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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

July 18, 2019

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

Re: Major Event Exclusion
Period: June 26, 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 June 26, 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 June 26, 2019, PGE's entire service territory experienced a wind storm causing widespread outages. The Portland area experienced wind gusts of 31 mph, Salem experienced wind gusts of 48 mph, and Troutdale experienced wind gusts of 32 mph.

The severe wind caused many tree-related outages. Uprooted trees and broken limbs caused damage to PGE 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 winds. 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 23,018 customers without power. During the storm, a total of 27,279 Customers were affected.

4. The calculated SAIDI, SAIFI, and CAIDI impacts (i.e., “Event SAIDI², SAIFI³, CAIDI⁴ and Tmed”) 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, Tmed, and system-wide basis totals:

	RELIABILITY REPORTING AREAS			SYSTEM-WIDE BASIS
	EASTERN ¹	SOUTHERN	WESTERN	PGE SERVICE TERRITORY
<i>SAIDI²</i>	4.38	2.78	1.73	8.88
<i>SAIFI³</i>	0.016	0.010	0.005	0.031
<i>CAIDI⁴</i>	277	270	366	288
<i>Customers out at peak</i>	11,428	7,385	4,205	23,018
<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 June 26, 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@pgn.com.

Sincerely,



James Landstrom,
Manager, Transmission and Distribution Asset Management

Enclosures

Major Event Exclusion Period: June 26, 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
June 26, 2019

