

RE 112 e-FILING REPORT COVER SHEET

REPORT NAME:

PGE's Major Storm/Event Exclusion for December 9 and 10, 2016

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 December 9 and 10, 2016

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

January 10, 2017

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

Re: Major Storm/Event Exclusion
Period: December 9 and 10, 2016

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 December 9-10, 2016.

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 December 9 and 10, 2016, PGE's entire service territory experienced a wind storm causing widespread outages. The Portland area experienced wind gusts of 53 mph, Salem experienced wind gusts of 52 mph, and Hillsboro experienced wind gusts of 51 mph.

The severe wind combined with an icy weekend 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 the high 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 27,841 customers without power. During the storm, a total of 60,103 customers were affected.

Major Storm/Event
 Exclusion Occurred:
 December 9 and 10 2016

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>SAIDI²</i>	34.93	0.48	4.20	39.64
<i>SAIFI²</i>	0.064	0.003	0.004	0.071
<i>CAIDI³</i>	543	173	1,089	558
<i>Customers out at peak</i>	24,934	794	2,113	27,841
<i>T_{med}</i>				4.38

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

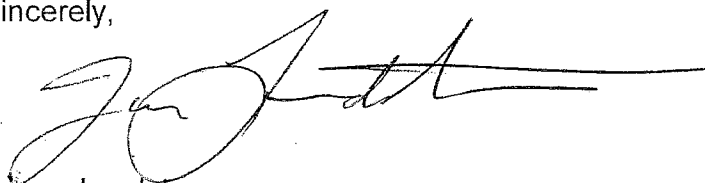
Major Storm/Event
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Additional Reporting Related to the December 9 and 10, 2016 Storm Event:

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,

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

Attachment A Summary
for outages 5 Hours and Longer PGE Service Territory
December 9-10, 2016

