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COMPANY NAME: PORTLAND GENERAL ELECTRIC COMPANY

DOES REPORT CONTAIN CONFIDENTIAL INFORMATION? No Yes If yes, submit a redacted public version (or a cover letter) by email. Submit the confidential information as directed in OAR 860-001-0070 or the terms of an applicable protective order.

Select report type: RE (Electric) RG (Gas) RW (Water) RT (Telecommunications) RO (Other, for example, industry safety information)

Did you previously file a similar report? No Yes, report docket number: RE 112

Report is required by: OAR 860-023-0161

Statute

Order

Note: A one-time submission required by an order is a compliance filing and not a report (file compliance in the applicable docket)

Other

(For example, federal regulations, or requested by Staff)

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

List Key Words for this report. We use these to improve search results.

MAJOR EVENT EXCLUSION

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

Send confidential information, voluminous reports, or energy utility Results of Operations Reports to PUC Filing Center, PO Box 1088, Salem, OR 97308-1088 or by delivery service to 201 High Street SE Suite 100, Salem, OR 97301.



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

February 8, 2019

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

Re: Major Event Exclusion
Period: January 5, 2019

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 January 5, 2019.

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 January 5, 2019 PGE's entire service territory experienced a wind storm causing widespread outages. The Portland area experienced wind gusts of 54 MPH, Salem experienced wind gusts of 54 MPH, and Hillsboro experienced wind gusts of 44 MPH.

The severe wind caused many tree-related outages. Uprooted trees and broken limbs caused damage to PGE's overhead equipment and poles which made restoration difficult.

2. The reliability reporting area and geographic area impacted.

PGE's entire service territory was impacted by the January 5th wind storm. Most outages were in PGE's eastern service territory.

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 56,801 customers without power. During the storm, a total of 57,187 customers were affected.

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

The following table represents the calculated impacts for SAIDI, SAIFI, CAIDI, T_{med}, and system-wide basis totals:

	RELIABILITY REPORTING AREAS			SYSTEM-WIDE BASIS
	EASTERN ¹	SOUTHERN	WESTERN	PGE SERVICE TERRITORY
<i>SAIDI</i> ²	10.64	4.16	5.89	20.69
<i>SAIFI</i> ³	0.04	0.01	0.02	0.07
<i>CAIDI</i> ⁴	298	550	275	320
<i>Customers out at peak</i>	31,202	6,679	18,920	56,801
<i>T_{med}</i>				5.31

¹ Eastern and Central regions are now combined and represented as the Eastern region.

² SAIDI - System Average Interruption Duration Index

³ SAIFI - System Average Interruption Frequency Index

⁴ CAIDI - Customer Average Interruption Duration Index

Additional Reporting Related to the January 5, 2019 Storm Event:

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

For questions regarding this filing, please contact Kalia Savage at (503) 464-7432. 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 read "James Landstrom", with a long horizontal flourish extending to the right.

James Landstrom,
Manager, Transmission and Distribution Asset Management

Enclosures

Major Event Exclusion Period: January 5, 2019
Attachment A

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

**Attachment A Summary
of Outages 5 hours and longer PGE Service Territory
January 5, 2019**

Outage #	Outage Date	Outage Time	Feeder Name	Customers Affected	Duration	Customer Minutes	Return Date	Return Time	Interrupt Location	SAIDI	SAIFI	CAIDI
461654	1/5/19	11:52 PM	COLTON-GRAYS HILL	1	2342	2342	1/7/19	2:54 PM	FUSE_OH:D4430C-604 / B / 6 A	0.002647	1.13E-06	2,342
459383	1/5/19	10:25 PM	CANYON-23RD	56	2317	129752	1/7/19	1:02 PM	FUSE_OH:D1105A-19 / A / 65 A	0.146664	6.33E-05	2,317
458225	1/5/19	9:47 PM	ORTH MARION-HUBBARD	3	2218	4436	1/7/19	10:45 AM	FUSE_OH:C5105A-1427 / AC / 10 A	0.005014	2.26E-06	2,218
462475	1/5/19	10:32 PM	LELAND-CARUS	2	2208	6625.4	1/7/19	11:20 AM	FUSE_OH:D33331C-473 / AB / 10 A	0.007489	3.39E-06	2,208
460120	1/5/19	10:37 PM	OSWEGO-PALATINE	6	1634	9801	1/7/19	1:50 AM	FUSE_OH:D1134D-3346 / C / 50 A	0.011078	6.78E-06	1,634
461631	1/5/19	10:37 PM	LELAND-CARUS	2	1494	2988	1/6/19	11:31 PM	FUSE_OH:D3231D-2932 / B / 6 A	0.003377	2.26E-06	1,494
459842	1/5/19	10:32 PM	LELAND-CARUS	39	1485	57911.1	1/6/19	11:16 PM	FUSE_OH:D3228D-492 / ABC / 65 A	0.065459	4.41E-05	1,485
461094	1/5/19	11:08 PM	LELAND-CARUS	1	1484	1484.116667	1/6/19	11:52 PM	SP:23525 S SPANGLER RD	0.001678	1.13E-06	1,484
460760	1/5/19	10:47 PM	EASANT VALLEY-PLEASANT 13	1	1433	1432.6	1/6/19	10:39 PM	SP:5635 SE JENNE RD	0.001619	1.13E-06	1,433
460742	1/5/19	11:00 PM	ESTACADA-ESTACADA 13	1	1405	1405.2	1/6/19	10:25 PM	SP:28380 SE BROADLEAF RD	0.001588	1.13E-06	1,405
458829	1/5/19	10:16 PM	COLTON-DHOOGHE	13	1403	18240.08333	1/6/19	9:39 PM	FUSE_OH:D5321B-864 / B / 6 A	0.020617	1.47E-05	1,403
458558	1/5/19	9:56 PM	CANBY-BUTTEVILLE	1	1401	1401	1/6/19	9:17 PM	SP:Null_23	0.001584	1.13E-06	1,401
458622	1/5/19	10:05 PM	CANBY-BUTTEVILLE	3	1392	4176	1/6/19	9:17 PM	SP:15243 NE COUNTRYSIDE DR	0.00472	3.39E-06	1,392
459684	1/5/19	10:29 PM	LELAND-CARUS	26	1391	36174.66667	1/6/19	9:40 PM	FUSE_OH:D4201C-2241 / B / 40 A	0.04089	2.94E-05	1,391
461423	1/5/19	11:32 PM	BERNETHY-OREGON CITY	1	1379	1378.8	1/6/19	10:30 PM	SP:15428 S HOLCOMB BLVD	0.001559	1.13E-06	1,379
457863	1/5/19	9:32 PM	MILL CREEK-EASTLAND	1	1371	1371.2	1/6/19	8:23 PM	SP:7882 JORDAN ST SE 2	0.00155	1.13E-06	1,371
459965	1/5/19	10:44 PM	BELL-BATTIN	185	1354	250397.5	1/6/19	9:17 PM	FUSE_OH:D1228B-2661 / BC / 100 A	0.283034	2.09E-04	1,354
460832	1/5/19	10:58 PM	RAMAPO-GILBERT	1	1328	2655.266667	1/6/19	9:05 PM	SP:17200 S OLD RIVER RD_1	0.003001	2.26E-06	1,328
460835	1/5/19	10:58 PM	RAMAPO-GILBERT	2	1328	2655.2	1/6/19	9:05 PM	XFM_UG-C 50 33623	0.003001	2.26E-06	1,328
462460	1/5/19	10:20 PM	YAMHILL-CARLTON	54	1327	71673.3	1/6/19	8:27 PM	SP:4711 SE 174TH AVE	0.081015	6.10E-05	1,327
457794	1/5/19	9:37 PM	ORTH MARION-HUBBARD	6	1321	7926	1/6/19	7:38 PM	RECL:3115	0.008959	6.78E-06	1,321
458594	1/5/19	10:01 PM	GLENCELLEN-SUNSET	1	1319	1319.066667	1/6/19	8:00 PM	FUSE_OH:C4133B-1481 / ABC / 40 A	0.001491	1.13E-06	1,319
459387	1/5/19	10:28 PM	NNINGS LODGE-OAK GROVE	2	1311	2622.5	1/6/19	8:20 PM	SP:6255 SW TOWER WAY	0.002964	2.26E-06	1,311
458286	1/5/19	9:50 PM	WILSONVILLE-WEST	18	1298	23319	1/6/19	7:25 PM	SP:2310 SE CONCORD RD	0.026358	2.03E-05	1,298
461114	1/5/19	11:15 PM	MOBILE 5-QUEBEC	1	1286	1287.966667	1/6/19	8:43 PM	FUSE_OH:C3225A-1729 / A / 25 A	0.001456	1.13E-06	1,288
460093	1/5/19	10:37 PM	KELLY BUTTE-MALL 205	1	1279	1279.333333	1/6/19	7:56 PM	SP:9920 SE CARUTHERS ST	0.001446	1.13E-06	1,279
460823	1/5/19	10:54 PM	HEMLOCK-MASON	1	1273	1273	1/6/19	8:07 PM	SP:4721 NE 148TH AVE	0.001439	1.13E-06	1,273
460934	1/5/19	11:09 PM	KELLY BUTTE-MALL 205	2	1255	2510.5	1/6/19	8:04 PM	SP:9920 SE CARUTHERS ST	0.002838	2.26E-06	1,255
459117	1/5/19	10:17 PM	KING CITY-SUMMERFIELD	2	1254	2508.566667	1/6/19	7:11 PM	SP:16565 SW 113TH AVE	0.002836	2.26E-06	1,254
459118	1/5/19	10:17 PM	KING CITY-SUMMERFIELD	1	1254	1254	1/6/19	7:11 PM	SP:16550 SW 113TH AVE	0.001417	1.13E-06	1,254
461494	1/5/19	11:18 PM	DELAWARE-LOMBARD	1	1247	1247	1/6/19	8:05 PM	SP:6598 N PORTSMOUTH AVE_10	0.00141	1.13E-06	1,247
460017	1/5/19	10:31 PM	EAGLE CREEK-RIVER MILL	5	1239	6193.666667	1/6/19	7:09 PM	FUSE_OH:D2335A-1534 / A / 25 A	0.007001	5.65E-06	1,239
459198	1/5/19	10:18 PM	HILLSBORO-JACKSON	1	1238	1238	1/6/19	6:56 PM	SP:351 NE 4TH AVE	0.001399	1.13E-06	1,238
458227	1/5/19	9:21 PM	TURNER-TURNER 13	29	1236	35844	1/6/19	5:57 PM	SP:10343 BRICK RD SE	0.040516	3.28E-05	1,236
457639	1/5/19	9:20 PM	OXFORD-FAIRVIEW	1	1231	1231.016667	1/6/19	5:51 PM	SP:1301 MARSHALL DR SE	0.001391	1.13E-06	1,231
458253	1/5/19	9:44 PM	MILL CREEK-EASTLAND	1	1226	1226	1/6/19	6:10 PM	XFM_UG-A 15 35178	0.001386	1.13E-06	1,226
457643	1/5/19	9:22 PM	ACONDA-WACONDA 13	3	1223	3669.25	1/6/19	5:45 PM	XFM_OH-A 15 21987	0.004147	3.39E-06	1,223
461240	1/5/19	11:12 PM	RIVERVIEW-FULTON	1	1223	1223.05	1/6/19	7:35 PM	SP:6821 SW TERWILLIGER BLVD	0.001382	1.13E-06	1,223
457642	1/5/19	9:22 PM	ACONDA-WACONDA 13	1	1221	1220.6	1/6/19	5:42 PM	SP:5301 EDMOND LN NE	0.00138	1.13E-06	1,221
463935	1/5/19	10:30 PM	JOTTIS MILLS-SCOTTS MILLS 13	64	1207	77259.73333	1/6/19	6:37 PM	FUSE_OH:D6115D-2059 / B / 65 A	0.08733	7.23E-05	1,207
461529	1/5/19	11:36 PM	ARLETA-POWELL	1	1197	1197	1/6/19	7:33 PM	SP:3225 SE 58TH AVE	0.001353	1.13E-06	1,197
459473	1/5/19	10:31 PM	CARVER-CARVER 13	7	1197	8379	1/6/19	6:28 PM	FUSE_OH:D2305C-169 / C / 40 A	0.009471	7.91E-06	1,197
459768	1/5/19	10:31 PM	CARVER-CARVER 13	1	1197	1197	1/6/19	6:28 PM	SP:18000 SE SUNNYSIDE RD	0.001353	1.13E-06	1,197
461573	1/5/19	11:36 PM	GLENCELLEN-SUNSET	1	1196	1196	1/6/19	7:32 PM	SP:4809 SW VERMONT ST	0.001352	1.13E-06	1,196
458229	1/5/19	9:49 PM	WILSONVILLE-WEST	29	1196	34683.03333	1/6/19	5:44 PM	FUSE_OH:C312D-1444 / AB / 25 A	0.039204	3.28E-05	1,196
461578	1/5/19	11:37 PM	GLENCELLEN-SUNSET	1	1193	1193	1/6/19	7:30 PM	SP:6835 SW 46TH AVE	0.001348	1.13E-06	1,193
459821	1/5/19	11:03 PM	RIVERVIEW-FULTON	43	1191	51218.73333	1/6/19	6:54 PM	FUSE_OH:D1121A-60 / ABC / 100 A	0.057895	4.86E-05	1,191
457893	1/5/19	9:38 PM	MUJINO-SOUTH	47	1188	55814.06667	1/6/19	6:24 PM	FUSE_OH:D4227B-3017 / B / 65 A	0.063089	5.31E-05	1,188
458562	1/5/19	9:57 PM	MOBILE 5-QUEBEC	1	1187	1187	1/6/19	5:25 PM	SP:1701 PINE ST NE	0.001342	1.13E-06	1,187
462376	1/5/19	10:24 PM	CARVER-WOODS	1	1183	1182.516667	1/6/19	6:06 PM	SP:11025 SW 37TH AVE	0.001342	1.13E-06	1,183
464895	1/5/19	11:12 PM	RIVERVIEW-FULTON	1	1182	1181.6	1/6/19	6:53 PM	SP:16300 SE HWY 224_1	0.001337	1.13E-06	1,182

**Attachment A Summary
of Outages 5 hours and longer PGE Service Territory
January 5, 2019**

Outage #	Outage Date	Outage Time	Feeder Name	Customers Affected	Duration	Customer Minutes	Return Date	Return Time	Interrupt Location	SAIDI	SAIFI	CAIDI
461238	1/5/19	11:12 PM	RIVERVIEW-FULTON	1	1181	1181	1/6/19	6:53 PM	SP:6829 SW 7TH AVE	0.001335	1.13E-06	1.181
458626	1/5/19	10:06 PM	SULLIVAN-SUSSEX	1	1180	1180.466667	1/6/19	5:46 PM	SP:1870 HEMLOCK ST	0.001334	1.13E-06	1.180
457410	1/5/19	9:03 PM	MILL CREEK-EASTLAND	68	1174	79980.46667	1/6/19	4:39 PM	FUSE_OH:C8217D-443 / BC / 40 A	0.090405	7.69E-05	1.176
459676	1/5/19	10:29 PM	MT PLEASANT-CLAIRMONT	2	1174	2348.266667	1/6/19	6:03 PM	SP:19065 PEASE RD	0.002654	2.26E-06	1.174
461512	1/5/19	11:33 PM	LELAND-CARUS	5	1174	5868.25	1/6/19	7:06 PM	FUSE_OH:D4212C-733 / C / 25 A	0.006633	5.65E-06	1.174
464280	1/5/19	10:25 PM	BELL-SOUTHGATE	1	1167	1167	1/6/19	5:52 PM	SP:6730 SE 67TH AVE	0.001131	1.13E-06	1.167
461416	1/5/19	10:14 PM	TUALATIN-IBACH	1	1152	1152.15	1/6/19	5:26 PM	SP:23200 SW GRAHAM'S FERRY RD	0.001302	1.13E-06	1.152
460941	1/5/19	11:08 PM	COLTON-GRAYS HILL	4	1148	4592.666667	1/6/19	6:16 PM	FUSE_OH:D4323C-674 / B / 25 A	0.005191	4.52E-06	1.148
457843	1/5/19	9:28 PM	FARGO-FARGO 13	4	1146	4583.066667	1/6/19	4:33 PM	SP:13092 ARNDT RD NE_3	0.00518	4.52E-06	1.146
463698	1/5/19	10:30 PM	SULLIVAN-WILLAMETTE	1	1139	1139	1/6/19	5:29 PM	SP:23737 SW ELDERBERRY LN	0.001287	1.13E-06	1.139
457887	1/5/19	9:37 PM	FARGO-FARGO 13	2	1137	2273.333333	1/6/19	4:33 PM	SP:22306 BENTS RD NE_1	0.00257	2.26E-06	1.137
461019	1/5/19	10:57 PM	STACADA-NORTH FORK	17	1131	19227	1/6/19	5:48 PM	FUSE_OH:D4405D-11 / ABC / 40 A	0.021733	1.92E-05	1.131
460963	1/5/19	11:00 PM	STACADA-NORTH FORK	2	1128	2256.266667	1/6/19	5:48 PM	XFM_OH:B 15 13746	0.00255	2.26E-06	1.128
461003	1/5/19	11:04 PM	STACADA-NORTH FORK	1	1124	1124	1/6/19	5:48 PM	SP:25230 S WALLENS RD	0.001271	1.13E-06	1.124
463815	1/5/19	10:22 PM	TIGARD-13337	1	1115	1114.866667	1/6/19	4:57 PM	SP:9580 SW OMARA ST	0.00126	1.13E-06	1.115
459744	1/5/19	10:29 PM	SANDY-WILDCAT	1	1112	1112	1/6/19	5:01 PM	SP:39400 PIONEER BLVD	0.001257	1.13E-06	1.112
463587	1/5/19	10:04 PM	BELL-KING	16	1111	1781.333333	1/6/19	4:35 PM	XFM_OH:B 37.5 3144	0.020099	1.81E-05	1.111
460901	1/5/19	10:10 PM	JEMONT-HIDDEN SPRINGS	1	1111	1111.016667	1/6/19	4:41 PM	SP:21180 S SWEETBRIAR RD	0.001256	1.13E-06	1.111
458864	1/5/19	10:07 PM	TIGARD-13337	63	1111	69987.75	1/6/19	4:37 PM	FUSE_OH:C2102C-2441 / B / 40 A	0.07911	7.12E-05	1.111
458683	1/5/19	10:11 PM	MT PLEASANT-SOUTH END	1	1108	1108.133333	1/6/19	4:39 PM	SP:18830 S HWY 99E_2	0.001253	1.13E-06	1.108
462743	1/5/19	10:04 PM	BELL-KING	1	1108	1108	1/6/19	4:32 PM	SP:10471 SE 55TH AVE	0.001252	1.13E-06	1.108
459039	1/5/19	10:14 PM	DILLEY-DILLEY 13	1	1108	1107.683333	1/6/19	4:41 PM	SP:39893 SW BLOOMING-FERN HILL RD_1	0.001252	1.13E-06	1.108
459037	1/5/19	10:14 PM	DILLEY-DILLEY 13	1	1106	1105.833333	1/6/19	4:39 PM	SP:39893 SW BLOOMING-FERN HILL RD	0.00125	1.13E-06	1.106
458572	1/5/19	9:58 PM	RIVERVIEW-TERWILLIGER	1	1098	1097.933333	1/6/19	4:15 PM	SP:01520 SW CORBETT HILL CIR	0.001241	1.13E-06	1.098
461435	1/5/19	11:34 PM	BELL-SOUTHGATE	1	1097	1097.233333	1/6/19	5:52 PM	SP:6730 SE 67TH AVE	0.00124	1.13E-06	1.097
461037	1/5/19	11:04 PM	UNIVERSITY-TRADE	1	1095	1095	1/6/19	5:19 PM	SP:240 21ST ST SE	0.001238	1.13E-06	1.095
457710	1/5/19	9:26 PM	INDIAN-LABISH	21	1093	22962.45	1/6/19	3:39 PM	SP:5422 PORTLAND RD NE_16	0.025955	2.37E-05	1.093
460752	1/5/19	10:45 PM	SANDY-WILDCAT	1	1091	1091	1/6/19	4:56 PM	SP:23201 SE BORNSTEDT RD	0.001233	1.13E-06	1.091
463899	1/5/19	10:25 PM	CANBY-ZIMMERMAN	1	1075	1075	1/6/19	4:20 PM	SP:25588 S RHOTEN RD_3	0.001215	1.13E-06	1.075
463639	1/5/19	10:58 PM	SANDY-WILDCAT	183	1074	196477.95	1/6/19	4:51 PM	RECL:7678	0.222087	2.07E-04	1.074
460670	1/5/19	10:19 PM	SYLVAN-PATTON	126	1120	135262	1/6/19	4:59 PM	FUSE_OH:C1112A-2379 / AC / 65 A	0.152892	1.42E-04	1.074
457895	1/5/19	9:38 PM	MOLALLA-YODER	6	1065	6391.8	1/6/19	3:23 PM	FUSE_OH:CS124C-2510 / AC / 25 A	0.007225	6.78E-06	1.065
460857	1/5/19	11:02 PM	MT PLEASANT-RIVERCREST	1	1056	1056.05	1/6/19	4:38 PM	SP:185 EAST ST	0.001194	1.13E-06	1.056
457478	1/5/19	9:05 PM	FAIRMOUNT-MISSION	13	1052	13682.283333	1/6/19	2:37 PM	FUSE_OH:C8414A-212 / AC / 40 A	0.015466	1.47E-05	1.052
457624	1/5/19	9:27 PM	SIX CORNERS-BORCHERS	23	1038	23866.71667	1/6/19	2:44 PM	FUSE_OH:C2119C-1795 / B / 40 A	0.026977	2.60E-05	1.038
458422	1/5/19	9:58 PM	OSWEGO-PALATINE	42	1084	43581	1/6/19	4:02 PM	FUSE_OH:D1135B-1865 / C / 40 A	0.049261	4.75E-05	1.038
458226	1/5/19	9:48 PM	TOTTIS MILLS-SCOTTS MILLS 13	1	1033	1033.183333	1/6/19	3:02 PM	SP:7113 CROOKED FINGER RD NE	0.001168	1.13E-06	1.033
461408	1/5/19	11:29 PM	MT PLEASANT-SOUTH END	1	1030	1030.333333	1/6/19	4:39 PM	SP:18798 S HWY 99E	0.001165	1.13E-06	1.030
461716	1/5/19	11:29 PM	BELL-KING	20	1026	20523	1/6/19	4:35 PM	SP:5570 SE JACKSON ST	0.023198	2.26E-05	1.026
459564	1/5/19	10:25 PM	SIX CORNERS-13360	2	1022	2043.833333	1/6/19	3:26 PM	SP:18750 SW PACIFIC HWY	0.00231	2.26E-06	1.022
459565	1/5/19	10:25 PM	SIX CORNERS-13360	1	1021	1021	1/6/19	3:26 PM	SP:19000 SW PACIFIC HWY_1	0.001154	1.13E-06	1.021
460817	1/5/19	10:54 PM	ORIENT-OXBOW	367	1006	369171.4167	1/6/19	3:39 PM	SW_OHLB:6363	0.417289	4.15E-04	1.006
461438	1/5/19	11:35 PM	SIX CORNERS-13360	1	1006	1005.5	1/6/19	4:20 PM	SP:18610 SW PACIFIC HWY_1	0.001137	1.13E-06	1.006
461594	1/5/19	10:02 PM	HILLSBORO-LAUREL	34	995	33819.8	1/6/19	2:36 PM	FUSE_OH:C1218C-429 / ABC / 40 A	0.038228	3.84E-05	995
459086	1/5/19	10:16 PM	COLTON-GRAYS HILL	11	993	10918.41667	1/6/19	2:56 PM	FUSE_OH:C4117D-523 / ABC / 65 A	0.078766	7.91E-05	993
459811	1/5/19	10:24 PM	COLTON-GRAYS HILL	2	988	992	1/6/19	2:48 PM	FUSE_OH:D4430A-184 / B / 25 A	0.012342	1.24E-05	992
457753	1/5/19	9:27 PM	BARNES-COMMERCIAL	2	988	1976.666667	1/6/19	1:55 PM	SP:1730 SW COLLINS CT	0.001121	1.13E-06	988
459400	1/5/19	10:30 PM	MULTNOMAH-13176	1	982	982.1	1/6/19	2:52 PM	SP:2783 RIDGEWAY DR SE	0.002234	2.26E-06	988
459554	1/5/19	10:22 PM	MULTNOMAH-13176	1	979	979	1/6/19	2:41 PM	SP:1730 SW COLLINS CT	0.00111	1.13E-06	982
460815	1/5/19	10:54 PM	SANDY-SANDY 13	2	974	1948.133333	1/6/19	3:08 PM	SP:1424 SW FREEMAN ST	0.001107	1.13E-06	979
460750	1/5/19	10:59 PM	BERNETHY-OREGON CITY	14	972	13608	1/6/19	3:11 PM	SP:43261 SE KEISECKER RD	0.002202	2.26E-06	974
461101	1/5/19	11:09 PM	COLTON-DHOOGHE	1	969	968.93333333	1/6/19	3:17 PM	FUSE_OH:D5305D-650 / B / 6 A	0.015382	1.58E-05	972
										0.001095	1.13E-06	969

Attachment A Summary
of Outages 5 hours and longer PGE Service Territory
January 5, 2019

Outage #	Outage Date	Outage Time	Feeder Name	Customers Affected	Duration	Customer Minutes	Return Date	Return Time	Interrupt Location	SAIDI	SAIFI	CAIDI
461056	1/5/19	11:06 PM	COLTON-DHOOGHE	2	955	1910.6	1/6/19	3:01 PM	FUSE_OH:D5308B-995 / B / 6 A	0.00216	2.26E-06	955
458242	1/5/19	9:45 PM	TURNER-TURNER 13	34	954	32451.86667	1/6/19	1:39 PM	FUSE_OH:C8235D-992 / ABC / Null	0.036682	3.84E-05	954
457621	1/5/19	9:28 PM	VICLAIN-HOLLYWOOD	1	951	951.2833333	1/6/19	1:19 PM	SP:1605 BROADWAY ST NE	0.001075	1.13E-06	951
457409	1/5/19	8:56 PM	BARNES-BOONE	60	949	56951	1/6/19	12:45 PM	FUSE_OH:C8314B-2029 / ABC / 100 A	0.064374	6.78E-05	949
459426	1/5/19	10:32 PM	NNINGS LODGE-JENNINGS 13	1	947	946.8666667	1/6/19	2:19 PM	SP:360 W FAIRFIELD ST	0.00107	1.13E-06	947
459766	1/5/19	10:30 PM	MULJINO-NORTH	8	945	7561.6	1/6/19	2:15 PM	XFM_LUG:C 25 51748	0.0008547	9.04E-06	945
459508	1/5/19	10:23 PM	MULTNOMAH-13176	1	934	934.45	1/6/19	1:57 PM	SP:3439 SW HUME ST	0.001056	1.13E-06	934
460315	1/5/19	10:42 PM	SAN NORTH-HOGAN NORTH 13	1	928	927.7833333	1/6/19	2:09 PM	SP:7439 SE 247TH AVE	0.001049	1.13E-06	928
457618	1/5/19	9:24 PM	LIBERTY-MORNINGSIDE	1	922	921.6833333	1/6/19	12:46 PM	SP:615 WINDING WY SE	0.001042	1.13E-06	922
458390	1/5/19	10:09 PM	CANBY-ZIMMERMAN	1	910	910.1833333	1/6/19	1:19 PM	SP:24670 S HWY 99E	0.001029	1.13E-06	910
459861	1/5/19	10:29 PM	SYLVAN-BARNES	78	908	70791.5	1/6/19	1:06 PM	FUSE_OH:C1136B-375 / AB / 100 A	0.080018	8.82E-05	908
461612	1/5/19	10:45 PM	SAN NORTH-HOGAN NORTH 13	2	906	6342.5833333	1/6/19	1:35 PM	FUSE_OH:D1106C-648 / ABC / 100 A	0.007169	7.91E-06	906
461060	1/5/19	10:26 PM	COLTON-DHOOGHE	19	904	1807.966667	1/6/19	1:48 PM	SP:23500 SE BORGES RD_1	0.002044	2.26E-06	904
458643	1/5/19	10:07 PM	COONES FERRY-LAKE GROVE	1	903	17161.75	1/6/19	1:29 PM	FUSE_OH:D4333D-20 / B / 40 A	0.019399	2.15E-05	903
460918	1/5/19	11:07 PM	MULJINO-SOUTH	20	890	17809.66667	1/6/19	1:57 PM	FUSE_OH:D4234A-2135 / C / 25 A	0.020131	2.26E-05	890
460177	1/5/19	10:39 PM	GLENDOVEER-13596	4	887	3546	1/6/19	1:25 PM	XFM_OH:A 15 43723	0.004008	4.52E-06	887
460319	1/5/19	10:42 PM	SPRINGBROOK-ZIMRI	559	884	493876.5	1/6/19	1:25 PM	RECL:5499	0.558248	6.32E-04	884
460877	1/5/19	11:03 PM	COLTON-GRAYS HILL	52	881	45796.4	1/6/19	1:43 PM	FUSE_OH:D4429A-552 / A / 40 A	0.051765	5.88E-05	881
462572	1/5/19	10:49 PM	LELAND-BEAVERCREEK	2	879	1757.666667	1/6/19	1:27 PM	SP:17505 S KILLDEER RD	0.001987	2.26E-06	879
457484	1/5/19	9:08 PM	LIBERTY-VISTA	20	878	17561.66667	1/6/19	11:46 AM	FUSE_OH:C8304C-3331 / C / 15 A	0.019851	2.26E-05	878
463586	1/5/19	10:14 PM	CARVER-WOODS	1	876	875.8333333	1/6/19	12:49 PM	SP:7355 SW JOSHUA PL	0.00099	1.13E-06	876
461637	1/5/19	11:05 PM	NNINGS LODGE-JENNINGS 13	2	875	1749.7333333	1/6/19	1:40 PM	SP:17678 S GRONLUND RD	0.000978	2.26E-06	875
461591	1/5/19	11:43 PM	SANDY-362ND	1	870	869.9333333	1/6/19	2:13 PM	SP:465 E HEREFORD ST	0.001978	2.26E-06	870
457402	1/5/19	7:47 PM	TWILIGHT-BREMER	1	868	868	1/6/19	10:15 AM	SP:19797 SE TICKLE CREEK RD	0.000983	1.13E-06	868
461472	1/5/19	11:39 PM	MULTNOMAH-13176	1	855	855.0166667	1/6/19	1:54 PM	SP:25797 S LILLI LN_2	0.000981	1.13E-06	855
457407	1/5/19	9:00 PM	AMITY-AMITY 13	8	853	6825.2	1/6/19	11:13 AM	SP:3433 SW HUME ST	0.0007715	9.04E-06	853
460964	1/5/19	11:01 PM	BORING-CITY	3	837	2511.45	1/6/19	12:58 PM	FUSE_OH:C6404C-196 / C / 25 A	0.002839	3.39E-06	837
459100	1/5/19	10:16 PM	IRTH PLAINS-NORTH PLAINS 13	3	836	835.6666667	1/6/19	12:11 PM	SP:28000 SE FERN DR	0.000945	1.13E-06	836
457485	1/5/19	9:00 PM	LIBERTY-MORNINGSIDE	142	833	118224.4667	1/6/19	10:52 AM	SP:38991 NW MURTAUGH RD	0.133634	1.61E-04	833
458605	1/5/19	10:02 PM	LELAND-CARUS	268	825	221171.4667	1/6/19	11:47 AM	FUSE_OH:C8303D-1024 / ABC / 100 A	0.249999	3.03E-04	825
461583	1/5/19	11:41 PM	ABERNETHY-TRANSIT	1	824	823.9333333	1/6/19	1:25 PM	SW_OHLB:3003	0.000931	1.13E-06	824
461471	1/5/19	10:48 PM	EASANT VALLEY-PLEASANT 13	600	818	490710	1/6/19	12:25 PM	SP:8001 SE 162ND AVE	0.554669	6.78E-04	818
463714	1/5/19	9:53 PM	CANBY-ZIMMERMAN	1	817	817	1/6/19	11:30 AM	SP:Null 59	0.000923	1.13E-06	817
459097	1/5/19	10:16 PM	COFFEE CREEK-FREEMAN	7	811	5673.616667	1/6/19	11:46 AM	SP:10680 SW CLUTTER ST	0.006413	7.91E-06	811
459868	1/5/19	10:34 PM	BORING-TELFORD	116	808	93739.6	1/6/19	12:02 PM	FUSE_OH:D2315C-1152 / AB / 65 A	0.105958	1.31E-04	808
461104	1/5/19	11:11 PM	WEST PORTLAND-PACIFIC	17	806	13696.05	1/6/19	12:36 PM	FUSE_OH:D1131C-85 / AC / 100 A	0.015481	1.92E-05	806
457792	1/5/19	9:28 PM	FARGO-FARGO 13	39	804	31369	1/6/19	10:52 AM	FUSE_OH:C4214A-569 / ABC / 15 A	0.035458	4.41E-05	804
459922	1/5/19	10:42 PM	SAN NORTH-HOGAN NORTH 13	3	802	2405.35	1/6/19	12:03 PM	SP:7634 SE HOGAN RD	0.002719	3.39E-06	802
460316	1/5/19	10:42 PM	SAN NORTH-HOGAN NORTH 13	2	802	1603.4333333	1/6/19	12:03 PM	SP:7518 SE HOGAN RD	0.001812	2.26E-06	802
460301	1/5/19	10:42 PM	SAN NORTH-HOGAN NORTH 13	1	801	801	1/6/19	12:03 PM	SP:7618 SE HOGAN RD	0.000905	1.13E-06	801
461171	1/5/19	11:19 PM	DAR HILLS-SHIPPING CENTER	1	793	792.8833333	1/6/19	12:32 PM	SP:1905 SW CEDAR HILLS BLVD	0.000896	1.13E-06	793
459963	1/5/19	10:41 PM	NNINGS LODGE-JENNINGS 13	51	787	40116.6	1/6/19	11:47 AM	FUSE_OH:D2217D-1699 / AB / 40 A	0.045345	5.76E-05	787
458359	1/5/19	9:49 PM	WEST PORTLAND-PACIFIC	286	783	223818.8333	1/6/19	10:51 AM	FUSE_OH:D1131A-1119 / ABC / 6 A	0.252991	3.23E-04	783
459392	1/5/19	10:22 PM	GLENCULLEN-SUNSET	7	780	5462.1	1/6/19	11:22 AM	XFM_OH:A 37.5 1225	0.006174	7.91E-06	780
458544	1/5/19	9:46 PM	SIX CORNERS-BORCHERS	1	780	780	1/6/19	10:46 AM	SP:20345 SW SCHOLLS SHERWOOD RD	0.000882	1.13E-06	780
459420	1/5/19	10:23 PM	CULVER-GAFFIN	3	777	2332.1	1/6/19	11:20 AM	FUSE_OH:C8204C-2751 / B / 6 A	0.002636	3.39E-06	777
460705	1/5/19	10:54 PM	LELAND-BEAVERCREEK	18	776	13965	1/6/19	11:49 AM	FUSE_OH:D5215D-620 / C / 65 A	0.015785	2.03E-05	776
458231	1/5/19	9:52 PM	DAYTON-LAFAYETTE	1	775	775.0166667	1/6/19	10:47 AM	FUSE_OH:C4308A-1546 / ABC / 15 A	0.000876	1.13E-06	775
458129	1/5/19	9:43 PM	TIGARD-13362	1	775	775	1/6/19	10:38 AM	SP:13016 SW BROADMOOR PL	0.000876	1.13E-06	775
460178	1/5/19	10:39 PM	IRTH PLAINS-NORTH PLAINS 13	2	769	1537.2333333	1/6/19	11:27 AM	XFM_OH:A 25 114897	0.001738	2.26E-06	769
461862	1/5/19	11:44 PM	MULTNOMAH-13181	5	765	3826.75	1/6/19	12:29 PM	SP:5107 SW GARDEN HOME RD	0.004326	5.65E-06	765