Outage #	Outage Date	Outage Time	Feeder Name	Customers Affected	Duration	Customer Minutes	Return Date	Return Time	Interrupt Location	SAIDI	SAIFI	CAIDI
527376	6/26/19	5:45 PM	MOLALLA-MARQUAM	1	2709	2708.533333	6/28/19	2:53 PM	SP:17252 S BOYLES RD	0.003062	1.13E-06	2,709
529762	6/26/19	8:15 PM	ELLWOOD-SELLWOOD 13	3	2355	7064.55	6/28/19	11:30 AM	SP:8317 SE 9TH AVE	0.007985	3.39E-06	2,355
529266	6/26/19	6:50 PM	MOLALLA-MARQUAM	1	1459	1459	6/27/19	7:09 PM	SP:16050 S PIERCE RD_1	0.001649	1.13E-06	1,459
530193	6/26/19	5:46 PM	MOLALLA-MARQUAM	16	1433	22931.2	6/27/19	5:39 PM	FUSE_OH:D6213B-259 / B / 25 A	0.02592	1.81E-05	1,433
529117	6/26/19	6:33 PM	GLENDOVEER-13598	16	1290	20640	6/27/19	4:03 PM	XFM_UG:B 75 7077	0.02333	1.81E-05	1,290
528936	6/26/19	6:28 PM	SAN NORTH-HOGAN NORTH 13	2	1248	2496	6/27/19	3:16 PM	SP:6920 SE HOGAN RD	0.002821	2.26E-06	1,248
528863	6/26/19	6:37 PM	COLTON-DHOOGHE	1	1194	1193.866667	6/27/19	2:30 PM	SP:29999 S WINSLOW RD	0.001349	1.13E-06	1,194
527851	6/26/19	6:04 PM	MULINO-SOUTH	8	1187	9499.466667	6/27/19	1:51 PM	FUSE_OH:D4215B-888 / A / 25 A	0.010738	9.04E-06	1,187
529734	6/26/19	7:41 PM	MOLALLA-MARQUAM	4	1155	4618.933333	6/27/19	2:56 PM	SP:19516 S LAIS RD	0.005221	4.52E-06	1,155
531110	6/26/19	5:53 PM	MOLALLA-FOREST	4	1133	4530.8	6/27/19	12:45 PM	SP:15706 S HWY 211	0.005121	4.52E-06	1,133
527448	6/26/19	5:49 PM	MOLALLA-MARQUAM	158	1128	178231.9	6/27/19	12:37 PM	RECL:9515	0.201463	1.79E-04	1,128
527469	6/26/19	5:59 PM	COLTON-GRAYS HILL	82	1080	88560	6/27/19	11:59 AM	RECL:5491	0.100103	9.27E-05	1,080
529708	6/26/19	5:53 PM	MOLALLA-FOREST	2	1066	2131.066667	6/27/19	11:38 AM	SP:15970 S HOLMES RD	0.002409	2.26E-06	1,066
529606	6/26/19	6:28 PM	BORING-CITY	1	1044	1044.283333	6/27/19	11:52 AM	SP:13989 SE 312TH DR	0.00118	1.13E-06	1,044
527053	6/26/19	3:54 PM	GLENCOE-GLISAN	1	1039	1038.616667	6/27/19	9:13 AM	SP:4805 NE GLISAN ST	0.001174	1.13E-06	1,039
529246	6/26/19	6:45 PM	WELCHES-WELCHES 13	20	1019	20382	6/27/19	11:44 AM	FUSE_OH:D3709B-1128 / A / 40 A	0.023039	2.26E-05	1,019
531666	6/27/19	7:35 PM	DAR HILLS-SHOPPING CENTER	3	1018	3053.7	6/28/19	12:32 PM	XFM_OH:B 25 35038	0.003452	3.39E-06	1,018
531668	6/27/19	7:35 PM	DAR HILLS-SHOPPING CENTER	10	1017	10170	6/28/19	12:32 PM	XFM_OH:B 50 28294	0.011496	1.13E-05	1,017
529920	6/26/19	9:13 PM	CORNELL-WESTLAWN	1	1013	1012.583333	6/27/19	2:06 PM	SP:13995 NW MARSHALL ST	0.001145	1.13E-06	1,013
528530	6/26/19	6:20 PM	EAGLE CREEK-RIVER MILL	2	1006	2011.933333	6/27/19	11:05 AM	SP:29245 SE HWY 224	0.002274	2.26E-06	1,006
527779	6/26/19	5:56 PM	MT ANGEL-WEST	76	995	75585.8	6/27/19	10:30 AM	RECL:3882	0.085438	8.59E-05	995
527454	6/26/19	5:15 PM	MOBILE 5-ROMEO	2	988	1975.966667	6/27/19	9:42 AM	SP:14824 SILVER FALLS HW SE_1	0.002234	2.26E-06	988
528270	6/26/19	6:24 PM	CARVER-CARVER 13	7	987	6909.7	6/27/19	10:51 AM	FUSE_OH:D2308A-1190 / C / 65 A	0.00781	7.91E-06	987
527799	6/26/19	6:08 PM	MT ANGEL-WEST	1	984	984.4166667	6/27/19	10:33 AM	SP:12033 MT ANGEL-GERVAIS RD NE	0.001113	1.13E-06	984
528907	6/26/19	6:39 PM	REDLAND-REDLAND 13	1	953	952.8166667	6/27/19	10:32 AM	SP:18851 S TERRY MICHAEL DR	0.001077	1.13E-06	953
531991	6/27/19	9:33 PM	SELLWOOD-WAVERLY	1	949	948.8333333	6/28/19	1:21 PM	SP:1856 SE ST ANDREWS DR	0.001073	1.13E-06	949
530100	6/26/19	9:45 PM	MOLALLA-MARQUAM	1	948	947.6	6/27/19	1:32 PM	SP:36060 S DICKEY PRAIRIE RD	0.001071	1.13E-06	948
529277	6/26/19	6:46 PM	SANDY-WILDCAT	4	947	3788.133333	6/27/19	10:33 AM	FUSE_OH:D2414C-859 / B / 40 A	0.004282	4.52E-06	947
527372	6/26/19	5:44 PM	MOBILE 5-QUEBEC	4	946	3784	6/27/19	9:30 AM	XFM_OH:A 25 72820	0.004277	4.52E-06	946
527455	6/26/19	5:54 PM	MOLALLA-FOREST	2	945	1890	6/27/19	9:39 AM	XFM_OH:A 25 95749	0.002136	2.26E-06	945
530130	6/26/19	9:37 PM	REDLAND-HENRICI	4	938	3752.333333	6/27/19	1:15 PM	XFM_OH:C 15 32307	0.004241	4.52E-06	938
529737	6/26/19	5:37 PM	BARNES-SUNNYSIDE	49	933	45694.95	6/27/19	9:10 AM	FUSE_OH:C8326C-201 / A / 40 A	0.051651	5.54E-05	933
529712	6/26/19	7:47 PM	MULINO-SOUTH	1	932	932.2666667	6/27/19	11:20 AM	SP:27571 S RINGO RD	0.001054	1.13E-06	932
529735	6/26/19	8:00 PM	MERIDIAN-MERIDIAN 13	1	931	931.2166667	6/27/19	11:31 AM	SP:Null_6	0.001053	1.13E-06	931
529463	6/26/19	6:24 PM	REDLAND-REDLAND 13	5	904	4520.166667	6/27/19	9:28 AM	SP:16360 S NEIBUR RD	0.005109	5.65E-06	904
528175	6/26/19	6:16 PM	EAGLE CREEK-BARTON	105	904	94920	6/27/19	9:20 AM	XFM_OH:B 15 33417	0.107292	1.19E-04	904
529733	6/26/19	7:57 PM	REDLAND-REDLAND 13	1	900	900.3833333	6/27/19	10:58 AM	SP:Null_30	0.001018	1.13E-06	900
529950	6/26/19	8:57 PM	LELAND-BEAVERCREEK	7	899	6293	6/27/19	11:56 AM	SP:22333 S MINT LAKE RD	0.007113	7.91E-06	899
528738	6/26/19	6:26 PM	PLEASANT VALLEY-PLEASANT 13	9	889	7997.25	6/27/19	9:14 AM	XFM_OH:C 25 32957	0.00904	1.02E-05	889
529065	6/26/19	6:30 PM	CARVER-WOODS	1	885	885.2833333	6/27/19	9:15 AM	SP:15210 S ROSENBAUM RD	0.001001	1.13E-06	885
527776	6/26/19	6:00 PM	MULINO-SOUTH	3	885	2655.3	6/27/19	8:45 AM	XFM_OH:A 15 65536	0.003001	3.39E-06	885
527882	6/26/19	6:05 PM	COLTON-DHOOGHE	4	881	3524.333333	6/27/19	8:46 AM	FUSE_OH:D5308C-1356 / C / 6 A	0.003984	4.52E-06	881
528904	6/26/19	6:39 PM	INS CORNER-DUNNS CORNER 13	52	869	45182.8	6/27/19	9:08 AM	FUSE_OH:D2506B-664 / AB / 100 A	0.051072	5.88E-05	869
528097	6/26/19	6:12 PM	MOBILE 5-QUEBEC	27	859	23193	6/27/19	8:31 AM	FUSE_OH:C6132B-1279 / ABC / 25 A	0.026216	3.05E-05	859
529905	6/26/19	7:23 PM	MULINO-SOUTH	2	857	1714.7	6/27/19	9:41 AM	SP:28628 S DALMATIAN RD	0.001938	2.26E-06	857
528114	6/26/19	6:20 PM	MOBILE 5-QUEBEC	48	857	41143.2	6/27/19	8:37 AM	FUSE_OH:C6126C-2171 / ABC / 65 A	0.046506	5.43E-05	857
528326	6/26/19	6:15 PM	BERNETHY-OREGON CITY	6	856	5133.8	6/27/19	8:30 AM	XFM_UG:A 50 24824 C 25 48079	0.005803	6.78E-06	856
529362	6/26/19	6:44 PM	MIDWAY-POWELLHURST	6	847	5081.7	6/27/19	8:50 AM	XFM_OH:A 25 77244	0.005744	6.78E-06	847
528115	6/26/19	6:18 PM	REDLAND-REDLAND 13	128	846	108345.6	6/27/19	8:24 AM	FUSE_OH:D2223D-1063 / ABC / 100 A	0.122467	1.45E-04	846
531997	6/27/19	9:42 PM	WEST PORTLAND-PACIFIC	1	843	842.75	6/28/19	11:44 AM	SP:5901 SW HUDDLESON ST	0.000953	1.13E-06	843
528299	6/26/19	6:14 PM	ESTACADA-ESTACADA 13	1	825	825.1166667	6/27/19	7:59 AM	SP:30255 SE RIVER MILL RD	0.000933	1.13E-06	825
530553	6/26/19	9:50 PM	REDLAND-HENRICI	6	824	4945.9	6/27/19	11:35 AM	SP:21612 S CLEAR CREEK RD	0.005591	6.78E-06	824
530277	6/26/19	10:41 PM	MOLALLA-FOREST	5	824	4119.416667	6/27/19	12:24 PM	FUSE_OH:D5212A-2171 / B / 25 A	0.004656	5.65E-06	824