Outage #	Outage Date	Outage		Customers Affected	Customer			Return		Interrupt Location	SAIDI	SAIFI	CAIDI
		Time	Feeder Name		Duration	Minutes	Return Date	Time					
145659	12/9/2016	3:35 PM	HOGAN NORTH-LINKS	2	4665.8	9331.6	12/12/2016	9:20 PM	SP:36710 E HISTORIC COLUMBIA RIVER HWY	0.011028	2.36E-06	4665.8	
144649	12/10/2016	5:28 PM	ORIENT-ORIENT 13	1	4511.967	4511.967	12/13/2016	8:40 PM	SP:36226 SE GORDON CREEK RD	0.005332	1.18E-06	4511.967	
142716	12/10/2016	1:59 AM	GLENDOVEER-CLIFFGATE	1	3617.35	3617.35	12/12/2016	2:16 PM	SP:3636 NE 134TH AVE	0.004275	1.18E-06	3617.35	
140839	12/9/2016	11:28 PM	HOGAN NORTH-LINKS	2	3594.717	7189.433	12/12/2016	11:22 AM	SP:33535 NE MERSHON RD	0.008496	2.36E-06	3594.717	
139594	12/9/2016	7:40 PM	ORIENT-BARLOW	2	3579.717	7159.433	12/12/2016	7:20 AM	XFM_OH:C 25 39808	0.008461	2.36E-06	3579.717	
142411	12/10/2016	7:53 AM	CENTENNIAL-BARKER	1	3500	3500	12/12/2016	6:13 PM	SP:737 SE 166TH PL	0.004136	1.18E-06	3500	
141321	12/10/2016	1:47 AM	CENTENNIAL-CENTENNIAL 13	1	3484.55	3484.55	12/12/2016	11:52 AM	SP:2108 SE 181ST AVE	0.004118	1.18E-06	3484.55	
141342	12/10/2016	2:04 AM	MIDWAY-LYNCH	1	3392.217	3392.217	12/12/2016	10:36 AM	SP:1709 SE 150TH AVE	0.004009	1.18E-06	3392.217	
138586	12/9/2016	2:08 PM	HARBORTON-LINNTON	5	3332.833	16664.17	12/11/2016	9:40 PM	XFM_OH:C 15 42528	0.019693	5.91E-06	3332.833	
141710	12/10/2016	2:36 AM	FAIRVIEW-WOOD VILLAGE	1	3293.933	3293.933	12/12/2016	9:30 AM	SP:1821 NE WALNUT AVE	0.003893	1.18E-06	3293.933	
138577	12/9/2016	1:56 PM	FAIRVIEW-CLEAR CREEK	1	3205.783	3205.783	12/11/2016	7:22 PM	SP:22401 NE GLISAN ST_1	0.003789	1.18E-06	3205.783	
142539	12/10/2016	8:21 AM	ORIENT-ORIENT 13	1	3138.617	3138.617	12/12/2016	12:39 PM	SP:32705 E CROWN POINT HWY	0.003709	1.18E-06	3138.617	
143424	12/10/2016	11:37 AM	ORIENT-BARLOW	1	3137.683	3137.683	12/12/2016	3:55 PM	SP:7116 SE 322ND AVE	0.003708	1.18E-06	3137.683	
138533	12/9/2016	1:34 PM	LENIS-HAPPY VALLEY	4	3119.683	12478.73	12/11/2016	5:34 PM	XFM_UG:A 50 22356	0.014747	4.73E-06	3119.683	
143444	12/10/2016	9:46 AM	ORIENT-ORIENT 13	5	3037.267	15186.33	12/12/2016	12:23 PM	SP:2847 NE BROWER RD	0.017947	5.91E-06	3037.267	
144985	12/10/2016	10:48 AM	FAIRVIEW-WOOD VILLAGE	1	3033.4	3033.4	12/12/2016	1:21 PM	SP:120 CEDAR LN	0.003585	1.18E-06	3033.4	
142795	12/10/2016	9:36 AM	FAIRVIEW-TROUTDALE	1	2994.433	2994.433	12/12/2016	11:31 AM	SP:1109 SW HALSEY ST	0.003539	1.18E-06	2994.433	
