer-serving distribution circuits.

Circuit	Duration (Minutes)	Customer Outages	Customer Minutes Out
DUKE11			
Event 594216	153.00	27	4,131.00
HFWY11			
Event 594220	480.15	752	361,072.80
Event 594231	13.52	420	5,677.00
Event 594233	59.52	79	4,701.82
Event 594236	42.52	150	6,377.50
Event 594242	81.52	54	4,401.90
Event 594249	89.52	49	4,386.32
HFWY12			
Event 594221	488.15	557	271,899.55
Event 594238	56.00	92	5,152.00
Event 594247	81.00	44	3,564.00
PNCK11			
Event 594215	157.83	102	16,099.00
PNCK12			
Event 594217	151.00	2	302.00
<b>Totals</b>	<b>1,853.72</b>	<b>2,328</b>	<b>687,764.88</b>

Some customers on these circuits experienced multiple outages before restoration was complete due to cold load pickup issues. The resulting indices are shown below.

Circuit	Day SAIDI (Minutes)	Day SAIPI	Day CAIDI (Minutes)
DUKE11	153.00	1.00	153.00
HFWY11	514.12	2.00	257.06
HFWY12	503.80	1.24	404.93
PNCK11	157.83	1.00	157.83
PNCK12	151.00	1.00	151.00
<b>System</b>	<b>35.21</b>	<b>0.12</b>	<b>295.43</b>

**Outage Timeline:**





**OR Rule: 860-023-0160  
Major Event Filing  
October 16, 2012**

**Description:** October 16, 2012 a Major Event Day in our Oregon reliability reporting area occurred. The cause of the event was a fault resulting from a tracking insulator (equipment failure) on a structure near Jordan Valley, Oregon on the Gemm-Jordan Valley (GEMM-JNVY), 69kV transmission line. Customers in the vicinity of Jordan Valley and Rome, Oregon were affected. IPCo personnel located in the Nampa, Idaho area located and repaired the faulted line.

**Transmission Events:**

Line	Begin Time	Cause Description	Event Type	Duration	Comments
GEMM-JNVY 69kV	10/16/12 2:22	Tracking Insulator (Equipment Failure)	Fault - Line	04:38:00	Tracking insulator resulted pole fire

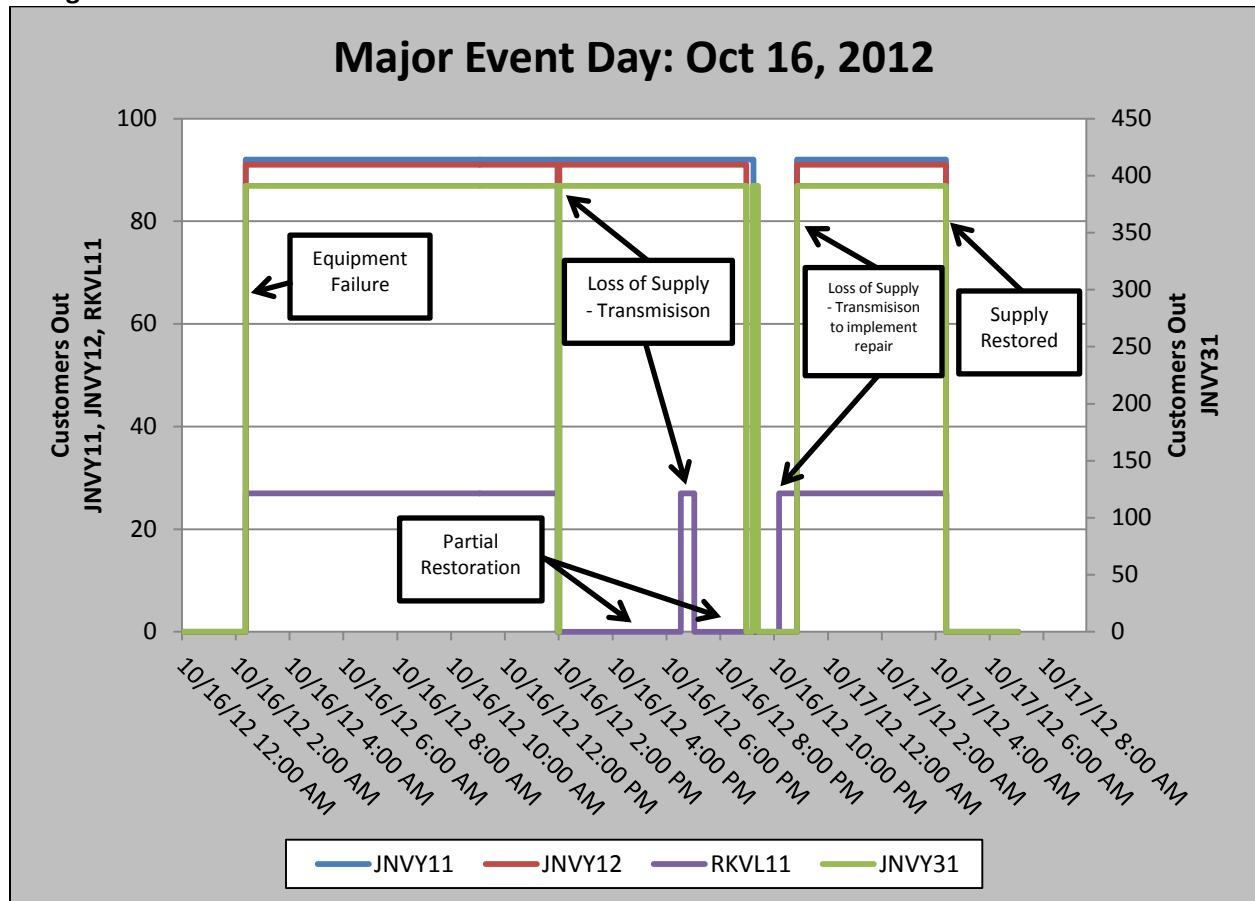
**Customers Affected:** The total number of OR customers affected was 601. The transmission event had the following affect on the customer-serving distribution circuits.

