

RE ____ e-FILING REPORT COVER SHEET

REPORT NAME:

PGE Major Storm/Event Exclusion

COMPANY NAME:

Portland General Electric

DOES REPORT CONTAIN CONFIDENTIAL INFORMATION?

No

If known, please select designation:

RE (Electric)

Report is required by:

OAR 860-023-0161

Is this report associated with a specific docket/case?

No

Key words:

Major Storm/Event April 7, 2013

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

Electric Rates and Planning



Portland General Electric Company
121 SW Salmon Street • Portland, Oregon 97204
PortlandGeneral.com

April 29, 2013

Oregon Public Utility Commission
550 Capitol Street, N.E., Suite 215
Salem OR 97301-2551

Attn: OPUC Filing Center
Labor and Industries Building
Administrator Regulatory Operations Division

Subject: Major Storm/Event Exclusion
Period: April 7, 2013

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 of the major storm event that occurred on April 7, 2013 for which the CAIDI for all of PGE reliability reporting areas exceeded five 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 Sunday April 7, 2013, the entire PGE service territory experienced a spring windstorm with wind gusts in excess of 41 mph. The heavy wind caused tree limbs to break and trees to topple, some of which fell into power lines and caused the outages. The extensive damage was the primary factor that affected PGE's efforts to restore service.

The hardest hit areas were in the Eastern and Southern areas of PGE service territory; Newberg experienced wind gusts of 54 mph, Oregon City experienced wind gusts of 52 mph and Canby experienced wind gusts of 46 mph.

2. The Reliability reporting area and geographic area impacted

The entire PGE service territory was impacted by the windstorm, 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 storm, PGE had approximately 10,109 customers without power. During the storm, there were a total of 11,093 customers affected.

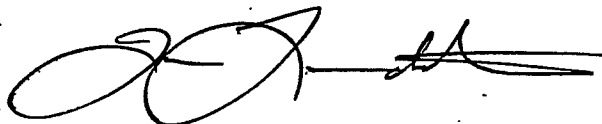
4. The calculated SAIDI, SAIFI, and CAIDI impacts (i.e., “Event SAIDI¹, SAIFI², CAIDI³ and T_{med}⁴”) associated with the Major Event to customers on a reliability reporting area and a system-wide basis

	RELIABILITY REPORTING AREAS				SYSTEM-WIDE BASIS
	CENTRAL	EASTERN	SOUTHERN	WESTERN	PGE SERVICE TERRITORY
<i>SAIDI</i>	0.48	14.78	6.81	0.33	4.64
<i>SAIFI</i>	0	0.04	0.01	0	0.01
<i>CAIDI</i>	287	368	456	340	386
<i>Customers out at peak</i>	380	6,948	2,515	266	10,109
<i>T_{med}</i>					4.05

¹ SAIDI - System Average Interruption Duration Index
² SAIFI - System Average Interruption Frequency Index
³ CAIDI - Customer Average Interruption Duration Index
⁴ T_{med} - Major event day identification threshold value

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@pqn.com.

Sincerely,

A handwritten signature in black ink, appearing to be 'JL', with a horizontal line extending to the right.