**Attachment A Summary
of Outages 5 hours and longer PGE Service Territory
January 5, 2019**

Outage #	Outage Date	Outage Time	Feeder Name	Customers Affected	Duration	Customer Minutes	Return Date	Return Time	Interrupt Location	SAIDI	SAIFI	CAIDI
458604	1/5/19	10:02 PM	TEKTRONIX-MEADOW	1	763	763	1/6/19	10:45 AM	SP:13490 SW BUTNER RD	0.000862	1.13E-06	763
462001	1/5/19	10:08 PM	MOBILE 5-ROMEIO	303	760	230158.8	1/6/19	10:47 AM	RECL:2488	0.260158	3.42E-04	760
462760	1/5/19	10:20 PM	ABERNETHY-TRANSIT	8	757	6059.6	1/6/19	10:57 AM	XFM_LUG:B 100 2817	0.006849	9.04E-06	757
460858	1/5/19	10:20 PM	ABERNETHY-TRANSIT	57	757	43173.7	1/6/19	10:57 AM	FUSE_OH:D3206A-1680 / C / 100 A	0.048801	6.44E-05	757
459401	1/5/19	10:26 PM	OGAN SOUTH-LAWRENCE	3	756	2269.4	1/6/19	11:02 AM	FUSE_OH:D1321C-2209 / A / 10 A	0.002565	3.39E-06	756
458603	1/5/19	10:02 PM	TIGARD-13362	1	755	755	1/6/19	10:37 AM	SP:10865 SW WALNUT ST	0.000853	1.13E-06	755
461685	1/5/19	10:10 PM	LACKAMAS-GLADSTONE	13	755	9808.716667	1/6/19	10:44 AM	SP:14381 S CLACKAMAS RIVER DR	0.011087	1.47E-05	755
459404	1/5/19	10:29 PM	CLACKAMAS-TOLBERT	141	753	10617.3	1/6/19	11:02 AM	FUSE_OH:D2209B-3231 / ABC / 100 A	0.120012	1.59E-04	753
458557	1/5/19	9:56 PM	TIGARD-13336	40	752	3008.0	1/6/19	10:28 AM	FUSE_OH:C11350-55 / ABC / 40 A	0.034001	4.52E-05	752
457956	1/5/19	9:42 PM	WALLACE-WALLACE 13	1	752	752	1/6/19	10:14 AM	SP:1651 37TH AV NW	0.00085	1.13E-06	752
459785	1/5/19	10:34 PM	ARBORTON-BURLINGTON	4	750	2998.466667	1/6/19	11:03 AM	FUSE_OH:B2213B-407 / AC / 6 A	0.003389	4.52E-06	750
458910	1/5/19	10:09 PM	CORNELL-BUFFS	1	749	749	1/6/19	10:38 AM	SP:11410 NW MCDANIEL RD	0.000847	1.13E-06	749
460952	1/5/19	11:07 PM	SIX CORNERS-SIX CORNERS 13	11	745	8198.116667	1/6/19	11:32 AM	FUSE_OH:C2128C-3728 / A / 65 A	0.009267	1.24E-05	745
458376	1/5/19	9:58 PM	COLTON-GRAYS HILL	69	741	51130.15	1/6/19	10:19 AM	FUSE_OH:D4934D-462 / AB / 65 A	0.057794	7.80E-05	741
457899	1/5/19	9:39 PM	TURNER-CASCADE	1	741	741	1/6/19	10:00 AM	SP:8513 WIPPER RD SE	0.000838	1.13E-06	741
459669	1/5/19	10:29 PM	SYLVAN-PATTON	1	741	741	1/6/19	10:50 AM	SP-SW 61 500 FT N/O CANYON CT	0.000838	1.13E-06	741
459758	1/5/19	10:29 PM	ARBORTON-BURLINGTON	1	739	739	1/6/19	10:48 AM	SP:15802 NW SHELTERED NOOK RD	0.000835	1.13E-06	739
457798	1/5/19	9:42 PM	SIX CORNERS-CHAPMAN	25	733	18325.83333	1/6/19	9:55 AM	FUSE_OH:C3201D-181 / C / 65 A	0.020714	2.83E-05	733
459774	1/5/19	10:32 PM	COGGINS-LAURELWOOD	1	733	733	1/6/19	10:45 AM	SP:7355 SW JOSHUA PL_1	0.000829	1.13E-06	733
463518	1/5/19	10:02 PM	LELAND-CARUS	411	733	301263	1/6/19	10:15 AM	RECL:3468	0.340529	4.65E-04	733
459864	1/5/19	10:41 PM	NNINGS LODGE-JENNINGS 13	76	732	55595.26667	1/6/19	10:52 AM	FUSE_OH:D2217D-2573 / B / 65 A	0.062842	8.59E-05	732
459505	1/5/19	10:28 PM	LELAND-BEAVERCREEK	87	731	6359.7	1/6/19	10:39 AM	FUSE_OH:D3210B-1790 / AC / 40 A	0.071886	9.83E-05	731
460169	1/5/19	10:38 PM	ORTH PLAINS-NORTH PLAINS 13	1	730	730	1/6/19	10:48 AM	SP:16805 NW COREY RD_1	0.000825	1.13E-06	730
459008	1/5/19	10:12 PM	LACKAMAS-GLADSTONE	70	727	50890	1/6/19	10:19 AM	FUSE_OH:D2216C-2421 / ABC / 100 A	0.057523	7.91E-05	727
461129	1/5/19	11:14 PM	RALEIGH HILLS-OLESON	157	725	113874.7167	1/6/19	11:19 AM	FUSE_OH:D1107D-3231 / BC / 65 A	0.128717	1.77E-04	725