143076	12/10/2016	10:48 AM	GLENDOVEER-CLIFFGATE	1	2972.017	2972.017	12/12/2016	12:20 PM	SP:13120 NE SCHUYLER ST	0.003512	1.18E-06	2972.017	
140052	12/9/2016	8:58 PM	ROCKWOOD-REYNOLDS	6	2967.867	17807.2	12/11/2016	10:26 PM	XFM_OH:A 25 27059	0.021044	7.09E-06	2967.867	
144893	12/9/2016	4:43 PM	FAIRVIEW-WOOD VILLAGE	4	2959.883	11839.53	12/11/2016	6:02 PM	SP:22420 NE ARATA RD APT 1	0.013992	4.73E-06	2959.883	
142915	12/10/2016	10:08 AM	KELLY BUTTE-MALL 205	1	2950.2	2950.2	12/12/2016	11:18 AM	SP:2126 SE 103RD DR	0.003487	1.18E-06	2950.2	
140241	12/9/2016	9:18 PM	MIDWAY-LYNCH	1	2907.8	2907.8	12/11/2016	9:46 PM	SP:14532 SE MADISON ST	0.003436	1.18E-06	2907.8	
140380	12/9/2016	9:49 PM	FAIRVIEW-WOOD VILLAGE	1	2897.25	2897.25	12/11/2016	10:07 PM	SP:105 ASH AVE	0.003424	1.18E-06	2897.25	
143004	12/10/2016	10:35 AM	MIDWAY-DIVISION	1	2882.967	2882.967	12/12/2016	10:38 AM	SP:13609 SE STEPHENS PL	0.003407	1.18E-06	2882.967	
140086	12/9/2016	8:56 PM	MIDWAY-LYNCH	9	2882.617	25943.55	12/11/2016	8:58 PM	XFM_OH:B 25 16186	0.030666	1.06E-05	2882.617	
143918	12/10/2016	1:50 PM	HOGAN NORTH-LINKS	1	2850.7	2850.7	12/12/2016	1:21 PM	SP:44111 E CROWN POINT HWY	0.003369	1.18E-06	2850.7	
139412	12/9/2016	6:33 PM	GLENDOVEER-CLIFFGATE	1	2826.05	2826.05	12/11/2016	5:39 PM	SP:2249 NE 138TH PL	0.00334	1.18E-06	2826.05	
140080	12/9/2016	8:51 PM	MIDWAY-DOUGLAS	8	2803.317	22426.53	12/11/2016	7:34 PM	XFM_OH:A 25 10065	0.026503	9.45E-06	2803.317	
140215	12/9/2016	9:16 PM	FAIRVIEW-WOOD VILLAGE	11	2792.683	30719.52	12/11/2016	7:49 PM	XFM_OH:B 25 77598	0.036304	1.3E-05	2792.683	
143742	12/9/2016	11:23 PM	CANYON-23RD	1	2790.483	2790.483	12/11/2016	9:54 PM	SP:2891 NW SANTANITA TER	0.003298	1.18E-06	2790.483	
144445	12/10/2016	4:26 PM	ROCKWOOD-REYNOLDS	1	2784.7	2784.7	12/12/2016	2:50 PM	SP:19131 NE HASSALO ST	0.003291	1.18E-06	2784.7	
140267	12/9/2016	9:21 PM	GLENDOVEER-13597	1	2781.95	2781.95	12/11/2016	7:43 PM	SP:13051 SE SALMON ST	0.003288	1.18E-06	2781.95	
140324	12/9/2016	9:42 PM	FAIRVIEW-WOOD VILLAGE	2	2741.183	5482.367	12/11/2016	7:23 PM	SP:106 MAPLE BLVD	0.006479	2.36E-06	2741.183	
138546	12/9/2016	1:37 PM	DUNNS CORNER-DUNNS CORNER 13	1	2731.917	2731.917	12/11/2016	11:08 AM	SP:37451 SE BEAR CREEK LN	0.003229	1.18E-06	2731.917	
139655	12/9/2016	8:10 PM	CANYON-23RD	1	2715.433	2715.433	12/11/2016	5:25 PM	SP:127 SW KINGSTON AVE	0.003209	1.18E-06	2715.433	