James Landstrom,
Manager, Transmission and Distribution Asset Management

Enclosures

c.c. Matthew Craven
Gina Kent
John Uwagbae

**Major Storm/Event Exclusion
Period: April 7, 2013**

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
April 7, 2013

Outage #	Device Open	Outage Date	Outage Time	Feeder Name	Cust Affected	Duration	Return Date	Return Time	Interrupt Location	Feeder Region
2079770	04 Line Fuse Open	4/7/2013	5:35 PM	LELAND-CARUS (6402023)	1	1271	4/8/2013	2:46 PM	56031/0025TF	E
2076832	04 Line Fuse Open	4/7/2013	6:21 AM	UNIONVALE-UNION	18	1067	4/8/2013	12:08 AM	C53-22A/00278CO	S
2076069	05 Transformer Fuse Open	4/7/2013	3:16 AM	ESTACADA-ESTACA	1	1035	4/7/2013	8:31 PM	36745/0025TF	E
2079844	07 Primary Wire	4/8/2013	7:01 AM	HUBER-MARYVILLE (4330043)	1	1000	4/8/2013	11:41 PM	00564/0225TF	W
2076082	04 Line Fuse Open	4/7/2013	4:41 AM	NEWBERG-DUNDEE (4485023)	21	935	4/7/2013	8:16 PM	C33-35B/00568CO	S
2077115	04 Line Fuse Open	4/7/2013	6:46 AM	BRIGHTWOOD-BRIG	2	923	4/7/2013	10:09 PM	D26-30B/00009CO	E
2077231	04 Line Fuse Open	4/7/2013	6:55 AM	WILLAMINA-BRIDG	4	911	4/7/2013	10:06 PM	C57-23C/00429CO	S
2076387	04 Line Fuse Open	4/7/2013	5:35 AM	AMITY-BELLEVUE (2120023)	22	878	4/7/2013	8:13 PM	C55-29D/01089CO	S
2077423	05 Transformer Fuse Open	4/7/2013	7:11 AM	SPRINGBROOK-ST	1	840	4/7/2013	9:11 PM	31183/0010TF	S
2076085	04 Line Fuse Open	4/7/2013	4:49 AM	LIBERTY-ROSEDAL	67	816	4/7/2013	9:49 PM	C83-33A/00592CO	S
2076479	04 Line Fuse Open	4/7/2013	5:47 AM	SILVERTON-NORTH (2665013)	10	807	4/7/2013	7:14 PM	C61-35B/00396CO	S
2079955	05 Transformer Fuse Open	4/8/2013	11:18 AM	DAYTON-EAST (4220013)	1	807	4/9/2013	12:45 AM	61561/0050TF	S
2077174	05 Transformer Fuse Open	4/7/2013	6:51 AM	SCOGGINS-CHERRY	1	789	4/7/2013	8:00 PM	26463/0025TF	W
2076742	03 Line Recloser Open	4/7/2013	6:15 AM	REDLAND-REDLAND	1163	785	4/7/2013	10:36 PM	0000007299/RECS	E
2076664	04 Line Fuse Open	4/7/2013	6:08 AM	BRIGHTWOOD-BRIG	25	775	4/7/2013	7:03 PM	D26-24C/00269CO	E
2079897	07 Primary Wire	4/8/2013	9:00 AM	YAMHILL-CARLTON (4760023)	1	767	4/8/2013	9:47 PM	57479/0025TF	E
2077944	05 Transformer Fuse Open	4/7/2013	8:03 AM	BRIGHTWOOD-NORT	3	753	4/7/2013	8:36 PM	05149/0010TF	S
2077620	04 Line Fuse Open	4/7/2013	7:31 AM	COLTON-GRAYS HI	8	751	4/7/2013	8:02 PM	D43-12A/00838CO	S
2077074	05 Transformer Fuse Open	4/7/2013	6:42 AM	REDLAND-HENRICI (6581023)	1	745	4/7/2013	7:07 PM	82666/0025TF	E
2076373	04 Line Fuse Open	4/7/2013	5:34 AM	ORIENT-BARLOW (5517023)	12	729	4/7/2013	5:43 PM	D14-16A/01364CO	E
2077418	04 Line Fuse Open	4/7/2013	7:11 AM	HILLSBORO-LAURE	10	722	4/7/2013	7:13 PM	C23-10B/00283CO	W
2077171	04 Line Fuse Open	4/7/2013	6:51 AM	BOONES FERRY-WE	22	675	4/7/2013	6:06 PM	D21-09B/07018CO	W
2075946	05 Transformer Fuse Open	4/5/2013	7:29 PM	PORTSMOUTH-WILL	4	662	4/6/2013	6:31 AM	71147/0025TF	C
2077860	03 Line Recloser Open	4/7/2013	7:54 AM	ST LOUIS-WEST (2630023)	22	660	4/7/2013	6:54 PM	0000002586/RECS	S
2080148	05 Transformer Fuse Open	4/9/2013	12:58 PM	AMITY-BELLEVUE (2120023)	1	645	4/9/2013	11:43 PM	10133/0050TF	S
2077897	07 Primary Wire	4/7/2013	7:57 AM	CANBY-BUTTEVILL	1	641	4/7/2013	6:38 PM	39021/0050TF	C
2078574	05 Transformer Fuse Open	4/7/2013	8:51 AM	ORIENT-BARLOW (5517023)	1	640	4/7/2013	7:31 PM	23546/0010TF	E
2076231	04 Line Fuse Open	4/7/2013	5:25 AM	NEWBERG-CHEHALE	32	622	4/7/2013	6:22 PM	C33-14A/00829CO	S
2077008	03 Line Recloser Open	4/7/2013	6:36 AM	CLACKAMAS-GLADS	14	612	4/7/2013	4:48 PM	0000008198/RECS	C