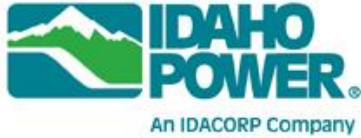
Circuit	Duration (Minutes)	Customers Outages	Customer Minutes Out
<b>JNVY11</b>			
Event 614905	694.38	92	63,883.27
Event 615182	433.00	92	39,836.00
Event 615453	331.00	92	30,452.00
<b>JNVY12</b>			
Event 614907	696.00	91	63,336.00
Event 615183	417.00	91	37,947.00
Event 615454	331.00	91	30,121.00
<b>JNVY31</b>			
Event 614908	696.00	391	272,136.00
Event 615184	417.00	391	163,047.00
Event 615378	289.72	1	289.72
Event 615403	12.00	391	4,692.00
Event 615455	331.00	391	129,421.00
<b>RKVL11</b>			
Event 614906	696.00	27	18,792.00
Event 615365	30.00	27	810.00
Event 615451	372.00	27	10,044.00
<b>Totals</b>	<b>5,746.10</b>	<b>2,195</b>	<b>864,806.98</b>

Some customers on these circuits experienced multiple outages before restoration was complete due to partial restoration efforts. The resulting indices are shown below.

Circuit	Day SAIDI (Minutes)	Day SAIFI	Day CAIDI (Minutes)
JNVY11	1,458.38	3.00	486.13
JNVY12	1,444.00	3.00	481.33
JNVY31	1,456.74	4.00	363.95
RKVL11	1,098.00	3.00	366.00
<b>System</b>	<b>44.28</b>	<b>0.11</b>	<b>393.99</b>

**Outage Timeline:**





**OR Rule: 860-023-0160  
Major Event Filing  
January 23, 2013**

**Description:** January 23, 2013 a Major Event Day in our Oregon reliability reporting area occurred. Transmission relays on the Gemm-Jordan Valley (GEMM-JNVY), 69kV transmission line, indicated the fault causing the event was in the area of Rockville, Oregon but no actual cause was determined. Furthermore, a failed close coil on the GEMM-JNVY 061A station breaker resulted in malfunction of the breaker and this delayed restoration efforts. Customers in the vicinity of Jordan Valley and Rome, Oregon were affected. IPCo personnel located in the Nampa and Payette, Idaho areas responded and repaired facilities.

**Transmission Events:**

Line	Begin Time	Cause Description	Event Type	Duration	Comments
GEMM-JNVY 69kV	1/23/13 15:14	Initial Fault Cause Unknown	Fault - Line	5:11:07	Malfunction of Station Breaker

**Customers Affected:** The number of OR customers affected was 567. The transmission event had the following affect on the customer-serving distribution circuits.

Circuit	Duration (Minutes)	Customer Outages	Customer Minutes Out
JNVY11			
EVENT 621184	312.50	88	27,500.00
JNVY12			
EVENT 621187	313.00	82	25,666.00
JNVY31			
EVENT 621186	580.53	373	216,538.93
RKVL11			
EVENT 621185	139.52	24	3,348.40
EVENT 621206	17.25	1	17.25
<b>Totals</b>	<b>1,362.80</b>	<b>568</b>	<b>273,070.58</b>

Some customers on these circuits experienced multiple outages before restoration was complete. The resulting indices are shown below.

Circuit	Day SAIDI (Minutes)	Day SAIFI	Day CAIDI (Minutes)
JNVY11	312.50	1.00	312.50
JNVY12	313.00	1.00	313.00
JNVY31	580.53	1.00	580.53
RKVL11	140.24	1.04	134.63
<b>System</b>	<b>14.03</b>	<b>0.03</b>	<b>480.76</b>

Outage Timeline:

