

RE 112 e-FILING REPORT COVER SHEET

REPORT NAME:

PGE's Major Storm/Event Exclusion for Period November 17 and 18, 2015

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:

PGE's Major Storm/Event Exclusion for Period November 17 and 18, 2015

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

December 15, 2015

Oregon Public Utility Commission  
Attn: Filing Center  
201 High Street, S.E.  
P.O. Box 1088  
Salem, OR 97308-1088

Re: Major Storm/Event Exclusion  
Period: November 17 and 18, 2015

Portland General Electric (PGE) hereby submits this report in compliance with OAR 860-023-0161 which requires the electric company to file a report with the Commission within 30 business days after the conclusion of an event. This report provides a summary of the major storm event that occurred on November 17 and November 18, 2015.

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 November 17, 2015, PGE's entire service territory experienced a windstorm with wind gusts in excess of 58 mph. The heavy wind caused tree limbs to break and trees to topple, some of which fell into power lines and caused the outages. At one point, two different 57 kV transmission lines were taken out of service by falling trees. This caused sustained outages to 7 different distribution feeders affecting the Highway 26 area leading up to Mt. Hood. Many of the outages were in remote, hard-to-access areas that made restoration difficult. Toppled trees and tree limbs caused extensive damage to PGE poles and distribution lines.

The affected areas were mostly in the Eastern region of PGE's service territory, where wind gusts topped 58 mph, and PGE's Southern region with wind gusts up to 48 mph.

**2. The Reliability reporting area and geographic area impacted.**

PGE's entire service territory was impacted by the windstorm and the resulting outages. Most outages were in PGE's Eastern and Southern service territories.

**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 25,245 customers without power. During the storm, a total of 43,565 customers were affected.

**4. The calculated SAIDI, SAIFI, and CAIDI impacts (i.e., "Event SAIDI<sup>1</sup>, SAIFI<sup>2</sup>, CAIDI<sup>3</sup> and T<sub>med</sub><sup>4</sup>") associated with the Major Event to on a reliability reporting area and a system-wide basis.**

The following table represents the calculated impacts for SAIDI, SAIFI, CAIDI, T<sub>med</sub>, and system-wide basis totals:

	RELIABILITY REPORTING AREAS			SYSTEM-WIDE BASIS
	EASTERN <sup>1</sup>	SOUTHERN	WESTERN	PGE SERVICE TERRITORY
<i>SAIDI</i> <sup>2</sup>	20.58	1.08	0.65	22.31
<i>SAIFI</i> <sup>3</sup>	0.046	0.003	0.001	0.05
<i>CAIDI</i> <sup>4</sup>	445	379	516	444
<i>Customers out at peak</i>	23,126	1,632	487	25,245
<i>T med</i>				3.80

<sup>1</sup> Eastern and Central regions are now combined and represented as the Eastern region.

<sup>2</sup> SAIDI - System Average Interruption Duration Index

<sup>3</sup> SAIFI - System Average Interruption Frequency Index

<sup>4</sup> CAIDI - Customer Average Interruption Duration Index

**Additional Reporting Related to the November 17 and 18, 2015 Storm Event:**

Attachment A provides a summary of outages within PGE's service territory lasting five (5) hours or longer.

For questions regarding this filing, please contact Terri Bowman at (503) 464-8854. Please direct all formal correspondence and requests to the following email address [pge.opuc.filings@pqn.com](mailto:pge.opuc.filings@pqn.com)

Sincerely,

A handwritten signature in blue ink, appearing to read "James Landstrom", with a long horizontal flourish extending to the right.

James Landstrom,  
Manager, Transmission and Distribution  
Asset Management

Enclosures

## Major Storm/Event Exclusion Period: November 17 and 18, 2015 Attachment A

### Summary of Outages 5 Hours and Longer for PGE Service Territory

Attachment A Summary  
of Outages 5 Hours and Longer  
PGE Service Territory  
November 17 and 18, 2015

Outage #	Device Open	Outage Date	Outage Time	Feeder Name	Cust Affected	Duration	Return Date	Return Time	Interrupt Location	Cause Code	Region	SAIDI	SAIFI	CAIDI
25779	127 ServicePoint	11/18/20	5:12 AM	WELCHES-ZIG ZAG	2	4585	11/21/2015	9:37 AM	SP:RD 28 LOT 6	2051 High Winds	E	0.011	2.31E-06	4585
25381	104 Gang Recloser	11/18/20	7:41 AM	WELCHES-ZIG ZAG	170	4384	11/21/2015	8:45 AM	1389 RECS	2051 High Winds	E	0.861	0.00019	4384
25062	102 Fuse OH	11/18/20	6:26 AM	WELCHES-ZIG ZAG	52	4327	11/21/2015	6:33 AM	D3713D/495 CO	2042 Tree Uprooted	E	0.260	6E-05	4327
25385	127 ServicePoint	11/18/20	9:53 AM	WELCHES-ZIG ZAG	1	4030	11/21/2015	5:03 AM	SP:RD 20 LOT 55	2051 High Winds	E	0.005	1.15E-06	4030
25037	102 Fuse OH	11/18/20	5:46 AM	WELCHES-ZIG ZAG	61	3870	11/20/2015	10:16 PM	D3818D/513 CO	2051 High Winds	E	0.273	7.04E-05	3870
24677	127 ServicePoint	11/17/20	9:15 PM	SUMMIT-SUMMIT 13	1	3777	11/20/2015	12:11 PM	SP:32647 PERRY VICKER DR #E7	2051 High Winds	E	0.004	1.15E-06	3777
25527	127 ServicePoint	11/18/20	11:09 AM	WELCHES-ZIG ZAG	1	3358	11/20/2015	7:07 PM	SP:76280 E ROAD 30	2051 High Winds	E	0.004	1.15E-06	3358
25412	137 PrimaryMeter	11/18/20	10:12 AM	SUMMIT-MEADOWS	1	3152	11/20/2015	2:43 PM	PM:704337629	2042 Tree Uprooted	E	0.004	1.15E-06	3152
25216	104 Gang Recloser	11/17/20	8:09 AM	SUMMIT-SUMMIT 13	72	3051	11/20/2015	11:00 AM	1655 RECS	2004 Forest Fire	E	0.254	8.31E-05	3051
24476	127 ServicePoint	11/18/20	7:41 PM	WELCHES-WELCHES 13	1	3036	11/19/2015	10:17 PM	SP:68905 E BRIDGE ST	2051 High Winds	E	0.004	1.15E-06	3036
25349	127 ServicePoint	11/18/20	9:27 AM	WELCHES-ZIG ZAG	1	3020	11/20/2015	11:47 AM	SP:RD 28 LOT 6	2051 High Winds	E	0.003	1.15E-06	3020
24686	133 Transformer OH	11/17/20	9:18 PM	WELCHES-ZIG ZAG	5	2917	11/19/2015	9:45 PM	36354/25 TF	2051 High Winds	E	0.017	5.77E-06	2917
23760	127 ServicePoint	11/18/20	6:19 PM	WELCHES-ZIG ZAG	1	2879	11/19/2015	6:18 PM	SP:24756 TIGER LILLY DR	2051 High Winds	E	0.003	1.15E-06	2879
26105	102 Fuse OH	11/18/20	7:19 PM	WELCHES-ZIG ZAG	30	2866	11/20/2015	7:06 PM	D3713D/505 CO	2052 Lightning	E	0.099	3.46E-05	2866
25614	127 ServicePoint	11/18/20	12:02 PM	WELCHES-ZIG ZAG	1	2862	11/20/2015	11:44 AM	SP:RD 28 LOT 17	2051 High Winds	E	0.003	1.15E-06	2862
24828	127 ServicePoint	11/17/20	10:40 PM	WELCHES-ZIG ZAG	1	2859	11/19/2015	10:19 PM	SP:24892 E ARTHUR HAILEY RD	2051 High Winds	E	0.003	1.15E-06	2859
23105	127 ServicePoint	11/17/20	5:36 PM	WELCHES-WELCHES 13	1	2817	11/19/2015	4:33 PM	SP:26542 E PLAZA TRL	2051 High Winds	E	0.003	1.15E-06	2817
25769	127 ServicePoint	11/18/20	1:34 PM	WELCHES-ZIG ZAG	1	2810	11/20/2015	12:24 PM	SP:RD 28 LOT 6	2041 Limb on Line	E	0.003	1.15E-06	2810
25657	127 ServicePoint	11/18/20	12:29 PM	SUMMIT-SUMMIT 13	1	2797	11/20/2015	11:06 AM	SP:90770 E SUMMIT PRAIRIE RD	2051 High Winds	E	0.003	0.00011	2797
25389	102 Fuse OH	11/17/20	9:57 AM	WELCHES-ZIG ZAG	97	2777	11/20/2015	8:14 AM	D3703B/25 CO	2051 High Winds	E	0.311	2	2777
24951	105 Overhead LB Switch	11/17/20	6:30 PM	HOGAN SOUTH-LAWRENCE	6	2747	11/19/2015	4:17 PM	1509 SW	2051 High Winds	E	0.019	6.93E-06	2747
25159	127 ServicePoint	11/17/20	6:28 PM	HOGAN SOUTH-CLEVELAND	1	2641	11/19/2015	2:29 PM	SP:645 NE 26TH ST	2034 Secondary Cable	E	0.003	1.15E-06	2641
26170	102 Fuse OH	11/18/20	4:28 PM	WELCHES-WELCHES 13	74	2590	11/20/2015	11:38 AM	D3705D/43 CO	2051 High Winds	E	0.221	8.54E-05	2590
26170	102 Fuse OH	11/18/20	4:52 PM	WELCHES-WELCHES 13	19	2566	11/20/2015	11:38 AM	D3705D/49 CO	2051 High Winds	E	0.056	2.19E-05	2566
24538	127 ServicePoint	11/17/20	7:58 PM	SANDY-362ND	1	2547	11/19/2015	2:26 PM	SP:18861 SE TICKLE CREEK RD	2041 Limb on Line	E	0.003	1.15E-06	2547
22716	127 ServicePoint	11/17/20	4:45 PM	PLEASANT VALLEY-BAXTER	1	2536	11/19/2015	11:01 AM	SP:13600 SE CLATSOP ST	2051 High Winds	E	0.003	1.15E-06	2536
22716	127 ServicePoint	11/17/20	4:55 PM	PLEASANT VALLEY-BAXTER	1	2526	11/19/2015	11:01 AM	SP:13600 SE CLATSOP ST	2051 High Winds	E	0.003	1.15E-06	2526
24628	133 Transformer OH	11/18/20	8:33 PM	WELCHES-WELCHES 13	4	2517	11/19/2015	2:30 PM	10891/50 TF	2051 High Winds	E	0.012	4.62E-06	2517
25785	127 ServicePoint	11/18/20	1:48 PM	WELCHES-ZIG ZAG	1	2509	11/20/2015	7:37 AM	SP:24995 E OLD SMOKEY RD	2051 High Winds	E	0.003	1.15E-06	2509
24487	127 ServicePoint	11/17/20	6:36 PM	SANDY-WILDCAT	2	2501	11/19/2015	12:17 PM	SP:Null_44	2041 Limb on Line	E	0.006	2.31E-06	2501
24355	102 Fuse OH	11/17/20	4:11 PM	PLEASANT VALLEY-PLEASANT 13	20	2462	11/19/2015	9:13 AM	D1333C/484 CO	2051 High Winds	E	0.057	2.31E-05	2462
22886	133 Transformer OH	11/17/20	5:14 PM	RAMAPO-RAMAPO 13	1	2445	11/19/2015	9:59 AM	22680/10 TF	2051 High Winds	E	0.003	1.15E-06	2445
26028	127 ServicePoint	11/17/20	4:56 PM	BRIGHTWOOD-NORTH BANK	2	2438	11/19/2015	9:33 AM	SP:53600 E MARMOT RD	2051 High Winds	E	0.006	2.31E-06	2438

**Attachment A Summary  
of Outages 5 Hours and Longer  
PGE Service Territory  
November 17 and 18, 2015**

Service Point	Outage Date	Time	Location	Count	Start Date	End Date	Time	Reason	Impact	Category	Priority	Work Order #
24378 127 ServicePoint	11/17/20	7:14 PM	SANDY-362ND	13	2422	11/19/2015	11:36 AM	SP-32700 SE LEEWOOD LN_20	2041 Limb on Line	E	0.036	1.5E-05 2422
25945 127 ServicePoint	11/18/20	4:07 PM	WELCHES-ZIG ZAG	1	2405	11/20/2015	8:12 AM	SP-70769 E MCFARLAND RD	2051 High Winds	E	0.003	1.15E-06 2405
23636 127 ServicePoint	11/17/20	6:03 PM	ESTACADA-FARADAY BRIGHTWOOD-BRIGHTWOOD	1	2399	11/19/2015	10:02 AM	SP-56282 SE LOG LEBARRE RD	2051 High Winds	E	0.003	1.15E-06 2399
24470 127 ServicePoint	11/17/20	7:39 PM	HOGAN SOUTH-LAWRENCE	1	2395	11/19/2015	11:34 AM	SP-59111 E SLEEPY HOLLOW DR	2051 High Winds	E	0.003	1.15E-06 2395
24729 127 ServicePoint	11/18/20	9:43 PM	WELCHES-ZIG ZAG	280	2395	11/19/2015	9:06 PM	2318 RECS	2051 High Winds	E	0.774	0.00032 2395
25015 104 Gang Recloser	11/17/20	5:24 PM	PLEASANT VALLEY-BAXTER	1	2384	11/19/2015	9:07 AM	SP-13706 SE EASTRIDGE ST	2043 Tree / Limb Burning	E	0.003	1.15E-06 2384
22988 127 ServicePoint	11/17/20	5:26 PM	EAGLE CREEK-RIVER MILL	1	2383	11/19/2015	9:09 AM	SP-26700 SE SAMUELS RD	2051 High Winds	E	0.003	1.15E-06 2383
23008 127 ServicePoint	11/17/20	5:19 PM	GLENDOVEER-15588	1	2376	11/19/2015	8:55 AM	SP-832 NE 131ST PL	2042 Tree Uprooted	E	0.003	2.31E-06 2376
22911 127 ServicePoint	11/17/20	9:19 PM	SANDY-362ND	2	2345	11/19/2015	12:24 PM	44993/15 TF	2042 Tree Uprooted	E	0.005	1.15E-06 2345
24691 133 Transformer OH	11/17/20	6:46 PM	ORIENT-BARLOW	1	2341	11/19/2015	9:47 AM	SP-34911 SE HOJMAN RD	2051 High Winds	E	0.003	1.15E-06 2341
24233 127 ServicePoint	11/17/20	7:50 PM	HOGAN NORTH-LINKS	1	2305	11/19/2015	10:15 AM	SP-30850 NE SPRINGHILL RD	2051 High Winds	E	0.003	1.15E-06 2305
24504 127 ServicePoint	11/17/20	7:53 PM	HOGAN NORTH-LINKS	1	2303	11/19/2015	10:16 AM	SP-30815 E WOODDARD RD	2051 High Winds	E	0.003	1.15E-06 2303
24512 127 ServicePoint	11/17/20	7:54 PM	MIDWAY-POWELLHURST BRIGHTWOOD-BRIGHTWOOD	1	2283	11/19/2015	9:57 AM	SP-2931 SE 133RD AVE	2051 High Winds	E	0.003	1.15E-06 2283
24521 127 ServicePoint	11/18/20	5:47 AM	WELCHES-ZIG ZAG	1	2279	11/19/2015	7:46 PM	SP-60250 E HWY 26	2005 Meter	E	0.003	1.15E-06 2279
25038 127 ServicePoint	11/18/20	7:25 AM	WELCHES-ZIG ZAG	1	2253	11/19/2015	8:58 PM	SP-25135 E HEMLOCK DR	2051 High Winds	E	0.003	2.89E-06 2253
25133 127 ServicePoint	11/18/20	9:13 AM	WELCHES-ZIG ZAG	25	2227	11/19/2015	10:20 PM	D2734B/212 CO	2051 High Winds	E	0.064	1.15E-05 2227
25329 102 Fuse OH	11/18/20	8:34 AM	WELCHES-ZIG ZAG	1	2214	11/19/2015	9:28 PM	SP-78992 E ROAD 34 LOT 46	2051 High Winds	E	0.003	1.15E-06 2214
25282 127 ServicePoint	11/17/20	8:48 PM	ORIENT-ORIENT 13	1	2194	11/19/2015	9:22 AM	SP-41930 SE TROUT CREEK RD	2040 Other - Animal	E	0.003	1.15E-06 2194
24643 127 ServicePoint	11/18/20	8:47 AM	WELCHES-ZIG ZAG	1	2179	11/19/2015	9:06 PM	SP-70902 E MCFARLAND RD	2051 High Winds	E	0.003	1.15E-06 2179
25293 127 ServicePoint	11/18/20	12:53 AM	BRIGHTWOOD-BRIGHTWOOD	1	2167	11/19/2015	12:59 PM	SP-59030 E CHALET PL	2051 High Winds	E	0.003	1.15E-06 2167
24927 127 ServicePoint	11/18/20	11:45 AM	WELCHES-ZIG ZAG	1	2103	11/19/2015	10:49 PM	SP-RD 32 LOT 30	2051 High Winds	E	0.002	1.15E-06 2103
25589 127 ServicePoint	11/18/20	12:07 PM	BRIGHTWOOD-BRIGHTWOOD	1	2063	11/19/2015	10:30 PM	SP-58720 E HWY 26	2051 High Winds	E	0.002	1.15E-06 2063
25620 127 ServicePoint	11/18/20	7:28 AM	ORIENT-ORIENT 13	1	2006	11/19/2015	4:55 PM	SP-1835 SE EVANS RD	2051 High Winds	E	0.002	1.15E-06 2006
25140 127 ServicePoint	11/18/20	12:36 AM	ESTACADA-FARADAY BRIGHTWOOD-BRIGHTWOOD	1	2004	11/19/2015	10:00 AM	SP-34111 SE COUPLAND RD	2051 High Winds	E	0.002	1.15E-06 2004
24923 127 ServicePoint	11/18/20	9:23 AM	WELCHES-ZIG ZAG	1	1979	11/19/2015	12:22 PM	SP-53530 E SILVAN DR	2051 High Winds	E	0.002	1.15E-06 1979
24979 127 ServicePoint	11/18/20	9:17 AM	WELCHES-ZIG ZAG	2	1978	11/19/2015	6:16 PM	SP-RD 10 LOT 14	2051 High Winds	E	0.005	2.31E-06 1978
25339 127 ServicePoint	11/18/20	11:15 AM	WELCHES-WELCHES 13	1	1972	11/19/2015	8:07 PM	SP-67981 E EMIGRANT TRL	2051 High Winds	E	0.002	1.15E-06 1972
25536 127 ServicePoint	11/17/20	1:18 PM	WELCHES-WELCHES 13	1	1967	11/18/2015	10:05 PM	SP-27650 E WELCHES RD	2051 High Winds	E	0.002	1.15E-06 1967
22111 127 ServicePoint	11/18/20	4:51 AM	ESTACADA-FARADAY	1	1949	11/19/2015	1:19 PM	SP-47225 SE CLAUSEN RD	2051 High Winds	E	0.002	1.15E-06 1949
25387 127 ServicePoint	11/18/20	4:39 AM	WELCHES-WELCHES 13	54	1935	11/19/2015	12:53 PM	N/A	2051 High Winds	E	0.121	0.05 1935
26146 120 N/A	11/18/20	9:11 AM	ORIENT-ORIENT 13	10	1903	11/19/2015	4:53 PM	A1535C/386 CO	2041 Limb on Line	E	0.022	1.15E-05 1903
25326 102 Fuse OH	11/18/20	6:56 AM	SANDY-362ND	1	1890	11/19/2015	2:27 PM	SP-Null_101	2051 High Winds	E	0.002	1.15E-06 1890
25096 127 ServicePoint	11/17/20	2:42 PM	HOGAN SOUTH-LAWRENCE	1	1864	11/18/2015	9:46 PM	SP-4002 SW RODDUN RD	2010 Fuse / Cutout	E	0.002	1.15E-06 1864
22281 127 ServicePoint	11/18/20	10:29 AM	BRIGHTWOOD-BRIGHTWOOD	1	1852	11/19/2015	5:21 PM	SP-62282 E SALMON ST	2051 High Winds	E	0.002	1.15E-06 1852
25451 127 ServicePoint	11/17/20	6:24 PM	BRIGHTWOOD-BRIGHTWOOD	1	1820	11/19/2015	12:44 AM	SP-61555 E COTTONWOOD RD	2051 High Winds	E	0.002	1.15E-06 1820

Attachment A Summary  
of Outages 5 Hours and Longer  
PGE Service Territory  
November 17 and 18, 2015

Account Number	Service Point	Start Date	Start Time	Location	Duration	Category	Priority	Impact	Notes	Outage Date	Outage Time	Outage Type	Outage Code	Outage Count	Outage Status	Outage Reason	Outage Code	Outage Count	Outage Status	Outage Reason
25020	102 Fuse OH	11/18/20	5:21 AM	BRIGHTWOOD-BRIGHTWOOD	13	1813	46	11/19/2015	11:34 AM	D2619D/18 CO	2042 Tree Uprooted	E	0.096	5.31E-05	1813					
22778	127 ServicePoint	11/17/20	5:01 PM	SANDY-362ND	13	1806	1	11/18/2015	11:07 PM	SP-55008 SE GUNDERSON RD	2051 High Winds	E	0.002	1.15E-06	1806					
25275	127 ServicePoint	11/18/20	8:36 AM	BRIGHTWOOD-BRIGHTWOOD	13	1796	1	11/19/2015	2:33 PM	SP-19955 E SUNRAE DR	2057 Other - Environment / Weather	E	0.002	1.15E-06	1796					
25984	127 ServicePoint	11/18/20	4:44 PM	WELCHES-ZIG ZAG	13	1785	1	11/19/2015	10:28 PM	SP-RD 20 LOT 58	2051 High Winds	E	0.002	1.15E-06	1785					
25647	127 ServicePoint	11/18/20	10:12 AM	WELCHES-ZIG ZAG	13	1778	2	11/19/2015	3:50 PM	SP-24803 E TIGERLILY DR	2042 Tree Uprooted	E	0.004	2.31E-06	1778					
26002	127 ServicePoint	11/18/20	4:55 PM	WELCHES-ZIG ZAG	13	1774	1	11/19/2015	10:29 PM	SP-28421 E ROAD 20D	2051 High Winds	E	0.002	1.15E-06	1774					
24211	127 ServicePoint	11/17/20	6:43 PM	EAGLE CREEK-RIVER MILL	13	1771	1	11/19/2015	12:15 AM	SP-28555 SE HWY 224	2051 High Winds	E	0.002	1.15E-06	1771					
25299	127 ServicePoint	11/18/20	3:39 PM	WELCHES-ZIG ZAG	13	1767	1	11/19/2015	9:06 PM	SP-70902 E MCFARLAND RD	2051 High Winds	E	0.002	1.15E-06	1767					
24972	102 Fuse OH	11/18/20	2:58 AM	BRIGHTWOOD-BRIGHTWOOD	13	1765	42	11/19/2015	8:23 AM	D2625B/1083 CO	2051 High Winds	E	0.086	4.85E-05	1765					
25874	127 ServicePoint	11/18/20	9:31 AM	BRIGHTWOOD-BRIGHTWOOD	13	1761	2	11/19/2015	2:52 PM	SP-19300 E SUMMERTIME DR_2	2051 High Winds	E	0.004	2.31E-06	1761					
22871	127 ServicePoint	11/17/20	5:11 PM	ESTACADA-FARADAY	13	1749	1	11/18/2015	10:20 PM	SP-48594 SE TUMALA MOUNTAIN RD	2042 Tree Uprooted	E	0.002	1.15E-06	1749					
22754	127 ServicePoint	11/17/20	4:56 PM	WELCHES-WELCHES 13	13	1743	1	11/18/2015	10:00 PM	SP-27063 E WELCHES RD_1	2051 High Winds	E	0.002	1.15E-06	1743					
22762	127 ServicePoint	11/17/20	4:57 PM	ESTACADA-FARADAY	13	1741	1	11/18/2015	9:59 PM	SP-42395 SE PORTER RD	2051 High Winds	E	0.002	1.15E-06	1741					
22754	127 ServicePoint	11/17/20	5:10 PM	WELCHES-WELCHES 13	13	1730	1	11/18/2015	10:00 PM	SP-27063 E WELCHES RD_1	2051 High Winds	E	0.002	1.15E-06	1730					
24459	127 ServicePoint	11/17/20	5:49 PM	WELCHES-WELCHES 13	13	1691	2	11/19/2015	9:59 PM	SP-69005 E BIRDIE LN	2051 High Winds	E	0.004	1.15E-06	1691					
26172	133 Transformer OH	11/18/20	4:47 PM	WELCHES-WELCHES 13	13	1686	1	11/19/2015	8:52 PM	7234/15 TF	2010 Fuse / Cutout	E	0.002	1.15E-06	1686					
25103	127 ServicePoint	11/18/20	7:04 AM	BRIGHTWOOD-NORTH BANK	13	1680	1	11/19/2015	11:04 AM	SP-69653 E BARLOW TRAIL RD	2051 High Winds	E	0.002	1.15E-06	1680					
22902	127 ServicePoint	11/17/20	5:18 PM	LENDS-13101	13	1657	1	11/18/2015	8:55 PM	SP-6318 SE 89TH AVE	2051 High Winds	E	0.002	1.15E-06	1657					
24459	127 ServicePoint	11/18/20	6:26 PM	WELCHES-WELCHES 13	13	1654	1	11/19/2015	9:59 PM	SP-69005 E BIRDIE LN	2051 High Winds	E	0.002	1.15E-06	1654					
24470	127 ServicePoint	11/18/20	8:12 AM	BRIGHTWOOD-BRIGHTWOOD	13	1643	1	11/19/2015	11:34 AM	SP-59111 E SLEEPY HOLLOW DR	2051 High Winds	E	0.002	1.15E-06	1643					
25659	102 Fuse OH	11/18/20	12:31 PM	WELCHES-ZIG ZAG	13	1638	36	11/19/2015	3:49 PM	D3703D/46 CO	2051 High Winds	E	0.068	4.16E-05	1638					
23691	127 ServicePoint	11/17/20	5:46 PM	EAGLE CREEK-BARTON	13	1637	2	11/18/2015	9:04 PM	SP-36312 SE DOUGLASS RD	2051 High Winds	E	0.004	2.31E-06	1637					
24378	127 ServicePoint	11/18/20	8:25 AM	SANDY-362ND	13	1631	7	11/19/2015	11:36 AM	SP-32700 SE LEEWOOD LN_20	2041 Limb on Line	E	0.013	8.08E-06	1631					
25532	127 ServicePoint	11/18/20	11:13 AM	WELCHES-WELCHES 13	13	1623	1	11/19/2015	2:16 PM	SP-28363 E WELCHES RD	2051 High Winds	E	0.002	1.15E-06	1623					
24729	127 ServicePoint	11/18/20	10:35 AM	HOGAN SOUTH-LAWRENCE	13	1623	1	11/19/2015	1:38 PM	SP-1460 SW 25TH CT	2043 Tree / Limb Burning	E	0.002	1.15E-06	1623					
26028	127 ServicePoint	11/18/20	6:41 AM	BRIGHTWOOD-NORTH BANK	13	1612	2	11/19/2015	9:33 AM	SP-53600 E MARMOT RD	2051 High Winds	E	0.004	2.31E-06	1612					
24306	127 ServicePoint	11/17/20	5:23 PM	HARMONY-MILWAUKIE	13	1601	1	11/18/2015	8:04 PM	SP-14624 SE WANDA DR	2005 Meter	E	0.002	1.15E-06	1601					
24184	102 Fuse OH	11/18/20	6:41 PM	RAMAPO-RAMAPO 13	13	1598	5	11/18/2015	9:19 PM	D1223B/800 CO	2041 Limb on Line	E	0.009	5.77E-06	1598					
25906	102 Fuse OH	11/18/20	3:22 PM	WELCHES-WELCHES 13	13	1596	24	11/19/2015	5:58 PM	D3705A/36 CO	2051 High Winds	E	0.044	2.77E-05	1596					
25538	102 Fuse OH	11/18/20	11:17 AM	ORIENT-ORIENT 13	13	1594	27	11/19/2015	1:51 PM	D1504A/884 CO	2042 Tree Uprooted	E	0.050	3.12E-05	1594					
24413	102 Fuse OH	11/17/20	7:24 PM	SANDY-SANDY 13	13	1592	3	11/19/2015	9:56 PM	D2528A/364 CO	2041 Limb on Line	E	0.006	3.46E-06	1592					
26167	102 Fuse OH	11/18/20	3:31 PM	WELCHES-WELCHES 13	13	1589	38	11/19/2015	6:01 PM	D3704C/50 CO	2051 High Winds	E	0.070	4.39E-06	1589					
23782	127 ServicePoint	11/17/20	6:22 PM	BORING-CITY	13	1584	2	11/18/2015	8:46 PM	SP-28222 SE FERN DR TRLR	2051 High Winds	E	0.004	2.31E-05	1584					
23782	127 ServicePoint	11/17/20	6:33 PM	BORING-CITY	13	1573	1	11/18/2015	8:46 PM	SP-28222 SE FERN DR TRLR	2051 High Winds	E	0.002	1.15E-06	1573					
24184	102 Fuse OH	11/17/20	7:20 PM	RAMAPO-RAMAPO 13	13	1559	1	11/18/2015	9:19 PM	D1223B/800 CO	2041 Limb on Line	E	0.002	1.15E-06	1559					
24928	102 Fuse OH	11/18/20	12:55 AM	SANDY-362ND	13	1540	357	11/19/2015	2:35 AM	D2428A/3527 CO	2051 High Winds	E	0.635	0.00041	1540					



Attachment A Summary  
of Outages 5 Hours and Longer  
PGE Service Territory  
November 17 and 18, 2015

Outage ID	Service Point	Location	Start Date	Start Time	End Date	End Time	Duration	Category	Impact	Count	Priority	Notes
25299	127 ServicePoint	BRIGHTWOOD-NORTH BANK	11/18/20	8:31 AM	11/19/2015	10:11 AM	3	1539	E	0.005	3.46E-06	2041 Limb on Line
23743	102 Fuse OH	PLEASANT VALLEY-SUN	11/17/20	6:16 PM	11/18/2015	7:54 PM	23	1538	E	0.041	2.66E-05	2051 High Winds
23400	102 Fuse OH	FAIRVIEW-TROUTDALE	11/17/20	5:54 PM	11/18/2015	7:27 PM	43	1533	E	0.076	4.97E-05	2051 High Winds
25912	127 ServicePoint	ORIENT-ORIENT 13	11/18/20	3:27 PM	11/19/2015	4:54 PM	1	1527	E	0.002	1.15E-06	2041 Limb on Line
23199	127 ServicePoint	COLTON-GRAYS HILL	11/17/20	5:46 PM	11/18/2015	7:13 PM	3	1526	E	0.005	3.46E-06	2042 Tree Uprooted
23782	127 ServicePoint	BORING-CITY	11/17/20	7:26 PM	11/18/2015	8:46 PM	1	1520	E	0.002	1.15E-06	2051 High Winds
25668	127 ServicePoint	ORIENT-ORIENT 13	11/18/20	12:36 PM	11/19/2015	1:45 PM	1	1510	E	0.002	1.15E-06	2051 High Winds
24704	127 ServicePoint	ORIENT-ORIENT 13	11/17/20	9:22 PM	11/18/2015	10:28 PM	1	1506	E	0.002	1.15E-06	2051 High Winds
24470	127 ServicePoint	BRIGHTWOOD-BRIGHTWOOD 13	11/18/20	10:30 AM	11/19/2015	11:34 AM	1	1504	E	0.002	1.15E-06	2051 High Winds
25440	102 Fuse OH	EAGLE CREEK-BARTON	11/18/20	10:26 AM	11/19/2015	11:19 AM	8	1493	E	0.014	9.24E-06	2051 High Winds
25327	127 ServicePoint	WELCHES-WELCHES 13	11/18/20	9:11 AM	11/19/2015	9:59 AM	1	1488	E	0.002	1.15E-06	2051 High Winds
24457	127 ServicePoint	SANDY-WILDCAT	11/17/20	7:33 PM	11/18/2015	8:15 PM	1	1482	E	0.002	1.15E-06	2051 High Winds
23145	127 ServicePoint	COLTON-GRAYS HILL	11/17/20	5:40 PM	11/18/2015	6:14 PM	1	1473	E	0.002	1.15E-06	2020 Other - Pole Hardware Failure
22660	127 ServicePoint	PLEASANT VALLEY-SUN	11/17/20	4:28 PM	11/18/2015	4:56 PM	2	1468	E	0.003	3.46E-06	2041 Limb on Line
25265	127 ServicePoint	ESTACADA-FARADAY	11/17/20	9:10 PM	11/18/2015	9:35 PM	3	1465	E	0.005	3.46E-06	2051 High Winds
25632	127 ServicePoint	SANDY-362ND	11/18/20	12:11 PM	11/19/2015	12:25 PM	1	1455	E	0.002	1.15E-06	2043 Tree / Limb Burning
23322	127 ServicePoint	REDLAND-REDLAND 13	11/17/20	5:52 PM	11/18/2015	6:07 PM	1	1455	E	0.002	1.15E-06	2041 Limb on Line
23796	127 ServicePoint	HARBORTON-BURLINGTON	11/17/20	6:24 PM	11/18/2015	6:25 PM	1	1441	E	0.002	1.15E-06	2010 Fuse / Cutout
26108	127 ServicePoint	ORIENT-ORIENT 13	11/17/20	8:46 AM	11/19/2015	8:36 AM	2	1430	E	0.003	2.31E-06	2042 Tree Uprooted
24670	127 ServicePoint	ESTACADA-FARADAY	11/17/20	9:08 PM	11/18/2015	8:59 PM	1	1430	E	0.002	1.15E-06	2051 High Winds
24387	127 ServicePoint	BELL-WICHITA	11/17/20	7:16 PM	11/18/2015	6:48 PM	2	1412	E	0.003	1.15E-06	2035 Network Protector
24683	127 ServicePoint	ESTACADA-FARADAY	11/17/20	9:17 PM	11/18/2015	8:44 PM	1	1407	E	0.002	1.15E-06	2051 High Winds
22266	127 ServicePoint	WELCHES-WELCHES 13	11/18/20	2:33 PM	11/19/2015	1:41 PM	1	1388	E	0.002	1.15E-06	2051 High Winds
25353	127 ServicePoint	BRIGHTWOOD-BRIGHTWOOD 13	11/18/20	9:28 AM	11/19/2015	8:36 AM	1	1388	E	0.002	1.15E-06	2051 High Winds
25398	127 ServicePoint	EAGLE CREEK-RIVER MILL	11/18/20	10:04 AM	11/19/2015	9:11 AM	1	1387	E	0.002	1.15E-06	2051 High Winds
24250	127 ServicePoint	BRIGHTWOOD-BRIGHTWOOD 13	11/17/20	6:47 PM	11/18/2015	5:40 PM	1	1372	E	0.002	1.15E-06	2051 High Winds
22540	104 Gang Recloser	ESTACADA-FARADAY	11/17/20	3:59 PM	11/18/2015	2:45 PM	1	1365	E	0.002	1.15E-06	2051 High Winds
22892	127 ServicePoint	ISLAND-13180	11/17/20	5:15 PM	11/18/2015	3:54 PM	2	1359	E	0.003	2.31E-06	2042 Tree Uprooted
22157	102 Fuse OH	GALES CREEK-GALES CREEK 13	11/17/20	1:54 PM	11/18/2015	12:31 PM	103	1357	W	0.161	0.00011	2051 High Winds
22569	102 Fuse OH	ORIENT-BARLOW	11/17/20	4:06 PM	11/18/2015	2:38 PM	30	1351	E	0.047	3.46E-05	2051 High Winds
23703	104 Gang Recloser	GALES CREEK-GALES CREEK 13	11/17/20	6:12 PM	11/18/2015	4:38 PM	126	1346	W	0.196	0.00014	2051 High Winds
24919	127 ServicePoint	RAMAPO-EMERALD	11/18/20	12:32 AM	11/19/2015	10:50 PM	1	1337	E	0.002	1.15E-06	2042 Tree Uprooted
22506	127 ServicePoint	WELCHES-WELCHES 13	11/17/20	3:47 PM	11/18/2015	2:04 PM	1	1337	E	0.002	1.15E-06	2051 High Winds
25218	102 Fuse OH	EAGLE CREEK-RIVER MILL	11/17/20	9:35 PM	11/18/2015	7:05 PM	8	1289	E	0.012	9.24E-06	2051 High Winds
22896	102 Fuse OH	REDLAND-HENRICI	11/17/20	5:16 PM	11/18/2015	2:39 PM	9	1283	E	0.013	1.04E-05	2042 Tree Uprooted
22995	102 Fuse OH	ORIENT-BARLOW	11/17/20	5:24 PM	11/18/2015	2:41 PM	4	1277	E	0.006	4.62E-06	2051 High Winds

Attachment A Summary  
of Outages 5 Hours and Longer  
PGE Service Territory  
November 17 and 18, 2015