2076077	04 Line Fuse Open	4/7/2013	4:23 AM	SILVERTON-SOUTH (2665023)	35	602	4/7/2013	4:55 PM	D71-09D/00254CO	S
2076709	05 Transformer Fuse Open	4/7/2013	6:13 AM	ORIENT-BARLOW (5517023)	3	599	4/7/2013	4:12 PM	29549/0015TF	E
2076915	04 Line Fuse Open	4/7/2013	6:27 AM	MERIDIAN-MERIDI	5	587	4/7/2013	4:14 PM	D31-06A/00926CO	W
2079787	04 Line Fuse Open	4/7/2013	9:50 PM	ORIENT-ORIENT 1	26	554	4/8/2013	7:04 AM	A15-34B/00275CO	E
2076406	03 Line Recloser Open	4/7/2013	5:38 AM	CLACKAMAS-GLADS	59	536	4/7/2013	4:48 PM	0000008156/RECS	C
2077037	05 Transformer Fuse Open	4/7/2013	6:39 AM	HOGAN SOUTH-LAW	7	514	4/7/2013	3:13 PM	59616/0025TF	E
2080163	07 Primary Wire	4/9/2013	2:35 PM	HARBORTON-BURLI	1	508	4/9/2013	11:03 PM	00607/0150TF	C
2077255	05 Transformer Fuse Open	4/7/2013	6:57 AM	CLACKAMAS-EVELY	15	506	4/7/2013	3:23 PM	11199/0050TF	C
2076092	04 Line Fuse Open	4/7/2013	4:53 AM	MERIDIAN-MERIDI	29	502	4/7/2013	3:21 PM	D21-30D/05295CO	W
2077688	02 Feeder Breaker Open	4/7/2013	7:37 AM	CANBY-BUTTEVILL	1189	495	4/7/2013	3:52 PM	6190043FB	S
2076170	04 Line Fuse Open	4/7/2013	5:15 AM	ESTACADA-ESTACA	56	481	4/7/2013	3:16 PM	D34-29A/01179CO	E
2077001	04 Line Fuse Open	4/7/2013	6:35 AM	GALES CREEK-GAL	70	478	4/7/2013	4:32 PM	B14-06A/00250CO	W
2080141	05 Transformer Fuse Open	4/9/2013	12:18 PM	SHERIDAN-EAST (2660023)	1	462	4/9/2013	8:00 PM	04730/0050TF	S
2076083	04 Line Fuse Open	4/7/2013	4:45 AM	YAMHILL-CARLTON (4760023)	113	457	4/7/2013	2:16 PM	C35-23C/00126CO	S
2077763	04 Line Fuse Open	4/7/2013	7:44 AM	ORIENT-BARLOW (5517023)	4	453	4/7/2013	3:17 PM	D14-07A/01809CO	E
2080032	03 Line Recloser Open	4/9/2013	6:38 AM	ST LOUIS-WEST (2630023)	1	441	4/9/2013	1:59 PM	10542/0010TF	S
2076072	04 Line Fuse Open	4/7/2013	3:32 AM	SILVERTON-WEST (2665033)	32	414	4/7/2013	12:10 PM	C72-01C/00090CO	S
2076627	04 Line Fuse Open	4/7/2013	6:03 AM	COLTON-DHOOGHE (6208013)	51	399	4/7/2013	2:22 PM	D53-05B/00321CO	S
2079660	04 Line Fuse Open	4/7/2013	2:45 PM	YAMHILL-CARLTON (4760023)	11	391	4/7/2013	9:16 PM	C35-20A/00235CO	S
2076203	02 Feeder Breaker Open	4/7/2013	5:24 AM	LELAND-CARUS (6402023)	2378	390	4/7/2013	11:54 AM	6402023FB	E
2077147	04 Line Fuse Open	4/7/2013	6:49 AM	BORING-282ND (5177033)	18	386	4/7/2013	1:15 PM	D13-26A/09652CO	E
2076634	04 Line Fuse Open	4/7/2013	6:04 AM	SULLIVAN-ROBINW	43	376	4/7/2013	1:54 PM	D21-13C/03964CO	C
2079848	04 Line Fuse Open	4/8/2013	8:02 AM	YAMHILL-CARLTON (4760023)	12	373	4/8/2013	2:15 PM	C35-01A/02275CO	S
2076140	04 Line Fuse Open	4/7/2013	5:06 AM	HILLCREST-REED (2318043)	572	373	4/7/2013	12:52 PM	C83-13B/07101CO	S
2076704	04 Line Fuse Open	4/7/2013	6:13 AM	GLENDOVEER-NORT	23	368	4/7/2013	12:21 PM	A12-25B/05023CO	E
2076879	04 Line Fuse Open	4/7/2013	6:24 AM	HILLSBORO-LAURE	12	367	4/7/2013	12:31 PM	C12-18D/00436CO	W
2075806	04 Line Fuse Open	4/4/2013	10:06 PM	CANBY-13643 (6190013)	240	360	4/5/2013	5:36 AM	D41-15B/00451CO	S
2076908	04 Line Fuse Open	4/7/2013	6:26 AM	ESTACADA-ESTACA	60	357	4/7/2013	1:52 PM	D33-12D/00641CO	E
2077220	05 Transformer Fuse Open	4/7/2013	6:55 AM	BETHANY-GERMANT	1	354	4/7/2013	12:49 PM	20128/0010TF	W
2080010	06 Transformer	4/8/2013	4:22 PM	HARBORTON-BURLI	1	352	4/8/2013	10:14 PM	22030/0025TF	C
2075617	04 Line Fuse Open	4/3/2013	9:23 PM	HILLSBORO-DAIRY	50	338	4/4/2013	4:25 AM	B13-36A/01888CO	W
2079939	04 Line Fuse Open	4/8/2013	8:02 AM	YAMHILL-CARLTON (4760023)	36	329	4/8/2013	2:53 PM	C34-06A/00833CO	S
2077365	04 Line Fuse Open	4/7/2013	7:08 AM	MT PLEASANT-SOU	6	323	4/7/2013	12:31 PM	D31-11A/04314CO	C