462462	1/5/19	11:14 PM	RALEIGH HILLS-OLESON	215	725	155871.4167	1/6/19	11:18 AM	FUSE_OH:D1107D-1625 / ABC / 65 A	0.176188	2.43E-04	725
458334	1/5/19	9:54 PM	WILSONVILLE-VILLEBOIS	24	722	17321.6	1/6/19	9:55 AM	FUSE_OH:C3114A-4834 / C / 25 A	0.019579	2.71E-05	722
463680	1/5/19	10:15 PM	MOBILE 5-ROMEIO	27	718	19386	1/6/19	10:13 AM	FUSE_OH:D8105A-370 / C / 15 A	0.021913	3.05E-05	718
462119	1/5/19	10:03 PM	EST UNION-CORNELIUS PASS	8	715	5720	1/6/19	9:58 AM	FUSE_OH:B2226C-1020 / C / 40 A	0.006466	9.04E-06	715
457766	1/5/19	9:31 PM	WOODBURN-EAST	6	712	4274.1	1/6/19	9:23 AM	FUSE_OH:C5126C-4187 / AC / 40 A	0.004831	6.78E-06	712
458256	1/5/19	9:45 PM	CANBY-ZIMMERMAN	28	711	19911.73333	1/6/19	9:36 AM	FUSE_OH:D4120B-256 / AB / 25 A	0.022507	3.16E-05	711
460826	1/5/19	10:57 PM	SANDY-WILD CAT	176	709	124742.9333	1/6/19	10:45 AM	FUSE_OH:D3505C-813 / ABC / 6 A	0.141002	1.99E-04	709
460862	1/5/19	10:09 PM	NNINGS LODGE-JENNINGS 13	41	705	28917.3	1/6/19	9:54 AM	SP:225 W CLACKAMAS BLVD	0.032686	4.63E-05	705
457811	1/5/19	9:39 PM	FARGO-FARGO 13	88	702	61733.46667	1/6/19	9:20 AM	FUSE_OH:C4111B-310 / BC / 40 A	0.06978	9.95E-05	702
461201	1/5/19	11:23 PM	LELAND-BEAVERCREEK	1	697	696.65	1/6/19	10:59 AM	SP:21339 S BEAVERCREEK RD	0.000787	1.13E-06	697
459126	1/5/19	10:17 PM	RALEIGH HILLS-OLESON	4	689	2754.8	1/6/19	9:45 AM	FUSE_OH:D1118B-4530 / ABC / 40 A	0.003114	4.52E-06	689
458879	1/5/19	10:17 PM	RALEIGH HILLS-OLESON	14	688	9635.266667	1/6/19	9:45 AM	FUSE_OH:D1118B-4531 / A / 25 A	0.010891	1.58E-05	688
458352	1/5/19	9:56 PM	DAR HILLS-SHOPPING CENTER	59	685	40494.66667	1/6/19	9:21 AM	FUSE_OH:C1110B-4039 / AB / 100 A	0.045705	6.67E-05	685
458712	1/5/19	10:10 PM	MOLALA-YODER	1	678	678.35	1/6/19	9:28 AM	SP:5900 S HWY 211	0.000767	1.13E-06	678
458397	1/5/19	10:02 PM	TIGARD-13362	179	675	120860.8	1/6/19	9:17 AM	FUSE_UG:C2103A-234 / ABC / 200 A	0.136614	2.02E-04	675
457911	1/5/19	9:40 PM	WALLACE-WALLACE 13	13	672	8729.716667	1/6/19	8:51 AM	FUSE_OH:C7307B-2 / AC / 25 A	0.009868	1.47E-05	672
459512	1/5/19	10:27 PM	ISLAND-13180	121	667	80761.45	1/6/19	9:34 AM	FUSE_OH:D1136C-5861 / ABC / 100 A	0.091288	1.37E-04	667
458619	1/5/19	10:02 PM	DILLEY-DILLEY 13	173	664	114857.5833	1/6/19	9:05 AM	RECL:4098	0.129828	1.96E-04	664
461396	1/5/19	10:30 PM	GHTWOOD-BRIGHTWOOD 13	1	662	662.2833333	1/6/19	10:25 AM	RECL:4098	0.000749	1.13E-06	662
459767	1/5/19	10:30 PM	SULLIVAN-WILLAMETTE	156	662	103272	1/6/19	9:32 AM	RECL:1392	0.116732	1.76E-04	662
461832	1/5/19	10:05 PM	DILLEY-DILLEY 13	556	661	367460.4	1/6/19	9:05 AM	RECL:4098	0.415355	6.28E-04	661
461089	1/5/19	11:08 PM	EWBERG-NORTH COLLEGE	1	655	655	1/6/19	10:03 AM	SP:20820 NE NORTH VALLEY RD	0.00074	1.13E-06	655
460677	1/5/19	10:45 PM	ORIENT-OWBOW	82	642	52644	1/6/19	9:27 AM	RECL:6466	0.059506	9.27E-05	642
458637	1/5/19	10:07 PM	LIBERAL-LIBERAL 13	1	642	642	1/6/19	8:49 AM	SP:11330 S RIGGS DAMM RD	0.000726	1.13E-06	642
461404	1/5/19	11:24 PM	CARVER-CARVER 13	15	640	9595.5	1/6/19	10:03 AM	FUSE_OH:D2309C-631 / C / 40 A	0.010846	1.70E-05	640
457491	1/5/19	9:09 PM	LIBERTY-ROSEDALE	38	639	24278.2	1/6/19	7:47 AM	FUSE_OH:C8333A-742 / ABC / 40 A	0.027443	4.30E-05	639
461407	1/5/19	11:25 PM	TIGARD-13362	3	625	1875.35	1/6/19	9:50 AM	XFM_OH:A 15 60355	0.00212	3.39E-06	625
460852	1/5/19	11:00 PM	CARVER-CARVER 13	7	617	4932.15	1/6/19	9:17 AM	FUSE_OH:D2308A-1190 / C / 65 A	0.004885	7.91E-06	617