**Attachment A Summary
of Outages 5 hours and longer PGE Service Territory
June 26, 2019**

Outage #	Outage Date	Outage Time	Feeder Name	Customers Affected	Duration	Customer Minutes	Return Date	Return Time	Interrupt Location	SAIDI	SAIFI	CAIDI
529858	6/26/19	8:25 PM	E-11041	1	801	800.5833333	6/27/19	9:46 AM	PM:3400237390	0.000905	1.13E-06	801
529675	6/26/19	7:38 PM	REDLAND-REDLAND 13	1	789	788.5333333	6/27/19	8:46 AM	SP:16513 S ARROWHEAD DR	0.000891	1.13E-06	789
531981	6/27/19	8:57 PM	NWEST PORTLAND-PACIFIC	211	845	164666	6/28/19	11:02 AM	FUSE_OH:D11318-6125 / ABC / 100 A	0.186128	2.39E-04	780
529716	6/26/19	7:50 PM	LEASANT VALLEY-MOON	1	766	766.45	6/27/19	8:36 AM	SP:Null_99	0.000866	1.13E-06	766
528885	6/26/19	6:32 PM	LENDOVEER-CLIFFGATE	68	764	51971.26667	6/27/19	7:16 AM	FUSE_OH:A1226B-5065 / A / 65 A	0.058745	7.69E-05	764
530734	6/27/19	3:19 AM	E-11041	1	758	757.7833333	6/27/19	3:57 PM	SP:3950 NW YEON AVE	0.000857	1.13E-06	758
528289	6/26/19	6:14 PM	ESTACADA-ESTACADA 13	1	745	745	6/27/19	6:39 AM	SP:28840 SE WOODS RD	0.000842	1.13E-06	745
527324	6/26/19	5:38 PM	OTTIS MILLS-SCOTTS MILLS 13	21	730	15329.65	6/27/19	5:47 AM	FUSE_OH:D6126B-1218 / A / 40 A	0.017328	2.37E-05	730
531980	6/27/19	9:04 PM	BELL-WICHITA	1	724	724.4	6/28/19	9:08 AM	SP:7517 SE 28TH AVE	0.000819	1.13E-06	724
529267	6/26/19	6:34 PM	BORING-282ND	57	721	41079.9	6/27/19	6:34 AM	FUSE_OH:D1325B-8382 / ABC / 65 A	0.046434	6.44E-05	721
529685	6/26/19	6:27 PM	MT PLEASANT-MT VIEW	2	713	1426	6/27/19	6:20 AM	XFM_OH:C 15 55228	0.001612	2.26E-06	713
529245	6/26/19	6:48 PM	OTTIS MILLS-SCOTTS MILLS 13	1	711	711.1833333	6/27/19	6:39 AM	SP:16808 ABIQUA RD NE	0.000804	1.13E-06	711
529654	6/26/19	7:23 PM	CENTENNIAL-TREELAND	28	707	19796.93333	6/27/19	7:10 AM	FUSE_OH:D1307B-2155 / ABC / 65 A	0.022377	3.16E-05	707
530972	6/27/19	7:41 AM	ST LOUIS-WEST	1	701	701.4166667	6/27/19	7:22 PM	SP:16493 FRENCH PRAIRIE RD NE	0.000793	1.13E-06	701
528742	6/26/19	6:27 PM	MT PLEASANT-MT VIEW	43	698	30014	6/27/19	6:05 AM	FUSE_OH:D3203B-174 / AC / 40 A	0.033926	4.86E-05	698
529397	6/26/19	6:46 PM	LACKAMAS-GLADSTONE	61	691	42130.66667	6/27/19	6:16 AM	RECL:8156	0.047622	6.90E-05	691
528873	6/26/19	6:34 PM	FAIRVIEW-FAIRVIEW 13	19	678	12889.28333	6/27/19	5:52 AM	FUSE_OH:A1328C-308 / C / 65 A	0.014569	2.15E-05	678
527694	6/26/19	5:58 PM	MOLALLA-FOREST	1	674	674	6/27/19	5:12 AM	SP:33280 S SAWTELL RD	0.000762	1.13E-06	674
528113	6/26/19	6:20 PM	MOLALLA-FOREST	1	666	666.2333333	6/27/19	5:26 AM	SP:32498 S KRUPICKA WAY	0.000753	1.13E-06	666
527819	6/26/19	6:08 PM	CANBY-ZIMMERMAN	20	662	13240	6/27/19	5:10 AM	FUSE_OH:D4109D-454 / A / 15 A	0.014966	2.26E-05	662
528755	6/26/19	5:49 PM	OTTIS MILLS-SCOTTS MILLS 13	7	656	4589.316667	6/27/19	4:44 AM	SP:38091 S BIRD RD	0.005187	7.91E-06	656
527491	6/26/19	5:49 PM	MOLALLA-MARQUAM	6	656	3933.5	6/27/19	4:44 AM	XFM_OH:B 25 29188	0.004446	6.78E-06	656
528106	6/26/19	6:14 PM	LELAND-BEAVERCREEK	88	647	56906.66667	6/27/19	5:00 AM	FUSE_OH:D3218D-6716 / C / 6 A	0.064324	9.95E-05	647
529898	6/26/19	9:05 PM	LENDOVEER-CLIFFGATE	1	647	646.6333333	6/27/19	7:52 AM	SP:3327 NE 126TH AVE	0.000731	1.13E-06	647
531994	6/27/19	9:30 PM	TEKTRONIX-SHANNON	40	642	25678.66667	6/28/19	8:11 AM	SP:12520 SW GEM LN_1	0.029026	4.52E-05	642