**Major Storm/Event Exclusion
Period: April 7, 2013**

Attachment 2

Newspaper and Media Releases

Provided in Electronic Format Only



Power restored to many after high-winds down trees, power lines



by KGW staff

[Bio](#) | [Email](#) | Follow: [@KGWNews](#)

[kgw.com](#)

Posted on April 8, 2013 at 5:25 AM

Updated Monday, Apr 8 at 5:25 AM

PORTLAND – Power was restored to around 6,000 people in the metro area Sunday after high winds knocked down trees and power lines overnight Saturday and early Sunday morning.

Almost 10,000 people were without power early Sunday as crews from Portland General Electric scrambled to restore service throughout the day.

"Crews are working as quickly and safely as possible. We have restored power to some customers but we are continuing to work until everyone has power," said Elaina Medina with Portland General Electric.

Authorities warn everyone to stay away from downed lines and immediately report any that may be down in your area.

A high-wind advisory was in effect for most of the morning Sunday with sustained winds over 40 mph, said KGW Meteorologist Jim Donovan.

[Forecast](#) | [Radar](#) | [Weather Cameras](#)

A large percentage of the outages were in Clackamas County with Oregon City bearing the brunt of the damages to power lines.

If power is out in your area, call Portland General Electric at 503-464-7777.

[Outage Map](#) | [Outage List](#) | [Report an Outage](#)

For a complete list of outages and to see which counties are affected in the area visit **[PGE's website](#)**.

[Download the FREE Portland Weather mobile app](#)



Headline: LIGHTS OUT FOR 10,000 DUE TO WINDSTORM

Date: 4/8/2013 8:00:00 AM

Media Contact:

Media Outlet: KXL-AM

[**08:06:08 AM**] ~~

NEWSCASTER: CHANCES ARE YOU WON'T HAVE ANY TROUBLE FILLING YOUR YARD DEBRIS BIN THIS WEEK. PAT BOYLE REPORTS A SPRING STORM HAS UPROOTED TREES AND SENT LIMBS FLYING ACROSS THE METRO AREA.

REPORTER: THIS WINDSTORM HIT POCKETS AROUND THE METRO AREA. I HEARD GUSTS AND LOOKED OUT ON THE DECK AND WAS SURPRISED TO SEE JUST ONE MEASLY TREE LIMB AND A FEW MORE PINE CONES, BUT OUR COWORKER ROSEMARY REYNOLDS SENT ME A PICTURE OF WHAT IT LOOKED LIKE AT HER PLACE IN DAMASCUS. SHE HAD SEVERAL TREES THAT FELL ACROSS HER DRIVEWAY, SO THE SOUND IN HER NEIGHBORHOOD WAS A WHOLE LOT OF THIS [SOUND OF CHAIN SAW HEARD] SHE SPENT THREE HOURS CUTTING AND STACKING WOOD. THE STORM BROUGHT WINDS OF 40 MILES PER HOUR, WHICH TOPPLED TREES NOT ONLY AT ROSEMARY'S HOUSE, BUT A TREE FELL IN THE PEARL AT NORTHWEST TWELFTH AND GLISAN. ANOTHER ONE WAS UPROOTED AT 49TH AND STARK, 52ND AND SOUTHEAST PINE AND SEVERAL BLOCKED THE ROAD IN OAK GROVE AT COURTNEY AND RUPERT DRIVE. AS FAR AS POWER OUTAGES, PGE REPORTS IT WAS LIGHTS OUT FOR CLOSE TO 10,000 CUSTOMERS. JUST A LITTLE OVER TWO DOZEN ARE STILL WAITING FOR POWER TO BE RESTORED. PAT BOYLE, FM NEWS 101.