141139	12/10/2016	12:49 AM	FAIRVIEW-WOOD VILLAGE	1	2707.05	2707.05	12/11/2016	9:56 PM	SP:129 ASH AVE	0.003199	1.18E-06	2707.05	
138625	12/9/2016	2:30 PM	ORIENT-BARLOW	428	2704.683	1157604	12/11/2016	11:34 AM	SP: SW_OHLB:3229	1.368039	0.000506	2704.683	
140069	12/9/2016	9:02 PM	CENTENNIAL-CENTENNIAL 13	46	2677.5	123165	12/11/2016	5:40 PM	FUSE_OH:D1308B-3924 / B / 40 A	0.145554	5.44E-05	2677.5	
138688	12/9/2016	3:21 PM	DUNNS CORNER-DUNNS CORNER 13	1	2669.883	2669.883	12/11/2016	11:51 AM	SP:35780 SE BLUFF RD	0.003155	1.18E-06	2669.883	
145924	12/9/2016	11:08 PM	GLENDOVEER-CLIFFGATE	1	2653.433	2653.433	12/11/2016	7:21 PM	SP:2453 NE 134TH PL	0.003136	1.18E-06	2653.433	
140825	12/9/2016	11:20 PM	CURTIS-CURTIS 13	1	2651.467	2651.467	12/11/2016	7:31 PM	SP:2535 N HUNT ST	0.003133	1.18E-06	2651.467	
144280	12/10/2016	2:45 PM	GLENDOVEER-NORTHEAST	1	2632.65	2632.65	12/12/2016	10:38 AM	SP:15036 NE SISKIYOU CT	0.003111	1.18E-06	2632.65	
143101	12/10/2016	1:13 AM	MIDWAY-DOUGLAS	13	2631.9	34214.7	12/11/2016	9:04 PM	XFM_OH:B 50 61144	0.040434	1.54E-05	2631.9	
140946	12/9/2016	11:46 PM	CURTIS-CURTIS 13	1	2620.2	2620.2	12/11/2016	7:26 PM	SP:3639 N COLUMBIA BLVD	0.003097	1.18E-06	2620.2	
142663	12/10/2016	9:00 AM	CENTENNIAL-BARKER	1	2598.433	2598.433	12/12/2016	4:19 AM	SP:16366 SE SALMON ST	0.003071	1.18E-06	2598.433	
140701	12/9/2016	10:53 PM	MIDWAY-LYNCH	40	2591	103262	12/11/2016	6:04 PM	XFM_OH:B 75 1615	0.122033	4.73E-05	2591	
140616	12/9/2016	10:28 PM	GLENDOVEER-13597	1	2586.383	2586.383	12/11/2016	5:35 PM	SP:108 SE 133RD AVE	0.003057	1.18E-06	2586.383	
141765	12/10/2016	2:57 AM	MIDWAY-DIVISION	10	2580.05	25800.5	12/11/2016	9:57 PM	XFM_OH:C 50 4242	0.030491	1.18E-05	2580.05	
144296	12/10/2016	3:59 PM	ORIENT-BARLOW	1	2576.883	2576.883	12/12/2016	10:56 AM	SP:7011 SE 322ND AVE	0.003045	1.18E-06	2576.883	
138752	12/9/2016	3:51 PM	PLEASANT VALLEY-MOON	1	2573.45	2573.45	12/11/2016	10:44 AM	SP:6699 SE 182ND AVE	0.003041	1.18E-06	2573.45	
142622	12/10/2016	8:50 AM	GLENDOVEER-13599	1	2570.883	2570.883	12/12/2016	3:41 AM	SP:1029 NE 160TH AVE	0.003038	1.18E-06	2570.883	
140865	12/9/2016	11:31 PM	GLENCULLEN-BRIDLEMILE	15	2558.317	38374.75	12/11/2016	6:09 PM	FUSE_OH:01108B-56 / A8C / 100 A	0.045351	1.77E-05	2558.317	
141121	12/10/2016	12:35 AM	SYLVAN-PATTON	9	2557.9	23021.1	12/11/2016	7:13 PM	FUSE_OH:A1132D-177 / C / UNKNOWN	0.027206	1.06E-05	2557.9	