Outage ID	Equipment	Date	Time	Location	Count	Duration	Category	Impact	Priority	Notes				
22676	102 Fuse OH	11/17/20	4:36 PM	REDLAND-HENRICI	7	1276	11/18/2015	1:52 PM	D3308D/6580 CO	2051 High Winds	E	0.010	8.08E-06	1276
22468	102 Fuse OH	11/17/20	3:38 PM	BORING-282ND	17	1275	11/18/2015	12:53 PM	D1326A/9652 CO	2051 High Winds	E	0.025	1.96E-05	1275
25711	102 Fuse OH	11/18/20	1:08 PM	WELCHES-WELCHES 13	244	1273	11/19/2015	10:21 AM	D3704C/50 CO	2051 High Winds	E	0.359	0.00028	1273
25583	127 ServicePoint	11/17/20	7:15 PM	MULINO-SOUTH	2	1268	11/18/2015	4:23 PM	SP:15715 S WAVE RD	2057 Other - Environment / Weather	E	0.003	2.31E-06	1268
22535	127 ServicePoint	11/17/20	3:57 PM	BORING-282ND	1	1266	11/18/2015	1:04 PM	SP:9400 SE HIDEAWAY CT	2051 High Winds	E	0.001	1.15E-06	1266
25910	127 ServicePoint	11/18/20	3:27 PM	WELCHES-ZIG ZAG	1	1264	11/19/2015	12:31 PM	SP:70972 E JENNIE LN	2051 High Winds	E	0.001	1.15E-06	1264
22064	107 SCADA Breaker	11/17/20	12:50 PM	BLUE LAKE-BLUE LAKE 13	8	1261	11/18/2015	9:51 AM	BLUE LAKE-BLUE LAKE 13 FB	2033 Primary Cable	E	0.012	9.24E-06	1261
23675	127 ServicePoint	11/17/20	6:09 PM	HOGAN NORTH-LINKS	1	1257	11/18/2015	3:07 PM	SP:1001 SE EVANS RD	2051 High Winds	E	0.001	1.15E-06	1257
22768	127 ServicePoint	11/17/20	4:59 PM	REDLAND-HENRICI	1	1251	11/18/2015	1:50 PM	SP:20000 S RAINBOW FOREST LN	2051 High Winds	E	0.001	1.15E-06	1251
23790	127 ServicePoint	11/17/20	6:24 PM	HOGAN NORTH-LINKS	1	1250	11/18/2015	3:13 PM	SP:2607 NE PARK ST	2051 High Winds	E	0.001	1.15E-06	1250
24941	127 ServicePoint	11/18/20	1:28 AM	COLTON-DHOOGHE	1	1225	11/18/2015	9:54 PM	SP:18874 S FERNWOOD RD	2051 High Winds	S	0.001	1.15E-06	1225
25861	127 ServicePoint	11/17/20	2:56 PM	WELCHES-WELCHES 13	1	1221	11/19/2015	11:17 AM	SP:68930 E TAWNEY LN	2057 Other - Environment / Weather	E	0.001	1.15E-06	1221
23074	102 Fuse OH	11/17/20	5:34 PM	CLACKAMAS-GLADSTONE DUNNS CORNER-DUNNS CORNER 13	21	1216	11/18/2015	1:49 PM	D2217B/2449 CO	2051 High Winds	E	0.029	2.42E-05	1216
23156	102 Fuse OH	11/17/20	5:42 PM	COLTON-DHOOGHE	18	1209	11/18/2015	1:51 PM	D2506B/24 CO	2051 High Winds	E	0.025	2.08E-05	1209
22314	127 ServicePoint	11/17/20	3:13 PM	MOLALLA-MARQUAM	1	1205	11/18/2015	11:18 AM	SP:40385 S SAWTELL RD_1	2041 Limb on Line	S	0.001	1.15E-06	1205
24851	127 ServicePoint	11/17/20	11:15 PM	HOGAN SOUTH-LAWRENCE	1	1200	11/18/2015	7:15 PM	SP:3451 SW BELLA VISTA AVE	2051 High Winds	E	0.001	1.15E-06	1200
24582	127 ServicePoint	11/17/20	8:10 PM	MULINO-SOUTH	1	1195	11/18/2015	4:05 PM	SP:14890 S JORDAN RD_1	2051 High Winds	E	0.001	1.15E-06	1195
22714	133 Transformer OH	11/17/20	4:44 PM	CENTENNIAL-CENTENNIAL 13	16	1194	11/18/2015	12:38 PM	18244/50 TF	2051 High Winds	E	0.022	1.85E-05	1194
24492	127 ServicePoint	11/17/20	7:45 PM	HOGAN NORTH-LINKS	1	1191	11/18/2015	3:36 PM	SP:3821 SE DOUGLASS CT	2032 Other - Underground Hardware Failure	E	0.001	1.15E-06	1191
23129	127 ServicePoint	11/17/20	5:07 PM	LELAND-CARUS	2	1190	11/18/2015	12:56 PM	SP:15999 S BUCKNER CREEK RD	2051 High Winds	E	0.003	2.31E-06	1190
24372	127 ServicePoint	11/17/20	7:11 PM	MOLALLA-FOREST	1	1183	11/18/2015	2:54 PM	SP:16001 S HWY 211	2041 Limb on Line	S	0.001	1.15E-06	1183
22728	102 Fuse OH	11/17/20	4:48 PM	LELAND-CARUS	7	1182	11/18/2015	12:31 PM	D4210D/873 CO	2006 Primary Conductor	E	0.010	8.08E-06	1182
22765	104 Gang Recloser	11/17/20	4:58 PM	DUNNS CORNER-DUNNS CORNER 13	251	1181	11/18/2015	12:39 PM	1696 RECS	2051 High Winds	E	0.342	0.00029	1181
24188	127 ServicePoint	11/17/20	6:41 PM	HOGAN NORTH-LINKS	1	1174	11/18/2015	2:15 PM	SP:43401 NE LATOURELL RD	2051 High Winds	E	0.001	1.15E-06	1174
23131	102 Fuse OH	11/18/20	5:39 PM	CARVER-CARVER 13	6	1169	11/18/2015	1:08 PM	D2308A/3172 CO	2020 Other - Pole Hardware Failure	E	0.008	6.93E-06	1169
26180	127 ServicePoint	11/17/20	9:28 PM	ORIENT-ORIENT 13	1	1167	11/19/2015	4:55 PM	SP:523 SE RED ELDER DR	2041 Limb on Line	E	0.001	1.15E-06	1167
24695	127 ServicePoint	11/17/20	9:20 PM	EAGLE CREEK-RIVER MILL	1	1164	11/18/2015	4:44 PM	SP:28680 SE HEIPLE RD	2007 Secondary Conductor	E	0.001	1.15E-06	1164
24443	133 Transformer OH	11/17/20	7:29 PM	FAIRVIEW-KENNEL CLUB	3	1155	11/18/2015	2:44 PM	11776/15 TF	2051 High Winds	E	0.004	3.46E-06	1155
25994	127 ServicePoint	11/18/20	4:53 PM	SANDY-WILDCAT	1	1151	11/19/2015	12:03 PM	SP:39600 KIMBERLY DR	2034 Secondary Cable	E	0.001	1.15E-06	1151
24230	127 ServicePoint	11/17/20	6:45 PM	ORIENT-ORIENT 13	1	1142	11/18/2015	1:48 PM	SP:37000 SE GORDON CREEK RD	2051 High Winds	E	0.001	1.15E-06	1142
24862	127 ServicePoint	11/17/20	11:40 PM	REDLAND-HENRICI	1	1142	11/18/2015	6:41 PM	SP:17150 S SEAL CT	2051 High Winds	E	0.001	1.15E-06	1142
24016	127 ServicePoint	11/17/20	6:34 PM	SANDY-WILDCAT	2	1141	11/18/2015	1:35 PM	SP:41598 SE KITZMILLER RD	2051 High Winds	E	0.003	2.31E-06	1141
25963	133 Transformer OH	11/17/20	4:31 PM	HOGAN SOUTH-LAWRENCE	2	1126	11/19/2015	11:18 AM	49223/15 TF	2051 High Winds	E	0.003	2.54E-06	1126
23495	102 Fuse OH	11/17/20	5:57 PM	CENTENNIAL-CENTENNIAL 13	22	1122	11/18/2015	12:39 PM	D1305C/3585 CO	2051 High Winds	E	0.029	2.31E-05	1122
24592	127 ServicePoint	11/17/20	8:15 PM	BLUE LAKE-BLUE LAKE 13	2	1118	11/18/2015	2:53 PM	SP:20502 NE INTERLACHEN LN	2051 High Winds	E	0.003	1.15E-06	1118
24364	127 ServicePoint	11/17/20	7:09 PM	WELCHES-WELCHES 13	1	1118	11/18/2015	1:48 PM	SP:25600 E WELCHES RD	2051 High Winds	E	0.001	1.15E-06	1118

Attachment A Summary  
of Outages 5 Hours and Longer  
PGE Service Territory  
November 17 and 18, 2015

ServicePoint	Outage Date	Outage Time	Location	Duration	Category	Priority	Impact	Notes	Category	Priority	Impact	Notes
26108	11/18/20	2:00 PM	ORIENT-ORIENT 13	1	1116	11/19/2015	8:36 AM	SP-2815 NE BROWER RD_1	E	0.001	2042 Tree Uprooted	1.15E-06 1116
24568	11/17/20	8:06 PM	FAIRVIEW-KENNEL CLUB	1	1113	11/18/2015	2:39 PM	SP-1870 SE THOMPSON RD	E	0.001	2051 High Winds	1.15E-06 1113
25816	11/18/20	2:10 PM	HOGAN NORTH-LINKS	2	1113	11/19/2015	8:42 AM	SP-32734 NE CHAMBERLAIN RD	E	0.003	2042 Tree Uprooted	2.31E-06 1113
25096	11/17/20	5:35 PM	SANDY-SANDY 13	1	1110	11/18/2015	12:05 PM	SP-49510 SE WEBER RD	E	0.001	2041 Limb on Line	1.15E-06 1110
23546	11/17/20	5:59 PM	CENTENNIAL-BARKER	17	1109	11/18/2015	12:28 PM	D1306A/5172 CO	E	0.022	2193 High Winds	1.96E-05 1109
22848	11/17/20	5:09 PM	SANDY-SANDY 13	18	1108	11/18/2015	11:37 AM	D2534B/1373 CO	E	0.023	2051 High Winds	2.08E-05 1108
23094	11/17/20	5:35 PM	DUNNS CORNER-DUNNS CORNER 13	1	1105	11/18/2015	12:00 PM	SP-11544 SE CAMP HOWARD RD	E	0.001	2051 High Winds	1.15E-06 1105
23205	11/17/20	5:47 PM	SANDY-SANDY 13	1	1098	11/18/2015	12:05 PM	SP-20697 SE GREENLEAF DR	E	0.001	2051 High Winds	1.15E-06 1098
23162	11/17/20	5:43 PM	PLEASANT VALLEY-SUN	95	1098	11/18/2015	12:01 PM	D2306A/15 CO	E	0.120	2051 High Winds	0.00011 1098
22567	11/17/20	4:06 PM	CENTENNIAL-BRAECROFT	22	1096	11/18/2015	10:22 AM	D1306A/3791 CO	E	0.028	2051 High Winds	2.54E-05 1096
22290	11/18/20	3:00 PM	LELAND-CARUS	77	1089	11/18/2015	9:09 AM	D4305D/161 CO	E	0.097	2051 High Winds	8.89E-05 1089
24896	11/17/20	12:07 AM	COLTON-GRAIS HILL	1	1078	11/18/2015	6:05 PM	SP-28938 S BENZINGER RD	S	0.001	2057 Other - Environment / Weather	1.15E-06 1078
22470	11/17/20	3:39 PM	CARVER-SOUTH	10	1072	11/18/2015	9:31 AM	D2215A/2457 CO	E	0.012	2051 High Winds	1.15E-05 1072
24842	11/17/20	11:08 PM	MULINO-SOUTH	1	1069	11/18/2015	4:57 PM	SP-27671 S RINGO RD_1	E	0.001	2051 High Winds	1.15E-06 1069
22719	11/17/20	4:45 PM	CARVER-CARVER 13	63	1067	11/18/2015	10:32 AM	D2307A/78 CO	E	0.078	2051 High Winds	7.27E-05 1067
22855	11/17/20	5:10 PM	CARVER-CARVER 13	1	1067	11/18/2015	10:57 AM	SP-16999 SE TONG RD	E	0.001	2051 High Winds	1.15E-06 1067
25326	11/17/20	5:46 PM	MULINO-SOUTH	1	1064	11/19/2015	4:53 PM	A1535C/386 CO	E	0.001	2041 Limb on Line	1.15E-06 1064
24348	11/17/20	5:46 PM	MULINO-SOUTH	217	1063	11/18/2015	11:30 AM	D4217D/1281 CO	E	0.266	2051 High Winds	0.00025 1063
24572	11/18/20	4:56 PM	SANDY-SANDY 13	168	1063	11/18/2015	10:39 AM	4685 SW	E	0.206	2051 High Winds	0.00019 1063
24959	11/18/20	2:24 AM	BRIGHTWOOD-BRIGHTWOOD	1	1059	11/18/2015	8:03 PM	SP-20160 E SUNRAE DR	E	0.001	2051 High Winds	1.15E-06 1059
25894	11/18/20	3:13 PM	ORIENT-ORIENT 13	1	1043	11/19/2015	8:35 AM	SP-2847 NE BROWER RD	E	0.001	2042 Tree Uprooted	1.15E-06 1043
26004	11/17/20	5:43 PM	BRIGHTWOOD-BRIGHTWOOD	1	1042	11/19/2015	11:05 AM	SP-55885 E HWY 26	E	0.001	2051 High Winds	1.15E-06 1042
24445	11/17/20	7:30 PM	DUNNS CORNER-DUNNS CORNER 13	1	1041	11/18/2015	12:50 PM	SP-8401 SE GROCE RD	E	0.001	2051 High Winds	1.15E-06 1041
24913	11/18/20	12:26 AM	ESTACADA-FARADAY	10	1040	11/18/2015	5:46 PM	D3421D/101 CO	E	0.012	2041 Limb on Line	1.15E-05 1040
24195	11/17/20	6:42 PM	NORTH MARION-MCLAREN	1	1040	11/18/2015	12:01 PM	SP-17533 PULLEY RD NE	S	0.001	2041 Limb on Line	1.15E-06 1040
26168	11/18/20	9:10 PM	WELCHES-WELCHES 13	140	1035	11/19/2015	2:25 PM	D2732D/910 CO	E	0.167	2051 High Winds	0.00016 1035
25835	11/18/20	2:26 PM	DUNNS CORNER-DUNNS CORNER 13	1	1032	11/19/2015	7:38 AM	SP-AT BULL RUN GENERATN STA	E	0.001	2051 High Winds	1.15E-06 1032
22802	11/17/20	5:04 PM	DUNNS CORNER-DUNNS CORNER 13	6	1027	11/18/2015	10:12 AM	D14368/1299 CO	E	0.007	2057 Other - Environment / Weather	6.93E-06 1027
23129	11/17/20	7:49 PM	LELAND-CARUS	1	1027	11/18/2015	12:56 PM	SP-15999 S BUCKNER CREEK RD	E	0.001	2051 High Winds	1.15E-06 1027
24546	11/17/20	7:27 PM	BOONES FERRY-GOODALL	2	1022	11/18/2015	12:29 PM	SP-1910 SW STEPHENSON ST	W	0.002	2041 Limb on Line	2.31E-06 1022
22471	11/17/20	3:39 PM	ABERNETHY-OREGON CITY	16	1020	11/18/2015	8:39 AM	D2216D/7206 CO	E	0.019	2051 High Winds	1.85E-05 1020
22960	11/17/20	5:22 PM	LIBERTY-VISTA	25	1018	11/18/2015	10:20 AM	C8304B/761 CO	S	0.029	2007 Secondary Conductor	2.89E-05 1018
24937	11/17/20	5:16 PM	SHERIDAN-EAST	2	1016	11/18/2015	10:12 AM	SP-7200 SW GOPHER VALLEY RD	S	0.002	2016 OH Connector / Clamp / Jumper	2.31E-06 1016
22518	11/18/20	3:51 PM	ABERNETHY-OREGON CITY	1	1010	11/18/2015	8:41 AM	SP-14681 S BRUNNER RD	E	0.001	2042 Tree Uprooted	1.15E-06 1010
24980	11/18/20	3:25 AM	HOGAN NORTH-LINKS	5	1007	11/19/2015	8:19 PM	A1433B/1116 CO	E	0.006	2042 Tree Uprooted	5.77E-06 1007
25040	11/18/20	5:47 AM	CANBY-BUTTEVILLE	1	1006	11/18/2015	10:34 PM	SP-18755 SHIRLEY AV NE	S	0.001	2044 Car Hit Equipment	1.15E-06 1006