532023	6/27/19	9:58 PM	LIBERAL-LIBERAL 13	265	616	163240	6/28/19	8:14 AM	SW_OHLB:3902	0.184517	0.0003	616
529918	6/26/19	9:13 PM	FAIRVIEW-FAIRVIEW 13	1	616	615.9333333	6/27/19	7:28 AM	SP:350 LINCOLN ST	0.000696	1.13E-06	616
529167	6/26/19	6:37 PM	ORIENT-ORIENT 13	33	610	20126.15	6/27/19	4:46 AM	FUSE_OH:D1409D-1753 / AB / 25 A	0.022749	3.73E-05	610
527453	6/26/19	5:57 PM	MULINO-SOUTH	21	628	12678	6/27/19	4:25 AM	FUSE_OH:D4222C-1504 / B / 40 A	0.01433	2.37E-05	604
531617	6/27/19	5:12 PM	WELCHES-ZIG ZAG	1	597	597.3833333	6/28/19	3:09 AM	SP:24877 E SECTION LINE RD	0.000675	1.13E-06	597
530991	6/27/19	8:07 AM	COLTON-GRAYS HILL	1	589	588.85	6/27/19	5:56 PM	SP:20870 S GREEN MOUNTAIN RD	0.000666	1.13E-06	589
530741	6/27/19	3:36 AM	NORTH MARION-CROSBY	22	586	12889.06667	6/27/19	1:22 PM	XFM_OH:B 50 37763	0.014569	2.49E-05	586
529889	6/26/19	8:58 PM	MOLALLA-MARQUAM	1	585	585.2833333	6/27/19	6:44 AM	SP:36208 S MOLALLA FOREST RD	0.000662	1.13E-06	585
529637	6/26/19	7:17 PM	LELAND-BEAVERCREEK	2	582	1164.8	6/27/19	5:00 AM	SP:13618 S WARNOCK RD	0.001317	2.26E-06	582
527813	6/26/19	6:05 PM	COLTON-GRAYS HILL	228	568	129500.2	6/27/19	3:32 AM	FUSE_OH:D5304A-25 / ABC / 100 A	0.146379	2.58E-04	568
529254	6/26/19	6:49 PM	ESTACADA-ESTACADA 13	2	559	1118.033333	6/27/19	4:08 AM	SP:26730 SE CURRIN RD	0.001264	2.26E-06	559
530511	6/26/19	11:14 PM	LEASANT VALLEY-CLATSOP	46	558	25669.53333	6/27/19	8:32 AM	FUSE_OH:D1236C-7860 / C / 40 A	0.029015	5.20E-05	558
528111	6/26/19	6:17 PM	REDLAND-REDLAND 13	94	552	51888	6/27/19	3:29 AM	FUSE_OH:D3303B-117 / C / 65 A	0.058651	1.06E-04	552
530566	6/27/19	1:30 AM	BORING-CITY	3	548	1644.9	6/27/19	10:38 AM	XFM_OH:C 25 25248	0.001859	3.39E-06	548
527055	6/26/19	3:53 PM	ISLAND-13188	1	546	545.8333333	6/27/19	12:58 AM	SP:2900 SE EVERGREEN ST	0.000617	1.13E-06	546
530703	6/27/19	2:49 AM	MOBILE 8-XRAY	15	545	8175.25	6/27/19	11:54 AM	FUSE_OH:D1119B-1046 / C / 100 A	0.009241	1.70E-05	545
527464	6/26/19	6:01 PM	ORTH MARION-MCLAREN	1	540	539.5833333	6/27/19	3:00 AM	SP:17535 MONNIER RD NE	0.00061	1.13E-06	540
527806	6/26/19	6:09 PM	NORTH MARION-CROSBY	52	535	27833.86667	6/27/19	3:04 AM	FUSE_OH:C5212A-1556 / B / 40 A	0.031462	5.88E-05	535
529047	6/26/19	6:30 PM	CARVER-WOODS	68	535	36380	6/27/19	3:25 AM	RECL:6434	0.041122	7.69E-05	535
529248	6/26/19	6:43 PM	ISLAND-13187	18	530	9540	6/27/19	3:33 AM	XFM_OH:B 25 75059	0.010783	2.03E-05	530
530713	6/26/19	9:54 PM	LELAND-CARUS	3	528	1583.55	6/27/19	6:42 AM	SP:20295 S UNGER RD	0.00179	3.39E-06	528
527809	6/26/19	6:04 PM	MOLALLA-MARQUAM	77	524	40348	6/27/19	2:48 AM	RECL:1218	0.045607	8.70E-05	524
530596	6/27/19	2:03 AM	MOBILE 5-ROMEO	1	522	522.1166667	6/27/19	10:45 AM	SP:11565 STATE ST SE	0.00059	1.13E-06	522
529413	6/26/19	6:34 PM	LELAND-BEAVERCREEK	27	513	13858.65	6/27/19	3:07 AM	FUSE_OH:D3215D-622 / BC / 65 A	0.015665	3.05E-05	513
527720	6/26/19	5:58 PM	ORTH MARION-MCLAREN	3	513	1538.9	6/27/19	2:30 AM	SP:17765 MONNIER RD NE_1	0.001739	3.39E-06	513
531115	6/27/19	9:33 AM	NEWBERG-DUNDEE	1	502	502.1	6/27/19	5:55 PM	SP:Null_60	0.000568	1.13E-06	502
528036	6/26/19	7:38 PM	LELAND-CARUS	16	496	7936	6/27/19	3:54 AM	FUSE_OH:D4203D-785 / A / 25 A	0.00897	1.81E-05	496
528031	6/26/19	6:09 PM	NORTH MARION-CROSBY	44	491	21583.46667	6/27/19	2:19 AM	FUSE_OH:C5107B-2989 / B / 40 A	0.024397	4.97E-05	491

