

e-FILING REPORT COVER SHEET

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

REPORT NAME:	PGE Major St	torm/Event Exclusion
COMPANY NAME:	Portland Gene	eral Electric
DOES REPORT CO	NTAIN CONFI	IDENTIAL INFORMATION? No Yes
· · ·	•	e cover letter electronically. Submit confidential information as directed in an applicable protective order.
If known, please selec	et designation:	
Report is required by:	OAR	861-023-0161
	Statute	Enter Statute
	Order	Enter PUC Order No.
	Other	Enter reason
Is this report associate	ed with a specif	fic docket/case? No Yes
If yes, enter de	ocket number:	
List applicable Key V Major Storm/Event S		eport to facilitate electronic search: 014
DO <u>NO</u> T electronica	ılly file with th	ne 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.



October 30, 2014

Oregon Public Utility Commission 3930 SW Fairview Industrial Drive SE P.O. Box 1088 Salem OR 97308-1088

Attn: OPUC Filing Center

Labor and Industries Building

Administrator Regulatory Operations Division

Subject:

Major Storm/Event Exclusion

Period: September 24, 2014

Portland General Electric (PGE) hereby submits this report in compliance with OAR 860-023-0161 that requires the electric company to file a report with the Commission within 30 business days after the conclusion of the event. This report provides a summary about the major storm event that occurred on September 24, 2014 for which the CAIDI for all of PGE reliability reporting areas exceeded 5 hours.

OAR 860-023-0161: Major Event Filing by Electric Companies

1. Description of the major event, the interruption causes, and factors that impacted restoration of service.

On September 24, 2014, a fault on the Linneman-Tabor 115 kV transmission line initiated a trip of the line circuit breaker at Linneman substation. The subsequent fault current through the Linneman transformer caused the Sudden Pressure Relay (SPR) to operate and tripped the transformer lockout relay, which locked out the line circuit breaker.

The circuit breaker at Tabor substation attempted to clear the line fault. Two phases cleared successfully, however one phase failed internally causing a fault and explosion within the circuit breaker tank.

The loss of the Linneman-Tabor 115 kV transmission line led to outages at Tabor and Kelly Butte substations.

The extensive fire damage to equipment was a primary factor that impacted PGE's efforts to restore service.

Major Storm/Event Exclusion October 30, 2014 Page 2 of 3

The hardest hit area was in the Central area of PGE service territory; Tabor and Kelly Butte substations.

2. The Reliability reporting area and geographic area impacted

The Central Region of PGE's service territory was impacted by the transmission line fault, and the resulting outages.

3. The total number of customers affected and the number of customers without service at periodic intervals

At the peak of the outage, PGE had approximately 19,737 customers without power. During the event, there were a total of 16,787 customers affected.

Feel free to call John Uwagbae with any questions regarding this filing at (503) 464-2002. Please direct all formal correspondence and requests to the following email address pge.opuc.filings@pgn.com

Sincerely,

James Landstrom,

Manager, Transmission and Distribution Asset Management

Enclosures

c.c. Matthew Craven

Gina Kent

John Uwagbae

Major Storm/Event Exclusion Period: September 24, 2014

Attachment 1

Summary of Outages 5 Hours and Longer for the Entire PGE Service Territory

Provided in Electronic Format Only

Attachment 1 Summary of Outages 5 Hours and Longer PGE Service Territory September 24, 2014