**Attachment A Summary
of Outages 5 hours and longer PGE Service Territory
January 5, 2019**

Outage #	Outage Date	Outage Time	Feeder Name	Customers Affected	Duration	Customer Minutes	Return Date	Return Time	Interrupt Location	SAIDI	SAIFI	CAIDI
461277	1/5/19	11:17 PM	TIGARD-13336	1	610	609.9166667	1/6/19	9:26 AM	SP:11280 SW 90TH AVE	0.000689	1.13E-06	610
460692	1/5/19	10:53 PM	CARVER-CARVER 13	35	607	21253.16667	1/6/19	9:00 AM	FUSE_OH:D2305A-1366 / AC / 65 A	0.024023	3.96E-05	607
461223	1/5/19	11:20 PM	CANBY-13644	19	607	11533	1/6/19	9:27 AM	FUSE_OH:D31228-1863 / B / 25 A	0.013036	2.15E-05	607
458402	1/5/19	9:54 PM	LELAND-CARUS	736	606	445832	1/6/19	7:59 AM	RECL:2576	0.503941	8.32E-04	606
460716	1/5/19	10:57 PM	MUJINO-NORTH	1	605	604.5833333	1/6/19	9:02 AM	SP:Null_15	0.000683	1.13E-06	605
461397	1/5/19	11:23 PM	GHTWOOD-BRIGHTWOOD 13	1	594	594.3166667	1/6/19	9:17 AM	SP:52762 E CHERRYVILLE DR	0.000672	1.13E-06	594
458276	1/5/19	9:48 PM	CHOLS FERRY-RAINBOW	71	588	41771.66667	1/6/19	7:36 AM	FUSE_OH:C2201D-106 / ABC / 40 A	0.047216	8.03E-05	588
460949	1/5/19	11:08 PM	ORTH PLAINS-MASON HILL	28	586	16403.33333	1/6/19	8:53 AM	FUSE_OH:83294C-39 / ABC / 25 A	0.018541	3.16E-05	586
461051	1/5/19	11:05 PM	MOLALLA-FOREST	7	579	4049.966667	1/6/19	8:43 AM	FUSE_OH:D5202A-732 / ABC / 40 A	0.004578	7.91E-06	579
458818	1/5/19	10:17 PM	BRAND RONDE-AGENCY	75	578	43313.75	1/6/19	8:20 AM	FUSE_OH:C6116A-959 / ABC / 65 A	0.048959	8.48E-05	578
461415	1/5/19	11:26 PM	DELAWARE-DENVER	63	576	80040.83333	1/6/19	7:52 AM	FUSE_OH:C6801D-216 / ABC / 65 A	0.090473	1.57E-04	576
458363	1/5/19	9:58 PM	LTNOMAH-MULTNOMAH 13	426	569	242486.3	1/6/19	7:27 AM	FUSE_OH:A1121A-313 / ABC / 100 A	0.040804	7.12E-05	573
459440	1/5/19	10:28 PM	DAR HILLS-SHOPPING CENTER	138	567	78271.3	1/6/19	7:55 AM	SP:1625 N SUMNER ST	0.000645	1.13E-06	570
460859	1/5/19	10:01 PM	LTNOMAH-MULTNOMAH 13	3	566	1697.95	1/6/19	7:26 AM	RECL:7812	0.274092	4.82E-04	569
457683	1/5/19	9:25 PM	WOODBURN-EAST	248	560	138789.0667	1/6/19	6:44 AM	FUSE_OH:C1103C-7161 / ABC / 100 A	0.088473	1.56E-04	567
461150	1/5/19	11:08 PM	DURHAM-SATTLER	129	546	70487.75	1/6/19	7:26 AM	SP:2520 SW STANLEY CT	0.001919	3.39E-06	566
459931	1/5/19	10:35 PM	ARBORTON-BURLINGTON	52	545	28342.6	1/6/19	7:40 AM	RECL:2680	0.156879	2.80E-04	560
461442	1/5/19	11:15 PM	REDLAND-REDLAND 13	11	541	5948.616667	1/6/19	8:14 AM	FUSE_OH:C2114A-2405 / ABC / 65 A	0.079675	1.46E-04	546
462386	1/5/19	11:15 PM	DURHAM-SATTLER	44	540	23754.86667	1/6/19	8:14 AM	FUSE_OH:83126A-38 / ABC / 40 A	0.032037	5.88E-05	545
460529	1/5/19	10:47 PM	SANDY-362ND	26	538	13983.66667	1/6/19	7:44 AM	SP:17190 S HOLCOMB RD	0.006724	1.24E-05	541
460757	1/5/19	10:47 PM	DUNNS CORNER-KELSO	1	532	532.2	1/6/19	7:01 AM	FUSE_OH:C2114A-2407 / B / 40 A	0.026851	4.97E-05	540
458911	1/5/19	10:09 PM	CORNELL-BLUFFS	1	532	537	1/6/19	7:44 AM	FUSE_OH:A1107D-67 / B / 65 A	0.086506	0.000161	539
461867	1/5/19	11:37 PM	ISLAND-13187	221	532	117564.6333	1/6/19	8:29 AM	FUSE_OH:D2410C-667 / B / 40 A	0.015806	2.94E-05	538
458907	1/5/19	10:09 PM	CORNELL-BLUFFS	1	530	530.05	1/6/19	6:59 AM	SP:15000 SE EDELWEISS DR_1	0.000607	1.13E-06	537
461619	1/5/19	11:36 PM	ARBORTON-BURLINGTON	29	516	14978.01667	1/6/19	8:12 AM	SP:2556 NW ARNOTT LN	0.000602	1.13E-06	532
461735	1/5/19	9:15 PM	MOBILE 5-ROMEO	329	506	166567.2167	1/6/19	5:41 AM	FUSE_OH:D2112B-2297 / ABC / 65 A	0.01693	3.28E-05	516
457626	1/5/19	10:03 PM	EST UNION-CORNELIUS PASS	34	715	16666	1/6/19	9:58 AM	SP:11694 NW BENBURB LN	0.132888	2.50E-04	532
458410	1/5/19	11:37 PM	MARTEN HOME-MCKAY	1	487	486.8	1/6/19	7:43 AM	FUSE_OH:B2109C-1083 / ABC / 40 A	0.000599	1.13E-06	530
458526	1/5/19	10:00 PM	MT ANGEL-WEST	74	487	36007.16667	1/6/19	6:06 AM	SP:20280 SE BATY RD	0.025017	4.86E-05	515
462026	1/5/19	10:35 PM	ORTH PLAINS-MASON HILL	1	480	480.15	1/6/19	6:35 AM	RECL:6445	0.188277	3.72E-04	506
461658	1/5/19	10:38 PM	EAGLE CREEK-BARTON	80	475	38018.66667	1/6/19	6:33 AM	FUSE_OH:B1201A-135 / C / 40 A	0.018838	3.84E-05	490
458358	1/5/19	9:39 PM	TURNER-CASCADE	3	470	1409.2	1/6/19	5:28 AM	SP:6225 SW MULTNOMAH BLVD	0.00055	1.13E-06	487
460846	1/5/19	11:00 PM	ALES CREEK-GALES CREEK 13	12	469	5629.2	1/6/19	6:49 AM	RECL:3882	0.0407	8.36E-05	487
460678	1/5/19	10:38 PM	SANDY-SANDY 13	72	464	33408	1/6/19	6:22 AM	SP:15253 NW OLD PUMPKIN RIDGE RD	0.000543	1.13E-06	480
462418	1/5/19	11:36 PM	ARDEN HOME-METZGER	847	463	392189.2333	1/6/19	7:19 AM	SP:Null_17	0.042974	9.04E-05	475
461576	1/5/19	11:37 PM	GLENCULLEN-SUNSET	2	463	925.1666667	1/6/19	7:19 AM	SP:8513 WIPPER RD SE_4	0.001593	3.39E-06	470
458679	1/5/19	10:09 PM	CORNELL-BLUFFS	27	462	12460.5	1/6/19	5:50 AM	FUSE_OH:L2824	0.006363	1.36E-05	469
458878	1/5/19	10:17 PM	NNINGS LODGE-JENNINGS 13	87	454	39525.55	1/6/19	5:51 AM	FUSE_OH:D2529D-2797 / C / 40 A	0.037762	8.14E-05	464
461255	1/5/19	11:14 PM	HUBBARD-FARMINGTON	1	444	444.4333333	1/6/19	6:38 AM	SW_OH:L2824	0.443307	9.57E-04	463
457788	1/5/19	9:33 PM	WILLAMINA-BRIDGE	38	442	3977.7	1/6/19	5:42 AM	SP:4509 SW VERMONT ST_1	0.001046	2.26E-06	463
459371	1/5/19	10:21 PM	BANKS-BANKS 13	9	442	262380	1/6/19	6:53 AM	FUSE_OH:B1127D-306 / C / 40 A	0.014085	3.05E-05	462
461885	1/5/19	11:36 PM	ARDEN HOME-METZGER	600	437	262380	1/6/19	6:53 AM	FUSE_OH:D2220C-2141 / ABC / 65 A	0.044677	9.83E-05	454
460133	1/5/19	10:47 PM	NEWBERG-DUNDEE	2463	416	1025634.25	1/6/19	5:43 AM	SP:6920 SW 182ND AVE	0.000502	1.13E-06	444
458627	1/5/19	10:06 PM	BOONES FERRY-KRUSE	1	416	416.4	1/6/19	5:02 AM	FUSE_OH:B1307C-797 / ABC / 65 A	0.004496	1.02E-05	442
459848	1/5/19	10:38 PM	TEKRONIX-SHANNON	105	756	43490	1/6/19	11:14 AM	SW_OH:L2824	0.296578	0.000678	437
458727	1/5/19	10:15 PM	BOONES FERRY-KRUSE	1	406	406.3	1/6/19	5:01 AM	BKR:NEWBERG R120	0.000471	1.13E-06	416
457492	1/5/19	9:04 PM	MIDDLE GROVE-CORDON	124	406	50282	1/6/19	3:49 AM	SP:4361 HARVEY WAY	1.159315	2.78E-03	416
461189	1/5/19	11:18 PM	GLENCOE-GLISAN	43	401	17255.9	1/6/19	5:59 AM	FUSE_OH:C1110B-3385 / ABC / 100 A	0.049158	1.19E-04	414
459836	1/5/19	10:32 PM	REDLAND-HENRICI	1156	398	459953.1333	1/6/19	5:09 AM	SP:3954 CARMAN DR	0.000459	1.13E-06	406
									RECL:2553	0.056836	1.40E-04	406
									FUSE_OH:D1206B-284 / ABC / 40 A	0.019505	4.86E-05	401
									RECL:4467	0.519903	1.31E-03	398