**Attachment A Summary  
of Outages 5 Hours and Longer  
PGE Service Territory  
November 17 and 18, 2015**

23205	127 ServicePoint	11/17/20	7:21 PM	SANDY-SANDY 13	1	1004	11/18/2015	12:05 PM	SP-20697 SE GREENLEAF DR	E	2051 High Winds	1.15E-06	1004
24622	127 ServicePoint	11/17/20	8:31 PM	NORTH MARION-HUBBARD	1	1002	11/18/2015	1:13 PM	SP-11813 NE BROADACRES RD	S	2041 Limb on Line	1.15E-06	1002
24768	127 ServicePoint	11/17/20	10:03 PM	ORIENT-BARLOW	1	1000	11/18/2015	2:42 PM	SP-31405 SE DIVISION DR	E	2057 Other - Environment / Weather	1.15E-06	1000
24287	127 ServicePoint	11/17/20	6:49 PM	HOGAN SOUTH-LAWRENCE	1	996	11/18/2015	11:26 AM	SP-3052 SW TOWLE AVE	E	2051 High Winds	1.15E-06	996
26051	127 ServicePoint	11/18/20	6:11 PM	HOGAN SOUTH-LAWRENCE	1	996	11/19/2015	10:47 AM	SP-765 SW WALTERS DR	E	2051 High Winds	1.15E-06	996
25040	127 ServicePoint	11/18/20	6:00 AM	CANBY-BUTTEVILLE	7	993	11/18/2015	10:34 PM	SP-18755 SHIRLEY AV NE	S	2044 Car Hit Equipment	8.08E-06	993
23946	127 ServicePoint	11/17/20	6:31 PM	HOGAN SOUTH-WALLULA	28	992	11/18/2015	11:03 AM	SP-165 SW EASTMAN PKWY	E	2051 High Winds	3.23E-05	992
24451	102 Fuse OH	11/17/20	7:26 PM	MOLALLA-FOREST	16	989	11/18/2015	11:55 AM	D5202D/2487 CO	S	2051 High Winds	1.85E-05	989
24075	127 ServicePoint	11/17/20	6:36 PM	HOGAN SOUTH-WALLULA	22	988	11/18/2015	11:05 AM	SP-193 SW EASTMAN PKWY	E	2051 High Winds	2.54E-05	988
24152	127 ServicePoint	11/17/20	6:39 PM	HOGAN SOUTH-WALLULA	17	987	11/18/2015	11:06 AM	SP-140 SW EASTMAN PKWY	E	2051 High Winds	1.96E-05	987
24337	127 ServicePoint	11/17/20	5:49 PM	SHERIDAN-EAST	1	983	11/18/2015	10:12 AM	SP-7200 SW GOPHER VALLEY RD	S	2016 OH Connector / Clamp / Jumper	1.15E-06	983
24685	127 ServicePoint	11/17/20	9:18 PM	SANDY-WILDCAT	1	981	11/18/2015	1:39 PM	SP-40191 SE KITZMILLER RD	E	2051 High Winds	1.15E-06	981
26073	127 ServicePoint	11/18/20	6:44 PM	MIDWAY-LYNCH	1	981	11/19/2015	11:04 AM	SP-14603 SE MILL ST	E	2041 Limb on Line	1.15E-06	981
23282	102 Fuse OH	11/17/20	5:51 PM	BORING-282ND	61	976	11/18/2015	10:06 AM	D1313A/3121 CO	E	2051 High Winds	7.04E-05	976
26181	104 Gang Recloser	11/18/20	9:30 PM	ESTACADA-FARADAY	52	969	11/19/2015	1:38 PM	1593 RECS	E	2051 High Winds	6E-05	969
24337	127 ServicePoint	11/17/20	6:06 PM	SHERIDAN-EAST	1	965	11/18/2015	10:12 AM	SP-7200 SW GOPHER VALLEY RD	S	2016 OH Connector / Clamp / Jumper	1.15E-06	965
24994	102 Fuse OH	11/18/20	4:39 AM	WELCHES-WELCHES 13	205	965	11/18/2015	8:44 PM	D2732D/910 CO	E	2051 High Winds	0.00023	965
24553	127 ServicePoint	11/17/20	8:02 PM	SANDY-SANDY 13	1	964	11/18/2015	12:06 PM	SP-47675 SE COALMAN RD	E	2041 Limb on Line	1.15E-06	964
24400	127 ServicePoint	11/17/20	7:20 PM	DUNNS CORNER-DUNNS CORNER 13	1	960	11/18/2015	11:20 AM	SP-11010 SE CAMP HOWARD RD	E	2051 High Winds	1.15E-06	960
23667	108 SCADA Recloser	11/17/20	6:08 PM	SANDY-WILDCAT	1037	954	11/18/2015	10:02 AM	7829 RECS	E	2051 High Winds	0.00119	954
24817	127 ServicePoint	11/17/20	10:33 PM	HOGAN NORTH-LINKS	1	954	11/18/2015	2:26 PM	SP-43015 NE 2ND ST	E	2051 High Winds	1.15E-06	954
24235	102 Fuse OH	11/17/20	6:46 PM	MULINO-SOUTH	50	951	11/18/2015	10:37 AM	D4227B/33 CO	E	2051 High Winds	5.77E-05	951
25175	127 ServicePoint	11/18/20	7:46 AM	ORIENT-ORIENT 13	1	949	11/18/2015	11:35 PM	SP-37709 SE GORDON CREEK RD	E	2041 Limb on Line	1.15E-06	949
22510	102 Fuse OH	11/17/20	3:49 PM	GLENCULLEN-SUNSET	17	945	11/18/2015	7:34 AM	D1117D/2225 CO	E	2051 High Winds	1.96E-05	945
26184	127 ServicePoint	11/18/20	9:32 PM	ESTACADA-FARADAY	1	943	11/19/2015	1:14 PM	SP-40585 SE GEORGE RD	E	2051 High Winds	1.15E-06	943
23051	127 ServicePoint	11/17/20	5:32 PM	HUBER-FARMINGTON	1	942	11/18/2015	9:14 AM	SP-18095 SW ROSA RD	W	2034 Secondary Cable	1.15E-06	942
24430	127 ServicePoint	11/17/20	7:26 PM	HOGAN SOUTH-WALLULA	21	939	11/18/2015	11:05 AM	SP-150 SW EASTMAN PKWY	E	2051 High Winds	2.42E-05	939
24337	127 ServicePoint	11/17/20	6:33 PM	SHERIDAN-EAST	1	939	11/18/2015	10:12 AM	SP-7200 SW GOPHER VALLEY RD	S	2016 OH Connector / Clamp / Jumper	1.15E-06	939
26087	102 Fuse OH	11/18/20	6:58 PM	ESTACADA-FARADAY	10	932	11/19/2015	10:30 AM	D4502C/164 CO	E	2051 High Winds	1.15E-05	932
24631	127 ServicePoint	11/17/20	8:35 PM	SANDY-SANDY 13	1	931	11/18/2015	12:06 PM	SP-47530 SE COALMAN RD	E	2051 High Winds	1.15E-06	931
24937	127 ServicePoint	11/17/20	6:50 PM	SHERIDAN-EAST	1	921	11/18/2015	10:12 AM	SP-7200 SW GOPHER VALLEY RD	S	2016 OH Connector / Clamp / Jumper	1.15E-06	921
23746	102 Fuse OH	11/18/20	6:17 PM	DUNNS CORNER-DUNNS CORNER 13	48	921	11/18/2015	9:38 AM	D1435C/1320 CO	E	2051 High Winds	5.54E-05	921
25752	127 ServicePoint	11/18/20	1:24 PM	NORTHERN-11009	1	916	11/19/2015	4:40 AM	SP-6651 N NEW YORK AVE	E	2021 Overhead Transformer	1.15E-06	916
23928	102 Fuse OH	11/17/20	6:31 PM	HOGAN SOUTH-WALLULA	88	914	11/18/2015	9:45 AM	D1309C/5601 CO	E	2051 High Winds	0.00010	914
24931	102 Fuse OH	11/17/20	7:04 PM	SANDY-362ND	4	910	11/18/2015	10:14 AM	D2416D/849 CO	E	2051 High Winds	4.62E-06	910
24000	127 ServicePoint	11/17/20	6:33 PM	CARVER-CARVER 13	1	901	11/18/2015	9:35 AM	SP-14500 SE RED DIRT RD	E	2051 High Winds	1.15E-06	901

**Attachment A Summary  
of Outages 5 Hours and Longer  
PGE Service Territory  
November 17 and 18, 2015**

11/17/20	24710	127 ServicePoint	11/17/20	15	9:29 PM	SANDY-SANDY 13	1	900	11/18/2015	12:29 PM	SP-20683 SE GREENLEAF DR	2051 High Winds	E	0.001	1.15E-06	900
11/18/20	26159	127 ServicePoint	11/18/20	15	8:24 PM	SANDY-WILDCAT	1	898	11/19/2015	11:22 AM	SP-44840 SE WILDCAT MOUNTAIN DR	2051 High Winds	E	0.001	1.15E-06	898
11/18/20	25807	127 ServicePoint	11/18/20	15	8:53 AM	ESTACADA-FARADAY	14	895	11/18/2015	11:47 PM	SP-32029 SE LAWRENCE RD_1	2051 High Winds	E	0.014	1.62E-05	895
11/17/20	24009	102 Fuse OH	11/17/20	15	6:34 PM	GALES CREEK-GALES CREEK 13	30	884	11/18/2015	9:18 AM	B2523B/82 CO	2051 High Winds	W	0.031	3.46E-05	884
11/17/20	24600	127 ServicePoint	11/17/20	15	8:18 PM	MT PLEASANT-SOUTH END	1	884	11/18/2015	11:02 AM	SP-1017 KING RD	2051 High Winds	E	0.001	1.15E-06	884
11/17/20	24590	127 ServicePoint	11/17/20	15	8:14 PM	SANDY-WILDCAT	3	882	11/18/2015	10:56 AM	SP-25451 SE FIRWOOD RD	2051 High Winds	E	0.003	3.46E-06	882
11/18/20	24944	102 Fuse OH	11/18/20	15	1:40 AM	ORIENT-ORIENT 13	86	881	11/18/2015	4:21 PM	D1423A/2429 CO	2006 Primary Conductor	E	0.087	9.93E-05	881
11/17/20	22518	127 ServicePoint	11/17/20	15	6:01 PM	ABERNETHY-OREGON CITY	1	880	11/18/2015	8:41 AM	SP-14681 S BRUNNER RD	2042 Tree Uprooted	E	0.001	1.15E-06	880
11/17/20	24452	127 ServicePoint	11/17/20	15	7:31 PM	REDLAND-REDLAND 13	1	875	11/18/2015	10:07 AM	SP-17271 S POTTER RD	2051 High Winds	E	0.001	1.15E-06	875
11/17/20	24133	102 Fuse OH	11/17/20	15	6:38 PM	LELAND-CARUS	150	873	11/18/2015	9:11 AM	D4305D/161 CO	2051 High Winds	E	0.151	0.00017	873
11/17/20	24136	102 Fuse OH	11/17/20	15	6:38 PM	LELAND-CARUS	29	871	11/18/2015	9:09 AM	D4304C/905 CO	2051 High Winds	E	0.029	3.35E-05	871
11/17/20	22279	127 ServicePoint	11/17/20	15	2:48 PM	SANDY-362ND	1	859	11/18/2015	5:08 AM	SP-34900 SE COLORADO RD	2051 High Winds	E	0.001	1.15E-06	859
11/17/20	24849	133 Transformer OH	11/17/20	15	11:11 PM	COLTON-GRAYS HILL	2	857	11/18/2015	1:28 PM	33077/15 TF	2057 Other - Environment / Weather	S	0.002	2.31E-06	857
11/17/20	24452	127 ServicePoint	11/17/20	15	7:51 PM	REDLAND-REDLAND 13	1	855	11/18/2015	10:07 AM	SP-17271 S POTTER RD	2051 High Winds	E	0.001	1.15E-06	855
11/17/20	24681	102 Fuse OH	11/17/20	15	9:16 PM	MULINO-SOUTH	162	855	11/18/2015	11:31 AM	D4217D/1281 CO	2051 High Winds	E	0.160	0.00018	855
11/18/20	25265	127 ServicePoint	11/18/20	15	7:24 AM	ESTACADA-FARADAY	1	850	11/18/2015	9:35 PM	SP-33695 SE WOODLAND RD	2051 High Winds	E	0.001	1.15E-06	850
11/18/20	26135	127 ServicePoint	11/18/20	15	8:11 PM	HOGAN NORTH-LINKS	1	846	11/19/2015	10:17 AM	SP-30850 NE SPRINGHILL RD	2051 High Winds	E	0.001	1.15E-06	846
11/18/20	25211	127 ServicePoint	11/18/20	15	8:06 AM	WELCHES-WELCHES 13	1	842	11/18/2015	10:08 PM	SP-66165 E SPRINGBROOK ST	2051 High Winds	E	0.001	1.15E-06	842
11/18/20	26127	127 ServicePoint	11/18/20	15	7:45 PM	BRIGHTWOOD-NORTH BANK	1	836	11/19/2015	9:41 AM	SP-52651 SE MARMOT RD	2051 High Winds	E	0.001	1.15E-06	836
11/18/20	26140	133 Transformer OH	11/18/20	15	8:24 PM	HOGAN NORTH-LINKS	3	835	11/19/2015	10:18 AM	23048/15 TF	2039 Reportable Bird	E	0.003	3.46E-06	835
11/18/20	25095	127 ServicePoint	11/18/20	15	6:48 AM	COLTON-GRAYS HILL	1	829	11/18/2015	8:37 PM	SP-31373 S TIFFANY LN	2007 Secondary Conductor	S	0.001	1.15E-06	829
11/18/20	25063	102 Fuse OH	11/18/20	15	6:26 AM	LELAND-CARUS	5	827	11/18/2015	8:13 PM	D4311C/1195 CO	2051 High Winds	E	0.005	5.77E-06	827
11/17/20	24636	133 Transformer OH	11/17/20	15	8:39 PM	SHERIDAN-EAST	1	826	11/18/2015	10:25 AM	65381/15 TF	2051 High Winds	S	0.001	1.15E-06	826
11/18/20	23922	127 ServicePoint	11/18/20	15	4:26 AM	REDLAND-REDLAND 13	1	820	11/18/2015	6:07 PM	SP-14976 S HOFFMAN RD	2041 Limb on Line	E	0.001	1.15E-06	820
11/17/20	25113	102 Fuse OH	11/17/20	15	7:13 AM	COLTON-GRAYS HILL	7	819	11/18/2015	8:52 PM	D5310A/36 CO	2057 Other - Environment / Weather	S	0.007	8.08E-06	819
11/18/20	24715	127 ServicePoint	11/18/20	15	9:33 PM	HOGAN SOUTH-WALLULA	1	811	11/18/2015	11:04 AM	SP-1954 SW 2ND DR	2051 High Winds	E	0.001	1.15E-06	811
11/18/20	25190	102 Fuse OH	11/18/20	15	7:54 AM	LELAND-CARUS	2	811	11/18/2015	9:25 PM	D4311A/486 CO	2051 High Winds	E	0.002	2.31E-06	811
11/18/20	25217	102 Fuse OH	11/18/20	15	8:10 AM	LELAND-CARUS	4	800	11/18/2015	9:30 PM	D4311D/490 CO	2051 High Winds	E	0.004	4.62E-06	800
11/18/20	25064	127 ServicePoint	11/18/20	15	6:26 AM	ESTACADA-FARADAY	4	799	11/18/2015	7:45 PM	SP-47455 SE HARVEY RD	2051 High Winds	E	0.004	4.62E-06	799
11/18/20	26189	127 ServicePoint	11/18/20	15	9:52 PM	WOODBURN-EAST	1	797	11/19/2015	11:09 AM	SP-12317 NE BARON RD	2031 Stress Cone	S	0.001	1.15E-06	797
11/18/20	24940	127 ServicePoint	11/18/20	15	1:26 AM	BLUE LAKE-BLUE LAKE 13	1	794	11/18/2015	2:40 PM	SP-20115 NE INTERLACHEN LN	2051 High Winds	E	0.001	1.15E-06	794
11/18/20	24993	127 ServicePoint	11/18/20	15	4:36 AM	COLTON-GRAYS HILL	1	792	11/18/2015	5:47 PM	SP-22625 S BONNEY RD	2051 High Winds	S	0.001	1.15E-06	792
11/18/20	23691	127 ServicePoint	11/18/20	15	7:53 AM	EAGLE CREEK-BARTON	2	791	11/18/2015	9:04 PM	SP-36312 SE DOUGLASS RD	2051 High Winds	E	0.002	2.31E-06	791
11/18/20	23172	127 ServicePoint	11/18/20	15	5:44 PM	LELAND-CARUS	1	789	11/18/2015	6:53 AM	SP-19305 S UNGER RD	2041 Limb on Line	E	0.001	1.15E-06	789
11/18/20	25801	127 ServicePoint	11/18/20	15	2:01 PM	SANDY-BLUFF	1	789	11/19/2015	3:10 AM	SP-16903 BLUFF RD	2007 Secondary Conductor	E	0.001	1.15E-06	789
11/18/20	24993	127 ServicePoint	11/18/20	15	4:41 AM	COLTON-GRAYS HILL	1	786	11/18/2015	5:47 PM	SP-22625 S BONNEY RD	2051 High Winds	S	0.001	1.15E-06	786