		Outage	Outage			Cust		Return	Return		Feeder
Outage #	Device Open	Date	Time	Outage Date & Time	Feeder Name	Affected	Duration	Date	Time	Cause Code	Region
2322226	04 Line Fuse Open	9/24/2014	12:26 AM	9/24/14 12:26 AM	ISLAND-13187 (1345023)	344	325	9/24/2014	5:51 AM	703 Tree-Broken Limb/Top	С
2322239	04 Line Fuse Open	9/24/2014	12:29 AM	9/24/14 12:29 AM	DURHAM-SATTLER (4224023)	60	478	9/24/2014	8:27 AM	101 OH Conductor Failure	W
2322250	03 Line Recloser Open	9/24/2014	12:32 AM	9/24/14 12:32 AM	HARBORTON-BURLI	153	377	9/24/2014	6:49 AM	703 Tree-Broken Limb/Top	С
2322278	04 Line Fuse Open	9/24/2014	12:48 AM	9/24/14 12:48 AM	MT PLEASANT-SOU	61	736	9/24/2014	1:04 PM	4 Weather-Normal Conditions	С
2322286	04 Line Fuse Open	9/24/2014	12:54 AM	9/24/14 12:54 AM	DUNNS CORNER-DU	267	533	9/24/2014	9:47 AM	703 Tree-Broken Limb/Top	E
2322296	03 Line Recloser Open	9/24/2014	12:59 AM	9/24/14 12:59 AM	ORIENT-ORIENT 1	79	411	9/24/2014	7:50 AM	703 Tree-Broken Limb/Top	Ε
2323632	04 Line Fuse Open	9/24/2014	2:51 AM	9/24/14 2:51 AM	CLACKAMAS-TOLBE	22	491	9/24/2014	11:02 AM	102 UG Conductor Failure	С
2323778	04 Line Fuse Open	9/24/2014	3:35 AM	9/24/14 3:35 AM	YAMHILL-YAMHILL	13	457	9/24/2014	11:12 AM	703 Tree-Broken Limb/Top	S
2323852	04 Line Fuse Open	9/24/2014	3:56 AM	9/24/14 3:56 AM	TEKTRONIX-SHANN	61	326	9/24/2014	9:22 AM	109 OH Clamp Failure	W
2323882	04 Line Fuse Open	9/24/2014	4:14 AM	9/24/14 4:14 AM	TUALATIN-IBACH (4697013)	31	317	9/24/2014	9:31 AM	102 UG Conductor Failure	W
2323915	05 Transformer Fuse Open	9/24/2014	4:44 AM	9/24/14 4:44 AM	NORTH PLAINS-NO	1	423	9/24/2014	11:47 AM	104 Cutout/Fuse/Arrestor Failure	W
2324000	04 Line Fuse Open	9/24/2014	6:47 AM	9/24/14 6:47 AM	NEWBERG-CHEHALE	162	518	9/24/2014	3:25 PM	5 Equip Damage/Misc Public Accident	S
2324050	05 Transformer Fuse Open	1 9/24/2014	7:17 AM	9/24/14 7:17 AM	SIX CORNERS-BOR	1	308	9/24/2014	12:25 PM	101 OH Conductor Failure	W
2324113	04 Line Fuse Open	9/24/2014	8:47 AM	9/24/14 8:47 AM	REDLAND-HENRICI (6581023)	1	577	9/24/2014	6:24 PM	102 UG Conductor Failure	Е
2324139	05 Transformer Fuse Ope	n 9/24/2014	9:15 AM	9/24/14 9:15 AM	NEWBERG-HOOVER	16	362	9/24/2014	3:17 PM	8 Planned Outage	S
2324153	05 Transformer Fuse Ope	1 9/24/2014	9:24 AM	9/24/14 9:24 AM	AMITY-BELLEVUE (2120023)	1	367	9/24/2014	3:31 PM	902 Protective Fuse Operation	S
2324161	05 Transformer Fuse Ope	n 9/24/201 4	9:35 AM	9/24/14 9:35 AM	DAYTON-EAST (4220013)	1	553	9/24/2014	6:48 PM	102 UG Conductor Failure	S
2324219	05 Transformer Fuse Ope	n 9/24/2014	11:39 AM	9/24/14 11:39 AM	NORTH PLAINS-NO	2	375	9/24/2014	5:54 PM	6 Bird/Animal/Squirrel	W
2324325	07 Primary Wire	9/24/2014	5:29 PM	9/24/14 5:29 PM	DAYTON-SOUTHWES	1	335	9/24/2014	11:04 PM	111 Pole Hardware Failure	S
2324327	04 Line Fuse Open	9/24/2014	5:55 PM	9/24/14 5:55 PM	UNIONVALE 13KV (4700013)	1	526	9/25/2014	2:41 AM	110 Pole Failure	S

Major Storm/Event Exclusion Period: September 24, 2014

Attachment 2

Newspaper and Media Releases

Provided in Electronic Format Only

ATTACHMENT 2

NEWSPAPER AND MEDIA RELEASES

- Large Power Outage Overnight
 KEX-AM, Wednesday, September 24, 2014.
- Most Power Restored After massive Outage KPAM-AM, Wednesday, September 24, 2014.

Headline:

Large power outage overnight

Date:

9/24/2014 6:00:00 AM

Media Contact:

Media Outlet:

KEX-AM

[**06:01:38 AM**] ~ newscaster: a large part of east Portland was in the dark overnight. A fire at the substation near Southeast 58th and stark was part of the reason. Katu's Katherine kissell has more. Reporter: PGE is telling us that that fire affected about 7,000 to 8,000 of its customers and that's why they lost power. But the other folks who lost power, we are being told that that is due to weather-related incidents. Newscaster: at the peak of the outage, 45,000 customers were without power. That includes both pacific power and Portland GENERAL ELECTRIC customers.

Headline:

Most power restored after massive outage

Date:

9/24/2014 6:00:00 AM

Media Contact:

Media Outlet:

KPAM-AM

[**06:32:38 AM**] ~~ newscaster: PGE crews well on the way to restoring power after a massive outage overnight. Reporter: the problem started shortly before 1:00 this morning with a fireball at the PGE substation at Southeast 60th and stark. Steve CORSON, PGE spokesman: a breaker on a transmission line that serves the substation failed. The breaker is insulated with a tank full of mineral oil and that caught fire, which caused a pretty dramatic fire. Reporter: and that outage spread like wildfire through the system, says Steve CORSON. Corson: it knocked out power directly to about 7,000 or 8,000 customers here served by this substation and then indirectly to a total of around 17,000 or 18,000 customers when other breakers down the same transmission line tripped as as result of this incident. Reporter: the good news is those outages reduced to about 1,000 customers now in five counties. Mark provost, am 860 kpam.