Attachment A Summary
of Outages 5 hours and longer PGE Service Territory
January 5, 2019

Outage #	Outage Date	Outage Time	Feeder Name	Customers Affected	Duration	Customer Minutes	Return Date	Return Time	Interrupt Location	SAIDI	SAIFI	CAIDI
459844	1/5/19	10:34 PM	MULINO-SOUTH	226	397	89812.4	1/6/19	5:11 AM	FUSE_OH:D4217D-1281 / ABC / 100 A	0.101518	2.55E-04	397
458674	1/5/19	10:05 PM	VILSONVILLE-BOECKMAN	98	393	38553.2	1/6/19	4:38 AM	FUSE_OH:C3112A-4546 / AB / 65 A	0.043578	0.000111	393
459838	1/5/19	10:38 PM	MURRAYHILL-REUSSER	116	384	44547.86667	1/6/19	5:02 AM	FUSE_OH:C1129C-371 / ABC / 40 A	0.050354	1.31E-04	384
459779	1/5/19	10:32 PM	OONES FERRY-LAKE GROVE	27	379	10227.15	1/6/19	4:50 AM	FUSE_OH:D2117B-861 / AC / 65 A	0.011156	3.05E-05	379
460016	1/5/19	10:31 PM	SYLVAN-BARNES	13	372	4837.95	1/6/19	4:43 AM	FUSE_OH:B1136D-636 / BC / 40 A	0.005469	1.47E-05	372
457363	1/5/19	10:25 AM	ESTACADA-ESTACADA 13	2	364	727.9666667	1/5/19	4:28 PM	ELBOW:D3324A-1974-3	0.000823	2.26E-06	364
457500	1/5/19	9:06 PM	INDIAN-LABISH	41	353	14460.7	1/6/19	2:58 AM	FUSE_OH:C6229A-1286 / ABC / 25 A	0.016345	4.63E-05	353
458735	1/5/19	10:14 PM	ISLAND-13188	277	353	97688.66667	1/6/19	4:06 AM	FUSE_OH:D2112A-3646 / ABC / 100 A	0.110421	3.13E-04	353
461447	1/5/19	11:29 PM	CENTENNIAL-BARKER	239	344	82124.38333	1/6/19	5:12 AM	FUSE_OH:D1212A-7622 / ABC / 100 A	0.092828	2.70E-04	344
458349	1/5/19	9:55 PM	VIOLALLA-MARQUAM	160	342	54682.66667	1/6/19	3:36 AM	RECL:9515	0.06181	1.81E-04	342
458813	1/5/19	10:18 PM	REDLAND-REDLAND 13	120	326	39108	1/6/19	3:43 AM	FUSE_OH:D2224B-3340 / ABC / 65 A	0.044205	1.36E-04	326
458824	1/5/19	10:18 PM	REDLAND-REDLAND 13	715	326	233018.5	1/6/19	3:43 AM	RECL:1232	0.26339	8.08E-04	326
458876	1/5/19	10:18 PM	REDLAND-REDLAND 13	96	326	31284.8	1/6/19	3:43 AM	FUSE_OH:D2223D-1063 / ABC / 100 A	0.035362	1.09E-04	326
458882	1/5/19	10:18 PM	REDLAND-REDLAND 13	6	326	1955.3	1/6/19	3:43 AM	FUSE_OH:D2223D-8968 / C / 6 A	0.00221	6.78E-06	326
458857	1/5/19	10:18 PM	REDLAND-REDLAND 13	1	326	325.8333333	1/6/19	3:43 AM	XFM_OH:A 25 91622	0.000368	1.13E-06	326
458056	1/5/19	9:43 PM	NEWBERG-CHEHALEM	77	316	24348.68333	1/6/19	2:59 AM	FUSE_OH:C3304C-582 / ABC / 65 A	0.027522	8.70E-05	316
461167	1/5/19	10:35 PM	ORTH PLAINS-MASON HILL	224	304	68118.4	1/6/19	3:39 AM	RECL:4528	0.076997	2.53E-04	304