**Attachment A Summary
of Outages 5 hours and longer PGE Service Territory
June 26, 2019**

Outage #	Outage Date	Outage Time	Feeder Name	Customers Affected	Duration	Customer Minutes	Return Date	Return Time	Interrupt Location	SAIDI	SAIFI	CAIDI
529427	6/26/19	6:57 PM	ORTH MARION-MCLAREN	1	484	483.9166667	6/27/19	3:01 AM	SP:17535 MONNIER RD NE	0.000547	1.13E-06	484
527484	6/26/19	5:47 PM	MT ANGEL-WEST	14	483	6762	6/27/19	1:50 AM	FUSE_OH:C6108D-1797 / ABC / 40 A	0.007643	1.58E-05	483
530710	6/26/19	10:40 PM	LELAND-CARUS	1	483	482.6333333	6/27/19	6:43 AM	SP:16105 S BUCKNER CREEK RD	0.000546	1.13E-06	483
530799	6/27/19	5:23 AM	PROGRESS-ROBINSON	1	481	481.0833333	6/27/19	1:24 PM	SP:11461 SW SCHOLLS FERRY RD	0.000544	1.13E-06	481
529743	6/26/19	8:08 PM	REDLAND-REDLAND 13	1	478	478.3333333	6/27/19	4:06 AM	SP:18584 S MATTOON RD	0.000541	1.13E-06	478
527331	6/26/19	5:40 PM	VIOLALLA-MARQUAM	42	478	20076	6/27/19	1:38 AM	FUSE_OH:D5133A-427 / ABC / 65 A	0.022693	4.75E-05	478
529688	6/26/19	7:37 PM	TURNER-CASCADE	27	478	12896.1	6/27/19	3:34 AM	FUSE_OH:C9206D-19 / ABC / 40 A	0.014577	3.05E-05	478
527449	6/26/19	5:51 PM	MOLALLA-FOREST	33	474	15625.5	6/27/19	1:44 AM	FUSE_OH:D5202C-339 / B / 40 A	0.017662	3.73E-05	474
529928	6/26/19	9:17 PM	LELAND-BEAVERCREEK	1	472	472.1833333	6/27/19	5:10 AM	SP:20590 S LELAND RD	0.000534	1.13E-06	472
526778	6/26/19	6:22 AM	IDDL GROVE-CHEMEKETA	128	472	60433.06667	6/26/19	2:14 PM	FUSE_OH:C7208B-2450 / AB / 65 A	0.06831	1.45E-04	472
527152	6/26/19	5:23 PM	HOLLS FERRY-RAINBOW	42	471	19772.2	6/27/19	1:13 AM	FUSE_OH:C2204A-3490 / ABC / 40 A	0.022349	4.75E-05	471
531108	6/27/19	9:07 AM	ESTACADA-FARADAY	3	470	1410.6	6/27/19	4:57 PM	XFM_UG:C 25 73065	0.001594	3.39E-06	470
528805	6/26/19	6:34 PM	SULLIVAN-WILLAMETTE	1	470	469.5333333	6/27/19	2:24 AM	SP:26363 SW MOUNTAIN RD	0.000531	1.13E-06	470
529731	6/26/19	6:30 PM	OGAN SOUTH-LAWRENCE	64	463	29651.2	6/27/19	2:13 AM	SP:1450 SW WALTERS DR	0.033516	7.23E-05	463
530888	6/27/19	6:36 AM	MERIDIAN-MERIDIAN 13	1	461	461.2333333	6/27/19	2:17 PM	SP:23215 SW NEWLAND RD	0.000521	1.13E-06	461
529722	6/26/19	6:23 PM	REDLAND-REDLAND 13	11	460	5060	6/27/19	2:03 AM	FUSE_OH:D2321D-645 / AB / 40 A	0.00572	1.24E-05	460
527151	6/26/19	5:23 PM	TURNER-TURNER 13	1	457	456.6166667	6/27/19	12:59 AM	SP:7964 MILL CREEK RD SE	0.000516	1.13E-06	457
526753	6/26/19	12:04 AM	LIBERTY-ROSEDALE	4	456	1825.666667	6/26/19	7:40 AM	XFM_UG:C 50 63918	0.002064	4.52E-06	456
527143	6/26/19	5:25 PM	MOBILE 5-ROMEO	303	451	136627.75	6/27/19	12:55 AM	RECL:2488	0.154436	3.42E-04	451
527451	6/26/19	5:43 PM	MOLALLA-YODER	110	451	49566	6/27/19	1:13 AM	FUSE_OH:D5110C-320 / ABC / 65 A	0.056026	0.000124	451
529243	6/26/19	6:47 PM	REDLAND-REDLAND 13	1	441	441.4333333	6/27/19	2:08 AM	SP:17270 S GERBER RD_2	0.000499	1.13E-06	441
530600	6/27/19	1:53 AM	MULINO-SOUTH	3	440	1320	6/27/19	9:13 AM	XFM_OH:A 15 32306	0.001492	3.39E-06	440
528167	6/26/19	6:24 PM	ELLY BUTTE-BINNSMEAD	1	440	439.6	6/27/19	1:44 AM	SP:2989 SE 92ND AVE	0.000497	1.13E-06	440
528834	6/26/19	6:33 PM	SANDY-WILDCAT	104	439	45607.46667	6/27/19	1:51 AM	FUSE_OH:D2420A-2793 / A / 40 A	0.051552	0.000118	439
531462	6/27/19	1:22 PM	LIBERTY-ROSEDALE	8	438	3505.333333	6/27/19	8:40 PM	XFM_UG:A 50 20731	0.003962	9.04E-06	438