Attachment A Summary  
of Outages 5 Hours and Longer  
PGE Service Territory  
November 17 and 18, 2015

Case No.	Equipment	Date	Time	Location	Duration	Count	Category	Impact	Notes	Priority	Severity	Count	Category	Impact	Notes	Priority	Severity
22670	102 Fuse OH	11/17/20	4:32 PM	REDLAND-HENRI	15	35	778	11/18/2015	5:30 AM	D33244/595 CO	E	0.031	4.04E-05	2051 High Winds	778	0.031	4.04E-05
22682	127 ServicePoint	11/17/20	2:32 PM	HOGAN NORTH-LINKS	15	1	769	11/18/2015	3:20 AM	SP-29311 SE STARK ST	E	0.001	1.15E-06	2051 High Winds	769	0.001	1.15E-06
25051	127 ServicePoint	11/18/20	6:11 AM	ESTACADA-FARADAY	15	1	767	11/18/2015	6:57 PM	SP-35674 SE TUMALA MOUNTAIN RD_1	E	0.001	1.15E-06	2051 High Winds	767	0.001	1.15E-06
22906	104 Gang Recloser	11/17/20	5:18 PM	LELAND-CARUS	15	353	765	11/18/2015	6:03 AM	3468 RECS	E	0.312	0.00040	2051 High Winds	765	0.312	0.00040
23419	102 Fuse OH	11/17/20	5:54 PM	PLEASANT VALLEY-PLEASANT	13	69	764	11/18/2015	6:38 AM	D1329C/2342 CO	E	0.061	7.97E-05	2051 High Winds	764	0.061	7.97E-05
25351	127 ServicePoint	11/18/20	9:28 AM	LIBERTY-LONE OAK	15	1	763	11/18/2015	10:11 PM	SP-4934 FIR DELL DR SE	S	0.001	1.15E-06	2007 Secondary Conductor	763	0.001	1.15E-06
24648	127 ServicePoint	11/17/20	8:51 PM	BRIGHTWOOD-BRIGHTWOOD	13	1	760	11/18/2015	9:31 AM	SP-59080 E CHALET PL	E	0.001	1.15E-06	2051 High Winds	760	0.001	1.15E-06
25244	104 Gang Recloser	11/17/20	5:49 PM	LELAND-CARUS	15	279	742	11/18/2015	6:11 AM	2370 RECS	E	0.239	0.00032	2051 High Winds	742	0.239	0.00032
25064	127 ServicePoint	11/18/20	7:23 AM	ESTACADA-FARADAY	15	1	741	11/18/2015	7:45 PM	SP-47455 SE HARVEY RD	E	0.001	1.15E-06	2051 High Winds	741	0.001	1.15E-06
25136	127 ServicePoint	11/18/20	8:14 PM	ORIENT-ORIENT 13	15	1	741	11/19/2015	8:34 AM	SP-2815 NE BROWER RD_1	E	0.001	1.15E-06	2006 Primary Conductor	741	0.001	1.15E-06
24983	127 ServicePoint	11/18/20	3:39 AM	COLTON-GRAYS HILL	15	1	740	11/18/2015	3:58 PM	SP-22231 S HUNTER RD	S	0.001	1.15E-06	2057 Other - Environment / Weather	740	0.001	1.15E-06
25270	102 Fuse OH	11/18/20	8:34 AM	COLTON-GRAYS HILL	15	1	737	11/18/2015	8:51 PM	D4336D/44 CO	S	0.001	1.15E-06	2057 Other - Environment / Weather	737	0.001	1.15E-06
24980	102 Fuse OH	11/18/20	7:59 AM	HOGAN NORTH-LINKS	15	1	734	11/18/2015	8:13 PM	A14338/1116 CO	E	0.001	1.15E-06	2042 Tree Uprooted	734	0.001	1.15E-06
24845	127 ServicePoint	11/17/20	11:10 PM	HOGAN SOUTH-LAWRENCE	15	1	734	11/18/2015	11:24 AM	SP-3510 SW TOWLE AVE	E	0.001	1.15E-06	2041 Limb on Line	734	0.001	1.15E-06
25344	127 ServicePoint	11/18/20	9:23 AM	BRIGHTWOOD-BRIGHTWOOD	13	1	733	11/18/2015	9:36 PM	SP-20215 E SUNRAE DR_1	E	0.001	1.15E-06	2051 High Winds	733	0.001	1.15E-06
25325	102 Fuse OH	11/18/20	9:10 AM	COLTON-GRAYS HILL	15	44	702	11/18/2015	8:51 PM	D4334D/462 CO	S	0.036	5.08E-05	2010 Fuse / Cutout	702	0.036	5.08E-05
24937	127 ServicePoint	11/18/20	1:22 AM	LELAND-CARUS	15	1	695	11/18/2015	12:57 PM	SP-15950 S BUCKNER CREEK RD	E	0.001	1.15E-06	2051 High Winds	695	0.001	1.15E-06
25279	127 ServicePoint	11/18/20	8:39 AM	CORNELIUS-CORNELIUS 13	15	1	694	11/18/2015	8:12 PM	SP-3827 SW GOLF COURSE RD_2	W	0.001	1.15E-06	2016 OH Connector / Clamp / Jumper	694	0.001	1.15E-06
25146	127 ServicePoint	11/18/20	7:31 AM	BRIGHTWOOD-NORTH BANK	15	1	676	11/18/2015	6:46 PM	SP-22143 E YAKIMA LN	E	0.001	1.15E-06	2051 High Winds	676	0.001	1.15E-06
24973	127 ServicePoint	11/18/20	3:06 AM	HOGAN NORTH-LINKS	15	1	675	11/18/2015	2:21 PM	SP-42921 NE 3RD ST	E	0.001	1.15E-06	2051 High Winds	675	0.001	1.15E-06
24984	127 ServicePoint	11/18/20	4:01 AM	COLTON-GRAYS HILL	15	1	656	11/18/2015	2:58 PM	SP-29511 S HILLOCKBURN RD	E	0.001	1.15E-06	2051 High Winds	656	0.001	1.15E-06
24953	105 Overhead LB Switch	11/17/20	2:04 AM	WELCHES-WELCHES 13	15	984	653	11/18/2015	12:57 PM	1659 SW	E	0.742	0.00113	2051 High Winds	653	0.742	0.00113
23970	127 ServicePoint	11/18/20	6:33 PM	EAGLE CREEK-RIVER MILL	15	1	651	11/18/2015	5:24 AM	SP-29400 SE RIVER MILL RD	E	0.001	1.15E-06	2041 Limb on Line	651	0.001	1.15E-06
26182	127 ServicePoint	11/18/20	9:31 PM	SANDY-WILDCAT	15	1	650	11/19/2015	8:21 AM	SP-22555 SE BORNSTEDT RD	E	0.001	1.15E-06	2051 High Winds	650	0.001	1.15E-06
24977	127 ServicePoint	11/18/20	3:16 AM	HOGAN NORTH-LINKS	15	1	645	11/18/2015	2:01 PM	SP-43619 E CROWN POINT HWY	E	0.001	1.15E-06	2051 High Winds	645	0.001	1.15E-06
25562	127 ServicePoint	11/18/20	11:28 AM	WELCHES-WELCHES 13	15	1	639	11/18/2015	10:07 PM	SP-66230 E SPRINGBROOK ST	E	0.001	1.15E-06	2051 High Winds	639	0.001	1.15E-06
24930	127 ServicePoint	11/17/20	1:12 AM	SANDY-SANDY 13	15	1	633	11/18/2015	11:45 AM	SP-45220 SE DOWLING RD	E	0.001	0.00010	2051 High Winds	633	0.001	0.00010
22392	102 Fuse OH	11/17/20	3:23 PM	MULTNOMAH-MULTNOMAH	13	91	626	11/18/2015	1:49 AM	D1132A/1439 CO	E	0.066	0.00094	2051 High Winds	626	0.066	0.00094
23513	101 Breaker	11/17/20	5:57 PM	EAGLE CREEK-BARTON	15	818	615	11/18/2015	4:19 AM	EAGLE CREEK-BARTON FB	E	0.581	0.00031	2051 High Winds	615	0.581	0.00031
23038	104 Gang Recloser	11/17/20	5:30 PM	COLTON-GRAYS HILL	15	272	610	11/18/2015	3:40 AM	4299 RECS	E	0.191	1.15E-04	2051 High Winds	610	0.191	1.15E-04
24419	127 ServicePoint	11/17/20	7:25 PM	SCOTT'S MILLS-SCOTT'S MILLS	13	1	608	11/18/2015	5:32 AM	SP-17329 HAZELNUT RIDGE RD NE_1	S	0.001	1.15E-06	2041 Limb on Line	608	0.001	1.15E-06
23691	127 ServicePoint	11/18/20	10:57 AM	EAGLE CREEK-BARTON	15	1	607	11/18/2015	9:04 PM	SP-36312 SE DOUGLASS RD	E	0.001	1.15E-06	2051 High Winds	607	0.001	1.15E-06
25397	127 ServicePoint	11/18/20	8:02 AM	HILLSBORO-LAUREL	15	1	601	11/18/2015	6:04 PM	SP-35566 SW BALD PEAK RD	W	0.001	1.15E-06	2051 High Winds	601	0.001	1.15E-06
24250	127 ServicePoint	11/17/20	7:46 AM	BRIGHTWOOD-BRIGHTWOOD	13	1	594	11/18/2015	5:40 PM	SP-21191 E COUNTRY CLUB RD	E	0.001	1.15E-06	2051 High Winds	594	0.001	1.15E-06
22661	104 Gang Recloser	11/17/20	4:28 PM	REDLAND-REDLAND 13	15	626	593	11/18/2015	2:21 AM	1223 RECS	E	0.429	0.00072	2051 High Winds	593	0.429	0.00072
24855	127 ServicePoint	11/17/20	11:26 PM	GALES CREEK-GALES CREEK 13	15	1	593	11/18/2015	9:19 AM	SP-18548 NW GRIMMETT DR	W	0.001	1.15E-06	2042 Tree Uprooted	593	0.001	1.15E-06

**Attachment A Summary  
of Outages 5 Hours and Longer  
PGE Service Territory  
November 17 and 18, 2015**

25063	102 Fuse OH	11/18/20 10:23 AM	1	589	11/18/2015 8:13 PM	D4311C/1195 CO	E	0.001	1.15E-06	2051 High Winds	589
25061	127 ServicePoint	11/18/20 11:15 AM	1	589	11/18/2015 9:04 PM	SP-36312 SE DOUGLASS RD	E	0.001	1.15E-06	2051 High Winds	589
25280	127 ServicePoint	11/17/20 5:51 PM	1	589	11/18/2015 3:39 AM	SP-26181 S HILLOCKBURN RD	E	0.001	1.15E-06	2006 Primary Conductor	589
24859	102 Fuse OH	11/17/20 11:38 PM	16	589	11/18/2015 9:27 AM	D51238/162 CO	S	0.011	1.85E-05	2051 High Winds	589
25219	127 ServicePoint	11/18/20 8:11 AM	1	588	11/18/2015 5:58 PM	SP-28957 S BENZINGER RD	S	0.001	1.15E-06	2057 Other - Environment / Weather	588
22412	102 Fuse OH	11/17/20 3:26 PM	41	587	11/18/2015 1:13 AM	D1215C/4128 CO	E	0.028	4.73E-05	2041 Limb on Line	587
24419	127 ServicePoint	11/17/20 7:57 PM	10	575	11/18/2015 5:32 AM	SP-17329 HAZELNUT RIDGE RD NE_1	S	0.007	1.15E-05	2041 Limb on Line	575
24419	127 ServicePoint	11/17/20 8:00 PM	4	573	11/18/2015 5:32 AM	SP-17329 HAZELNUT RIDGE RD NE_1	S	0.003	4.62E-06	2041 Limb on Line	573
25003	102 Fuse OH	11/18/20 5:25 PM	4	570	11/18/2015 2:56 AM	D5225D/441 CO	S	0.003	4.62E-06	2042 Tree Uprooted	570
24962	127 ServicePoint	11/18/20 2:30 AM	3	567	11/18/2015 11:57 AM	SP-16712 S STONE HILL DR	S	0.002	3.46E-06	2051 High Winds	567
25366	127 ServicePoint	11/18/20 5:08 AM	2	565	11/18/2015 2:33 PM	SP-18051 S TROUT CREEK RD	S	0.001	2.31E-06	2041 Limb on Line	565
25019	127 ServicePoint	11/18/20 5:20 AM	1	561	11/18/2015 2:41 PM	SP-20106 NE INTERLACHEN LN	E	0.001	1.15E-06	2051 High Winds	561
24419	127 ServicePoint	11/17/20 8:43 PM	1	559	11/18/2015 5:32 AM	SP-17329 HAZELNUT RIDGE RD NE_1	S	0.001	1.15E-06	2041 Limb on Line	559
25454	127 ServicePoint	11/18/20 10:31 AM	1	556	11/18/2015 7:47 PM	SP-2600 NE FALLS ST	E	0.001	1.15E-06	2007 Secondary Conductor	556
25037	104 Gang Recloser	11/17/20 5:30 PM	754	555	11/18/2015 2:45 AM	3191 RECS	E	0.483	0.00087	2051 High Winds	555
24961	127 ServicePoint	11/18/20 2:29 AM	1	554	11/18/2015 11:43 AM	SP-45554 SE DOWLING RD	E	0.001	1.15E-06	2051 High Winds	554
22871	127 ServicePoint	11/18/20 1:12 PM	1	548	11/18/2015 10:20 PM	SP-48594 SE TUMALA MOUNTAIN RD	E	0.001	1.15E-06	2042 Tree Uprooted	548
24419	127 ServicePoint	11/18/20 8:24 PM	1	548	11/18/2015 5:32 AM	SP-17329 HAZELNUT RIDGE RD NE_1	S	0.001	1.15E-06	2041 Limb on Line	548
25696	127 ServicePoint	11/18/20 12:51 PM	1	546	11/18/2015 9:56 PM	SP-49510 SE WEBER RD	E	0.001	1.15E-06	2041 Limb on Line	546
24993	127 ServicePoint	11/18/20 8:44 AM	1	544	11/18/2015 5:47 PM	SP-22625 S BONNEY RD	S	0.001	1.15E-06	2051 High Winds	544
25043	127 ServicePoint	11/18/20 5:59 AM	1	535	11/18/2015 2:55 PM	SP-14149 S BUTTE CREEK RD	S	0.001	1.15E-06	2051 High Winds	535
25986	127 ServicePoint	11/18/20 4:49 PM	1	535	11/19/2015 1:44 AM	SP-22838 S LANGDON LN	E	0.001	1.15E-06	2051 High Winds	535
25414	104 Gang Recloser	11/18/20 10:13 AM	178	530	11/18/2015 7:03 PM	7678 RECS	E	0.109	0.00020	2051 High Winds	530
22469	102 Fuse OH	11/17/20 3:38 PM	18	525	11/18/2015 12:23 AM	D321SD/620 CO	E	0.011	2.08E-05	2051 High Winds	525
25443	127 ServicePoint	11/18/20 10:27 AM	1	521	11/18/2015 7:08 PM	SP-40977 SE WILDCAT MOUNTAIN DR	E	0.001	1.15E-06	2051 High Winds	521
25553	102 Fuse OH	11/18/20 11:25 AM	10	516	11/18/2015 8:01 PM	D2424D/1675 CO	E	0.006	1.15E-05	2051 High Winds	516
22120	102 Fuse OH	11/17/20 1:26 PM	16	515	11/17/2015 10:01 PM	B1136D/637 CO	W	0.010	1.85E-05	2051 High Winds	515
25358	102 Fuse OH	11/18/20 9:31 AM	5	513	11/18/2015 6:04 PM	D4429D/981 CO	S	0.003	5.77E-06	2057 Other - Environment / Weather	513
24581	127 ServicePoint	11/17/20 8:10 PM	1	512	11/18/2015 4:42 AM	SP-25351 E CEDAR GLEN LOOP	E	0.001	1.15E-06	2042 Tree Uprooted	512
22629	102 Fuse OH	11/17/20 4:16 PM	17	505	11/18/2015 12:41 AM	D2422A/681 CO	E	0.010	1.96E-05	2051 High Winds	505
23992	127 ServicePoint	11/18/20 6:33 PM	1	505	11/18/2015 2:58 AM	SP-3204 FAIRVIEW WAY	W	0.001	1.15E-06	2051 High Winds	505
25091	102 Fuse OH	11/18/20 6:52 AM	6	496	11/18/2015 3:09 PM	D4308C/518 CO	E	0.003	6.93E-06	2051 High Winds	496
25726	127 ServicePoint	11/18/20 1:14 PM	1	493	11/18/2015 9:26 PM	SP-25371 S SCHOCKLEY RD	E	0.001	1.15E-06	2051 High Winds	493
22598	127 ServicePoint	11/17/20 4:10 PM	1	491	11/18/2015 12:22 AM	SP-20400 S EARLE RD	S	0.001	1.15E-06	2041 Limb on Line	491
25449	102 Fuse OH	11/18/20 5:35 AM	81	485	11/18/2015 1:40 PM	D2114B/3647 CO	W	0.045	9.35E-05	2051 High Winds	485
24993	127 ServicePoint	11/18/20 9:42 AM	1	485	11/18/2015 5:47 PM	SP-22625 S BONNEY RD	S	0.001	1.15E-06	2051 High Winds	485

**Attachment A Summary  
of Outages 5 Hours and Longer  
PGE Service Territory  
November 17 and 18, 2015**

25639	127 ServicePoint	11/18/20 12:15 PM	ESTACADA-FARADAY	1	485	11/18/2015	8:20 PM	SP-42395 SE PORTER RD	E	0.001	1.15E-06	2041 Limb on Line	485
23770	102 Fuse OH	11/17/20 5:32 PM	COLTON-GRAYS HILL	40	484	11/18/2015	1:36 AM	D4428C/576 CO	S	0.022	4.62E-05	2051 High Winds	484
22306	104 Gang Recloser	11/17/20 3:11 PM	BETHEL-GEER	421	479	11/17/2015	11:10 PM	1878 RECS	S	0.233	0.00048	2051 High Winds	479
25760	127 ServicePoint	11/18/20 1:31 PM	PLEASANT VALLEY-SUN	2	476	11/18/2015	9:27 PM	SP-16400 SE HAGEN RD	E	0.001	2.31E-06	2051 High Winds	476
25190	102 Fuse OH	11/18/20 1:34 PM	LELAND-CARUS	2	471	11/18/2015	9:25 PM	D4311A/486 CO	E	0.001	2.31E-06	2051 High Winds	471
25118	127 ServicePoint	11/18/20 7:18 AM	SCOTTS MILLS-SCOTTS MILLS 13	2	468	11/18/2015	3:06 PM	SP-39800 S COOPER RD_1	S	0.001	1.15E-06	2051 High Winds	468
22964	127 ServicePoint	11/17/20 5:22 PM	LIBERAL-LIBERAL 13	1	458	11/18/2015	1:01 AM	SP-11330 S RIGGS DAMM RD	S	0.001	3.46E-06	2041 Limb on Line	458
25190	102 Fuse OH	11/18/20 1:47 PM	LELAND-CARUS	3	457	11/18/2015	9:25 PM	D4311A/486 CO	E	0.002	0.00097	2051 High Winds	457
22499	108 SCADA Recloser	11/17/20 3:45 PM	MOLALLA-YODER	840	456	11/17/2015	11:21 PM	2672 RECS	S	0.442	1.15E-06	2051 High Winds	456
24419	127 ServicePoint	11/17/20 9:57 PM	SCOTTS MILLS-SCOTTS MILLS 13	1	456	11/18/2015	5:32 AM	NE_1	S	0.001	1.15E-06	2041 Limb on Line	456
24419	127 ServicePoint	11/17/20 10:00 PM	SCOTTS MILLS-SCOTTS MILLS 13	1	453	11/18/2015	5:32 AM	NE_1	S	0.001	1.15E-06	2041 Limb on Line	453
22020	127 ServicePoint	11/17/20 12:15 PM	HOGAN NORTH-HOGAN NORTH 13	2	452	11/17/2015	7:48 PM	SP-10230 SE 252ND DR	E	0.001	1.15E-06	2051 High Winds	452
25867	127 ServicePoint	11/18/20 3:00 PM	ORIENT-ORIENT 13	1	450	11/18/2015	10:31 PM	SP-32615 SE HURLBURT RD	E	0.001	0.00087	2051 High Winds	450
24951	105 Overhead LB Switch	11/17/20 6:30 PM	HOGAN SOUTH-LAWRENCE	757	450	11/18/2015	2:00 AM	1509 SW	E	0.393	1.15E-06	2051 High Winds	450
25469	127 ServicePoint	11/18/20 10:37 AM	COLTON-GRAYS HILL	1	449	11/18/2015	6:06 PM	SP-28937 S BENZINGER RD	S	0.001	1.15E-06	2057 Other - Environment / Weather	449
25065	133 Transformer OH	11/18/20 6:28 AM	SCOTTS MILLS-SCOTTS MILLS 13	2	448	11/18/2015	1:56 PM	69783/25 TF	S	0.001	2.31E-06	2041 Limb on Line	448
22020	127 ServicePoint	11/17/20 12:23 PM	HOGAN NORTH-HOGAN NORTH 13	1	445	11/17/2015	7:48 PM	SP-10230 SE 252ND DR	E	0.001	1.15E-06	2051 High Winds	445
23770	102 Fuse OH	11/18/20 6:21 PM	COLTON-GRAYS HILL	3	434	11/18/2015	1:36 AM	D4428C/576 CO	S	0.002	3.46E-06	2051 High Winds	434
25171	127 ServicePoint	11/18/20 7:46 AM	SCOTTS MILLS-SCOTTS MILLS 13	1	430	11/18/2015	2:56 PM	SP-13901 S BUTTE CREEK RD	S	0.000	1.15E-06	2051 High Winds	430
23770	102 Fuse OH	11/17/20 6:30 PM	COLTON-GRAYS HILL	3	426	11/18/2015	1:36 AM	D4428C/576 CO	S	0.001	3.46E-06	2051 High Winds	426
22529	107 SCADA Breaker	11/17/20 6:23 PM	SUMMIT-SUMMIT 13	244	425	11/18/2015	1:27 AM	SUMMIT-SUMMIT 13 FB	E	0.120	0.00028	2193 High Winds	425
21824	102 Fuse OH	11/17/20 8:42 AM	GALES CREEK-GALES CREEK 13	6	421	11/17/2015	3:13 PM	B1428A/860 CO	W	0.003	6.93E-06	2051 High Winds	421
25219	107 SCADA Breaker	11/17/20 6:23 PM	BRIGHTWOOD-BRIGHTWOOD 13	771	418	11/18/2015	1:21 AM	BRIGHTWOOD-BRIGHTWOOD 13 FB	E	0.372	0.00093	2184 Tree Uprooted	418
22794	107 SCADA Breaker	11/17/20 6:23 PM	BRIGHTWOOD-NORTH BANK	806	416	11/18/2015	1:19 AM	BRIGHTWOOD-NORTH BANK FB	E	0.387	1.15E-06	2184 Tree Uprooted	416
25846	127 ServicePoint	11/18/20 2:33 PM	PLEASANT VALLEY-SUN	1	412	11/18/2015	9:25 PM	SP-16380 SE HAGEN RD	E	0.000	0.00210	2051 High Winds	412
22101	107 SCADA Breaker	11/17/20 6:23 PM	WELCHES-WELCHES 13	1822	411	11/18/2015	1:14 AM	WELCHES-WELCHES 13 FB	E	0.865	0.00041	2042 Tree Uprooted	411
23993	102 Fuse OH	11/17/20 5:54 PM	SANDY-362ND	357	408	11/18/2015	12:42 AM	D2428A/3527 CO	E	0.168	0.00055	2051 High Winds	408
23820	107 SCADA Breaker	11/17/20 6:23 PM	SUMMIT-GOVERNMENT CAMP	482	408	11/18/2015	1:11 AM	SUMMIT-GOVERNMENT CAMP FB	E	0.227	1.62E-05	2193 High Winds	408
24174	107 SCADA Breaker	11/17/20 6:23 PM	SUMMIT-MEADOWS	14	408	11/18/2015	1:11 AM	SUMMIT-MEADOWS FB	E	0.007	4.62E-06	2193 High Winds	408
24250	127 ServicePoint	11/18/20 10:14 AM	BRIGHTWOOD-BRIGHTWOOD 13	4	407	11/18/2015	5:40 PM	SP-21191 E COUNTRY CLUB RD	E	0.002	1.15E-06	2051 High Winds	407
25415	127 ServicePoint	11/18/20 10:14 AM	MULIND-SOUTH	1	405	11/18/2015	4:59 PM	SP-27571 S RINGO RD	E	0.000	0.00169	2051 High Winds	405
22460	107 SCADA Breaker	11/18/20 6:23 PM	WELCHES-ZIG ZAG	1464	405	11/18/2015	1:09 AM	WELCHES-ZIG ZAG FB	E	0.685	1.15E-06	2042 Tree Uprooted	405
25280	127 ServicePoint	11/18/20 8:39 AM	COLTON-GRAYS HILL	1	405	11/18/2015	3:23 PM	SP-22123 S SAM RD	S	0.000	1.15E-06	2057 Other - Environment / Weather	405
26097	127 ServicePoint	11/18/20 7:08 PM	OSWEGO-MARYLHURST	1	404	11/19/2015	1:53 AM	SP-1517 GLENNMORRIE DR	W	0.000	2.31E-06	2051 High Winds	404
24189	127 ServicePoint	11/17/20 5:38 PM	COLTON-DHOOGHE	2	401	11/18/2015	12:15 AM	SP-20070 S YOUNG RD	S	0.001	2.31E-06	2051 High Winds	401
22155	133 Transformer OH	11/17/20 1:54 PM	GALES CREEK-GALES CREEK 13	2	401	11/17/2015	8:34 PM	16817/15 TF	W	0.001	2.31E-06	2051 High Winds	401