530936	6/27/19	7:19 AM	DAYTON-EAST	1	435	435.0166667	6/27/19	2:34 PM	SP:Null_50	0.000492	1.13E-06	435
530442	6/26/19	11:38 PM	TURNER-TURNER 13	1	432	431.75	6/27/19	6:49 AM	SP:7656 POET RD SE	0.000488	1.13E-06	432
530742	6/27/19	3:37 AM	ORTH MARION-CROSBY	11	427	4702.133333	6/27/19	10:45 AM	XFM_OH:C 25 33174	0.005315	1.24E-05	427
527461	6/26/19	5:48 PM	ORTH MARION-MCLAREN	202	422	85244	6/27/19	12:50 AM	FUSE_OH:CS104C-866 / ABC / 65 A	0.096355	2.28E-04	422
527796	6/26/19	6:06 PM	PROGRESS-ROBINSON	1	418	418.15	6/27/19	1:04 AM	SP:12455 SW GINGHAM LN	0.000473	1.13E-06	418
527482	6/26/19	5:46 PM	ALEIGH HILLS-MONTCLAIR	1	416	416.2333333	6/27/19	12:42 AM	SP:4815 SW DOGWOOD LN_1	0.00047	1.13E-06	416
527850	6/26/19	6:03 PM	REDLAND-HENRICI	711	412	292932	6/27/19	12:55 AM	SW_OHLB:1510	0.331113	8.04E-04	412
528914	6/26/19	6:31 PM	PLEASANT VALLEY-PLEASANT 13	797	461	326677	6/27/19	2:12 AM	RECL:3191	0.369256	9.01E-04	410
531099	6/27/19	9:04 AM	E-11041	1	410	409.5166667	6/27/19	3:54 PM	SP:3930 NW YEON AVE	0.000463	1.13E-06	410
530594	6/27/19	2:02 AM	MULINO-SOUTH	1	408	407.75	6/27/19	8:50 AM	SP:12685 S MULINO RD	0.000461	1.13E-06	408
528112	6/26/19	6:11 PM	REDLAND-HENRICI	1161	404	469295.55	6/27/19	12:55 AM	RECL:4467	0.530463	1.31E-03	404
529041	6/26/19	6:29 PM	COONES FERRY-LAKE GROVE	1	404	404.15	6/27/19	1:13 AM	SP:16980 MAPLE CIR	0.000457	1.13E-06	404
528659	6/26/19	6:21 PM	LELAND-KELM	1	402	402.1333333	6/27/19	1:03 AM	SP:14878 TANNERY ST	0.000455	1.13E-06	402
528660	6/26/19	6:21 PM	MT PLEASANT-MT VIEW	1	399	399.3333333	6/27/19	1:00 AM	SP:Null_10	0.000451	1.13E-06	399
528919	6/26/19	6:20 PM	MERIDIAN-MERIDIAN 13	1	397	397.35	6/27/19	12:57 AM	SP:Null_4	0.000449	1.13E-06	397
530378	6/26/19	11:01 PM	ESTACADA-ESTACADA 13	63	396	24948	6/27/19	5:37 AM	FUSE_OH:D3420D-2370 / AC / 100 A	0.0282	7.12E-05	396
529232	6/26/19	6:43 PM	LTNOMAH-MULTNOMAH 13	16	396	6328.266667	6/27/19	1:18 AM	FUSE_OH:D1128C-3750 / A / 15 A	0.007153	1.81E-05	396
530780	6/27/19	4:38 AM	COTTS MILLS-SCOTTS MILLS 13	7	394	2756.95	6/27/19	11:11 AM	FUSE_OH:D6217B-493 / A / 10 A	0.003116	7.91E-06	394
529601	6/26/19	6:54 PM	RIVERVIEW-TERWILLIGER	1	391	391.15	6/27/19	1:25 AM	SP:01520 SW CORBETT HILL CIR	0.000442	1.13E-06	391
528186	6/26/19	6:17 PM	CARVER-WOODS	232	388	90050.8	6/27/19	12:45 AM	RECL:6184	0.101788	2.62E-04	388
531104	6/27/19	9:11 AM	COLTON-GRAYS HILL	1	385	384.9333333	6/27/19	3:36 PM	SP:31158 S WALL ST	0.000435	1.13E-06	385
527319	6/26/19	5:44 PM	HILLCREST-HILLCREST 13	1	384	384	6/27/19	12:08 AM	SP:1104 ASHWOOD CT SE	0.000434	1.13E-06	384
528528	6/26/19	6:20 PM	COLTON-GRAYS HILL	1	384	383.55	6/27/19	12:43 AM	SP:24251 S HWY 211	0.000434	1.13E-06	384
530591	6/27/19	2:00 AM	MULINO-SOUTH	1	382	382.4	6/27/19	8:22 AM	SP:15724 S WINDY CITY RD	0.000432	1.13E-06	382
529672	6/26/19	7:37 PM	GLENCOE-GLISAN	1	382	381.8	6/27/19	1:59 AM	SP:5605 NE EVERETT ST	0.000432	1.13E-06	382
527462	6/26/19	5:57 PM	MOLALLA-FOREST	11	381	4191	6/27/19	12:18 AM	FUSE_OH:D5307B-74 / A / 25 A	0.004737	1.24E-05	381
529738	6/26/19	8:04 PM	OSEMONT-HIDDEN SPRINGS	1	379	378.55	6/27/19	2:22 AM	SP:2158 HIDDEN SPRINGS CT	0.000428	1.13E-06	379
529715	6/26/19	7:49 PM	REDLAND-REDLAND 13	1	373	373	6/27/19	2:02 AM	SP:17901 S PRINCESS CT	0.000422	1.13E-06	373