**Attachment A Summary  
of Outages 5 Hours and Longer  
PGE Service Territory  
November 17 and 18, 2015**

21773	102 Fuse OH	11/17/20 12:27 AM	DENNY-WEST	110	400	11/17/2015 7:07 AM	C1121C/9935 CO	W	0.0012	2037 Submersible Transformer	7	400
24394	127 ServicePoint	11/17/20 7:04 PM	MOLALLA-MARQUAM	1	399	11/18/2015 1:44 AM	SP-38490 S DICKEY PRAIRIE RD	S	0.000	2042 Tree Uprooted	06	399
25644	102 Fuse OH	11/18/20 12:19 PM	MIDWAY-DOUGLAS SCOTTS MILLS-SCOTTS MILLS	33	396	11/18/2015 6:55 PM	D1202A/12829 CO	E	0.015	2041 Limb on Line	05	396
25230	127 ServicePoint	11/18/20 8:22 AM	COLTON-GRAYS HILL	1	392	11/18/2015 2:54 PM	SP-15085 S BUTTE CREEK RD	S	0.000	2051 High Winds	06	392
25240	127 ServicePoint	11/17/20 8:27 AM	COLTON-GRAYS HILL	1	390	11/18/2015 2:58 PM	SP-29513 S HILLOCKBURN RD	E	0.000	2041 Limb on Line	06	390
22540	104 Gang Recloser	11/17/20 3:59 PM	ESTACADA-FARADAY	765	389	11/17/2015 10:28 PM	1552 RECS	E	0.344	2051 High Winds	3	389
24189	127 ServicePoint	11/17/20 5:51 PM	COLTON-DHOOGHE	1	388	11/18/2015 12:19 AM	SP-20070 S YOUNG RD	W	0.000	2051 High Winds	06	388
22122	102 Fuse OH	11/17/20 10:34 AM	GALES CREEK-GALES CREEK 13	4	387	11/17/2015 7:56 PM	B1418C/812 CO	W	0.002	2042 Tree Uprooted	06	387
25460	127 ServicePoint	11/18/20 1:29 PM	MULINO-SOUTH	1	385	11/18/2015 5:00 PM	SP-27571 S RINGO RD	E	0.000	2051 High Winds	06	385
25775	127 ServicePoint	11/18/20 1:42 PM	LELAND-CARUS	1	385	11/18/2015 8:08 PM	SP-22399 S SCHRAM RD	E	0.000	2057 Other - Environment / Weather	06	385
23770	102 Fuse OH	11/17/20 7:11 PM	COLTON-GRAYS HILL	2	385	11/18/2015 1:36 AM	D4428C/576 CO	S	0.001	2051 High Winds	06	385
25182	127 ServicePoint	11/18/20 7:49 AM	MOLALLA-FOREST	1	384	11/18/2015 2:13 PM	SP-31644 S GRIMM RD	S	0.000	2051 High Winds	06	384
25142	127 ServicePoint	11/18/20 7:29 AM	SCOTTS MILLS-SCOTTS MILLS	1	384	11/18/2015 1:53 PM	SP-17278 MT ANGEL SCOTTS MILLS RD NE	S	0.000	2041 Limb on Line	06	384
22631	108 SCADA Recloser	11/17/20 4:17 PM	CARVER-WOODS	138	382	11/17/2015 10:39 PM	7359 RECS	E	0.061	2042 Tree Uprooted	9	382
22080	127 ServicePoint	11/17/20 12:56 PM	NORTH PLAINS-MASON HILL	1	380	11/17/2015 7:16 PM	SP-26109 NW DIXIE MOUNTAIN RD	W	0.000	2051 High Winds	06	380
24189	127 ServicePoint	11/17/20 6:01 PM	COLTON-DHOOGHE	1	378	11/18/2015 12:19 AM	SP-20070 S YOUNG RD	W	0.000	2051 High Winds	06	378
24952	102 Fuse OH	11/18/20 2:03 AM	REEDVILLE-TV	35	376	11/18/2015 8:19 AM	C1212B/1345 CO	W	0.015	2051 High Winds	05	376
24969	127 ServicePoint	11/18/20 2:52 AM	REDLAND-REDLAND 13	1	373	11/18/2015 9:05 AM	SP-17656 S GRONLUND RD	E	0.000	2051 High Winds	06	373
22871	127 ServicePoint	11/18/20 4:07 PM	ESTACADA-FARADAY	3	373	11/18/2015 10:20 PM	SP-48594 SE TUMALA MOUNTAIN RD	E	0.001	2042 Tree Uprooted	06	373
22138	127 ServicePoint	11/17/20 1:45 PM	GALES CREEK-GALES CREEK 13	1	372	11/17/2015 7:56 PM	SP-4125 NW SODA SPRINGS RD	W	0.000	2042 Tree Uprooted	06	372
23783	127 ServicePoint	11/18/20 6:22 PM	COLTON-DHOOGHE	1	370	11/18/2015 12:32 AM	SP-19159 S FRANK RD	S	0.000	2051 High Winds	06	370
25200	127 ServicePoint	11/18/20 8:01 AM	MOLALLA-FOREST	1	367	11/18/2015 2:08 PM	SP-31644 S GRIMM RD	S	0.000	2051 High Winds	06	367
25028	102 Fuse OH	11/18/20 4:55 AM	MULTNOMAH-MULTNOMAH	9	367	11/18/2015 11:01 AM	D1132A/3411 CO	E	0.004	2051 High Winds	05	367
25806	127 ServicePoint	11/18/20 2:03 PM	LELAND-CARUS	1	364	11/18/2015 8:07 PM	SP-21980 S SCHRAM RD	E	0.000	2042 Tree Uprooted	06	364
25554	127 ServicePoint	11/18/20 11:26 AM	WEST UNION-CORNELIUS	2	361	11/18/2015 5:27 PM	SP-12605 NW MCNAMEE RD	W	0.001	2043 Tree / Limb Burning	06	361
24189	127 ServicePoint	11/17/20 6:21 PM	COLTON-DHOOGHE	1	357	11/18/2015 12:19 AM	SP-20070 S YOUNG RD	S	0.000	2051 High Winds	06	357
24600	127 ServicePoint	11/18/20 5:07 AM	MT PLEASANT-SOUTH END	1	355	11/18/2015 11:02 AM	SP-1017 KING RD	E	0.000	2051 High Winds	06	355
21878	102 Fuse OH	11/17/20 11:00 AM	WELCHES-ZIG ZAG	26	355	11/17/2015 4:54 PM	D9714A/710 CO	E	0.011	2051 High Winds	05	355
25627	102 Fuse OH	11/18/20 12:09 PM	REDLAND-REDLAND 13	8	349	11/18/2015 5:58 PM	D2236C/627 CO	E	0.003	2051 High Winds	06	349
23136	127 ServicePoint	11/17/20 5:40 PM	NORTHERN-11071	3	348	11/17/2015 11:28 PM	SP-7031 N FESSENDEN ST	E	0.001	2005 Meter	06	348
23213	127 ServicePoint	11/17/20 5:47 PM	REDLAND-HENRICI	1	347	11/17/2015 11:34 PM	SP-17150 S SEAL CT	E	0.000	2193 High Winds	06	347
22712	108 SCADA Recloser	11/17/20 4:44 PM	ESTACADA-FARADAY	1120	345	11/17/2015 10:29 PM	8346 RECS	E	0.446	2051 High Winds	3	345
25724	127 ServicePoint	11/18/20 10:20 AM	SILVERTON-WEST	1	342	11/18/2015 4:02 PM	SP-23985 CASCADE HW SE	S	0.000	2051 High Winds	06	342
25028	102 Fuse OH	11/18/20 5:21 AM	MULTNOMAH-MULTNOMAH	35	340	11/18/2015 11:01 AM	D1132A/3411 CO	E	0.014	2051 High Winds	05	340
25328	134 Transformer UG	11/18/20 9:11 AM	KING CITY-FISCHER	27	340	11/18/2015 2:50 PM	11655/75 TF	W	0.011	2063 Planned Outage	05	340
24189	127 ServicePoint	11/17/20 6:42 PM	COLTON-DHOOGHE	1	336	11/18/2015 12:19 AM	SP-20070 S YOUNG RD	S	0.000	2051 High Winds	06	336

Attachment A Summary  
of Outages 5 Hours and Longer  
PGE Service Territory  
November 17 and 18, 2015

ServicePoint	Outage Start	Outage End	Location	Count	Date	Time	Category	Impact	Priority	Notes		
25307	127 ServicePoint	11/18/2015	8:58 AM	1	335	11/18/2015	2:32 PM	SP-38111 S NOWLENS BRIDGE RD_2	S	2051 High Winds	1.15E-06	335
25559	127 ServicePoint	11/18/2015	11:27 AM	1	334	11/18/2015	5:01 PM	SP-27687 S RINGO RD_1	E	2051 High Winds	1.15E-06	334
22722	102 Fuse OH	11/17/2015	4:47 PM	33	331	11/17/2015	10:17 PM	D4419D/193 CO	S	2041 Limb on Line	3.81E-05	331
25028	102 Fuse OH	11/18/2015	5:31 AM	9	330	11/18/2015	11:01 AM	D1132A/3411 CO	E	2051 High Winds	1.04E-05	330
22475	133 Transformer OH	11/17/2015	3:41 PM	14	329	11/17/2015	9:10 PM	70886/50 TF	E	2010 Fuse / Cutout	1.62E-05	329
25616	104 Gang Recloser	11/17/2015	6:02 PM	352	329	11/17/2015	11:31 PM	9552 RECS	E	2051 High Winds	0.00040	329
25028	102 Fuse OH	11/18/2015	5:35 AM	1	326	11/18/2015	11:01 AM	D1132A/3411 CO	E	2051 High Winds	1.15E-06	326
25686	127 ServicePoint	11/18/2015	12:46 PM	1	325	11/18/2015	6:10 PM	SP-23189 S BONNEY RD	S	2051 High Winds	1.15E-06	325
21772	102 Fuse OH	11/17/2015	12:24 AM	2	323	11/17/2015	5:47 AM	B1325B/237 CO	W	2006 Primary Conductor	2.31E-06	323
24297	127 ServicePoint	11/18/2015	6:18 PM	2	322	11/17/2015	11:40 PM	SP-38172 S WILHOIT RD	S	2041 Limb on Line	2.51E-06	322
25239	127 ServicePoint	11/17/2015	8:27 AM	1	322	11/18/2015	1:49 PM	SP-4401 HISTORIC COLUMBIA RIVER HWY_1	E	2051 High Winds	1.15E-06	322
24297	127 ServicePoint	11/17/2015	6:19 PM	1	321	11/17/2015	11:40 PM	SP-38172 S WILHOIT RD	S	2041 Limb on Line	1.15E-06	321
25697	133 Transformer OH	11/18/2015	12:52 PM	3	319	11/18/2015	6:11 PM	21705/45 TF	S	2051 High Winds	3.46E-06	319
21824	102 Fuse OH	11/18/2015	9:56 AM	1	316	11/17/2015	3:13 PM	B1428A/860 CO	W	2051 High Winds	1.15E-06	316
24189	127 ServicePoint	11/18/2015	7:04 PM	1	315	11/18/2015	12:19 AM	SP-20070 S YOUNG RD	S	2051 High Winds	1.15E-06	315
25916	127 ServicePoint	11/18/2015	3:32 PM	1	314	11/18/2015	8:46 PM	SP-20221 S UPPER HIGHLAND RD	E	2041 Limb on Line	1.15E-06	314
25054	133 Transformer OH	11/18/2015	6:17 AM	3	313	11/18/2015	11:30 AM	37595/50 TF	S	2010 Fuse / Cutout	3.46E-06	313
22541	102 Fuse OH	11/17/2015	3:59 PM	37	312	11/17/2015	9:12 PM	D1116C/145 CO	E	2051 High Winds	4.27E-05	312
22314	127 ServicePoint	11/18/2015	6:06 AM	1	312	11/18/2015	11:18 AM	SP-40985 S SAWTELL RD_1	S	2041 Limb on Line	1.15E-06	312
23756	104 Gang Recloser	11/17/2015	6:19 PM	190	310	11/17/2015	11:29 PM	2576 RECS	E	2041 Limb on Line	0.00021	310
24297	127 ServicePoint	11/17/2015	6:33 PM	1	308	11/17/2015	11:40 PM	SP-38172 S WILHOIT RD	S	2041 Limb on Line	1.15E-06	308
23754	127 ServicePoint	11/17/2015	6:19 PM	1	303	11/17/2015	11:21 PM	SP-6480 S LONE ELDER RD_1	S	2041 Limb on Line	1.15E-06	303
21855	102 Fuse OH	11/17/2015	10:05 AM	11	301	11/17/2015	3:05 PM	D38.525B/235 CO	E	2051 High Winds	1.27E-05	301