Attachment A Summary
of Outages 5 hours and longer PGE Service Territory
June 26, 2019

Outage #	Outage Date	Outage Time	Feeder Name	Customers Affected	Duration	Customer Minutes	Return Date	Return Time	Interrupt Location	SAIDI	SAIFI	CAIDI
528847	6/26/19	6:29 PM	OONES FERRY-LAKE GROVE	1	372	372.2666667	6/27/19	12:41 AM	SP:4705 LAKEVIEW BLVD	0.000421	1.13E-06	372
529416	6/26/19	6:54 PM	OSWEGO-PALATINE	1738	370	643523.4667	6/27/19	1:04 AM	BKR:OSWEGO R112	0.7274	1.96E-03	370
529148	6/26/19	6:34 PM	IOGAN NORTH-SALQUIST	1	369	369.0666667	6/27/19	12:43 AM	SP:2792 SE CONDOR AVE	0.000417	1.13E-06	369
529676	6/26/19	7:39 PM	ORIENT-OXBOW	1	369	368.8166667	6/27/19	1:48 AM	SP:33200 SE STEVENS RD	0.000417	1.13E-06	369
530768	6/27/19	1:22 AM	REDLAND-HENRICI	12	366	4392	6/27/19	7:28 AM	FUSE_OH:D3309A-469 / C / 40 A	0.004964	1.36E-05	366
529044	6/26/19	6:29 PM	OSEMONT-MOSSY BRAE	4	365	1460.0666667	6/27/19	12:34 AM	SP:18707 BRYANT RD	0.00165	4.52E-06	365
528185	6/26/19	6:21 PM	LELAND-BEAVERCREEK	9	365	3283.8	6/27/19	12:25 AM	XFM_UG:B 50 31451	0.003712	1.02E-05	365
528749	6/26/19	6:29 PM	MERIDIAN-PILKINGTON	2343	364	852852	6/27/19	12:33 AM	BKR:MERIDIAN R238	0.964012	2.65E-03	364
528281	6/26/19	6:25 PM	BORING-TELFORD	117	362	42408.6	6/27/19	12:27 AM	FUSE_OH:D2315C-1152 / AB / 65 A	0.047936	1.32E-04	362
531195	6/27/19	10:32 AM	MOLALLA-MARQUAM	8	356	2844.533333	6/27/19	4:28 PM	SP:7748 S GIBSON RD_1	0.003215	9.04E-06	356
531052	6/27/19	8:40 AM	CARVER-CARVER 13	1	355	355.3	6/27/19	2:36 PM	SP:15015 SE 196TH CT	0.000402	1.13E-06	355
528110	6/26/19	6:15 PM	TWILIGHT-BREMER	2	355	709.6	6/27/19	12:09 AM	XFM_OH:A 15 29877	0.000802	2.26E-06	355
530254	6/26/19	10:27 PM	LEASANT VALLEY-MOON	67	355	23758.2	6/27/19	4:21 AM	FUSE_OH:D1317B-1679 / C / 100 A	0.026855	7.57E-05	355
528829	6/26/19	6:30 PM	CARVER-WOODS	16	353	5644	6/27/19	12:22 AM	FUSE_OH:D2224B-641 / B / 40 A	0.00638	1.81E-05	353
530995	6/27/19	8:11 AM	LENDOVEER-CLIFFGATE	3	351	1051.95	6/27/19	2:01 PM	XFM_OH:A 25 40680	0.001189	3.39E-06	351
530918	6/27/19	7:00 AM	LELAND-CARUS	1	347	346.6666667	6/27/19	12:47 PM	SP:20595 S UNGER RD	0.000392	1.13E-06	347
531285	6/27/19	12:41 PM	REEDVILLE-HAZLEDALE	1	346	346.4333333	6/27/19	6:27 PM	SP:26115 SW FARMINGTON RD	0.000392	1.13E-06	346
527326	6/26/19	5:46 PM	BARNES-BOONE	1	346	346.35	6/26/19	11:33 PM	SP:5496 MALLARD ST SE	0.000391	1.13E-06	346
530870	6/27/19	6:28 AM	E-11047	2	344	688.8666667	6/27/19	12:12 PM	FUSE_OH:A1129B-175 / ABC / 100 A	0.000779	2.26E-06	344
526897	6/26/19	9:41 AM	CORNELIUS-ADAIR	1	344	343.55	6/26/19	3:24 PM	SP:1000 SW 331ST AVE_1	0.000388	1.13E-06	344
526799	6/26/19	7:57 AM	MT ANGEL-WEST	1	343	342.7333333	6/26/19	1:40 PM	SP:8608 MT ANGEL HWY NE_1	0.000387	1.13E-06	343
531101	6/27/19	9:06 AM	E-11041	1	343	342.55	6/27/19	2:48 PM	SP:3601 NW YEON AVE	0.000387	1.13E-06	343
530822	6/27/19	5:47 AM	ARMONY-INTERNATIONAL	5	336	1681.083333	6/27/19	11:23 AM	XFM_UG:A 25 82058	0.0019	5.65E-06	336
529452	6/26/19	6:55 PM	ELLWOOD-SELLWOOD 13	9	332	2992.35	6/27/19	12:27 AM	XFM_OH:B 25 72398	0.003382	1.02E-05	332
529603	6/26/19	6:55 PM	ELLWOOD-SELLWOOD 13	1	332	332	6/27/19	12:27 AM	SP:2437 SE TACOMA ST	0.000375	1.13E-06	332
527316	6/26/19	5:40 PM	BARNES-BOONE	1	329	329.3166667	6/26/19	11:09 PM	SP:4732 2ND AV SE	0.000372	1.13E-06	329
529661	6/26/19	7:27 PM	MIDDLE GROVE-BROWN	1	329	328.65	6/27/19	12:55 AM	SP:4788 EL CEDRO LP NE	0.000371	1.13E-06	329
527049	6/26/19	2:10 PM	SULLIVAN-WILLAMETTE	11	326	3588.383333	6/26/19	7:36 PM	FUSE_OH:D3109C-1081 / AC / 40 A	0.004056	1.24E-05	326
531214	6/27/19	10:54 AM	TIGARD-TIGARD 13	1	326	325.9333333	6/27/19	4:20 PM	SP:13820 SW 115TH AVE	0.000368	1.13E-06	326
527459	6/26/19	5:48 PM	MOLALLA-YODER	347	324	112260.2833	6/26/19	11:11 PM	RECL:7870	0.126892	3.92E-04	324
529043	6/26/19	6:29 PM	MERIDIAN-MERIDIAN 13	1	323	323.3333333	6/26/19	11:52 PM	SP:23215 SW NEWLAND RD	0.000365	1.13E-06	323
527460	6/26/19	6:00 PM	BARNES-BOONE	1	323	323.2	6/26/19	11:23 PM	SP:333 CIMARRON CT SE	0.000365	1.13E-06	323
530859	6/27/19	6:25 AM	CARVER-WOODS	1	311	311.1166667	6/27/19	11:36 AM	SP:17037 S MCCUBBIN RD	0.000352	1.13E-06	311
530786	6/27/19	4:59 AM	BORING-TELFORD	2	310	619	6/27/19	10:09 AM	XFM_OH:B 15 56023	0.0007	2.26E-06	310
527329	6/26/19	5:40 PM	MT ANGEL-WEST	51	309	15776.85	6/26/19	10:49 PM	SP:7983 82ND AVE NE	0.017833	5.76E-05	309
531126	6/27/19	9:44 AM	STACADA-ESTACADA 13	1	309	308.75	6/27/19	2:53 PM	SP:Null_196	0.000349	1.13E-06	309
531616	6/27/19	5:18 PM	ARBORTON-BURLINGTON	1	309	308.5833333	6/27/19	10:26 PM	SP:13825 NW CHARLTON RD_2	0.000349	1.13E-06	309
527797	6/26/19	6:04 PM	TWILIGHT-BREMER	374	309	115403.9333	6/26/19	11:12 PM	RECL:9516	0.130446	4.23E-04	309
529641	6/26/19	6:00 PM	LIBERAL-LIBERAL 13	97	307	29779	6/26/19	11:07 PM	RECL:7981	0.03366	1.10E-04	307
531550	6/27/19	3:48 PM	BORING-282ND	1	300	300.0666667	6/27/19	8:48 PM	SP:27530 SE DIVISION DR	0.000339	1.13E-06	300