Attachment A Summary
for outages 5 Hours and Longer PGE Service Territory
December 9-10, 2016

Outage #	Outage Date	Outage Time	Feeder Name	Customers Affected		Customer		Return		Interrupt Location	SAIDI	SAIFI	CAIDI
				Duration	Minutes	Return Date	Time						
141838	12/10/2016	3:26 AM	FAIRVIEW-WOOD VILLAGE	1	2551.6	2551.6	12/11/2016	9:58 PM	SP:127 ASH AVE		0.003015	1.18E-06	2551.6
139587	12/9/2016	6:35 PM	SYLVAN-BARNES	202	2548.667	514830.7	12/11/2016	1:04 PM	FUSE_OH:B1136C-47 / ABC / Solid		0.608419	0.000239	2548.667
145456	12/10/2016	1:13 AM	GLENDOVEER-CLIFFGATE	1	2538	2538	12/11/2016	7:31 PM	SP:13109 NE SCHUYLER ST		0.002999	1.18E-06	2538
144105	12/10/2016	2:35 PM	GLENDOVEER-CLIFFGATE	1	2537.917	2537.917	12/12/2016	8:53 AM	SP:2306 NE 134TH PL		0.002999	1.18E-06	2537.917
144550	12/10/2016	4:48 PM	FAIRVIEW-FAIRVIEW 13	1	2536.3	2536.3	12/12/2016	11:04 AM	SP:600 CEDAR ST		0.002997	1.18E-06	2536.3
144815	12/10/2016	6:43 PM	ORIENT-BARLOW	18	2520.917	45376.5	12/12/2016	12:44 PM	SP:33205 SE OXBOW DR_2		0.053625	2.13E-05	2520.917
139717	12/9/2016	8:28 PM	CANYON-23RD	1	2520.067	2520.067	12/11/2016	2:28 PM	SP:2800 NW BEUHIA VISTA TER		0.002978	1.18E-06	2520.067
139185	12/9/2016	5:15 PM	HAYDEN ISLAND-NORTH SHORE	1	2519.1	2519.1	12/11/2016	11:14 AM	SP:3600 N HAYDEN ISLAND DR		0.002977	1.18E-06	2519.1
142585	12/10/2016	8:37 AM	FAIRVIEW-FAIRVIEW 13	1	2494.233	2494.233	12/12/2016	2:12 AM	SP:2246 NE 205TH AVE		0.002948	1.18E-06	2494.233
145019	12/10/2016	9:31 PM	HOGAN NORTH-LINKS	28	2490.817	69742.87	12/12/2016	3:02 PM	FUSE_OH:A1529C-40 / AB / 25 A		0.082421	3.31E-05	2490.817
139463	12/9/2016	6:42 PM	GLENCULLEN-BRIDLEMILE	1	2488	2488	12/11/2016	11:10 PM	SP:4222 SW WARRENS WAY		0.00294	1.18E-06	2488
139258	12/9/2016	5:38 PM	HAYDEN ISLAND-NORTH SHORE	1	2483.383	2483.383	12/11/2016	11:02 AM	SP:3000 N HAYDEN ISLAND DR		0.002935	1.18E-06	2483.383
140550	12/9/2016	10:07 PM	HEMLOCK-MASON	88	2478.3	21890.04	12/11/2016	3:25 PM	RECL:6896		0.257736	0.000104	2478.3
144648	12/10/2016	5:28 PM	SYLVAN-PATTON	1	2469.767	2469.767	12/12/2016	10:38 AM	SP:2825 SW FAIRVIEW BLVD		0.002919	1.18E-06	2469.767
141705	12/10/2016	2:34 AM	FAIRVIEW-FAIRVIEW 13	1	2467.383	2467.383	12/11/2016	7:41 PM	SP:115 CEDAR ST		0.002916	1.18E-06	2467.383
142081	12/10/2016	5:07 AM	ROCKWOOD-ROCKWOOD 13	1	2457.65	2457.65	12/11/2016	10:04 PM	SP:44 NE 188TH AVE		0.002904	1.18E-06	2457.65
141274	12/10/2016	1:22 AM	HOGAN NORTH-HOGAN NORTH 13	2	2457.017	4914.033	12/11/2016	6:19 PM	SP:6920 SE HOGAN RD		0.082421	2.36E-06	2457.017
142071	12/10/2016	5:05 AM	ROCKWOOD-ROCKWOOD 13	19	2456.883	46680.78	12/11/2016	10:02 PM	FUSE_OH:A1332C-205 / A / 10 A		0.055167	2.25E-05	2456.883
139389	12/9/2016	6:21 PM	ORIENT-ORIENT 13	6	2451.267	14707.6	12/11/2016	11:13 AM	SP:2815 NE BROWER RD		0.017381	7.09E-06	2451.267
138895	12/9/2016	4:28 PM	PLEASANT VALLEY-PLEASANT 13	1	2433.3	2433.3	12/11/2016	9:01 AM	SP:15504 SE MARTINS ST		0.002876	1.18E-06	2433.3
140469	12/9/2016	8:37 PM	ROCKWOOD-ROCKWOOD 13	19	2416.867	45920.47	12/11/2016	12:53 PM	SP:18625 E BURNSIDE ST_7		0.054268	2.25E-05	2416.867
142642	12/10/2016	8:56 AM	FAIRVIEW-TROUTDALE	1	2401.517	2401.517	12/12/2016	12:57 AM	SP:1388 SW EDGEFIELD MEADOWS TER		0.002838	1.18E-06	2401.517
140330	12/9/2016	9:45 PM	GLENDOVEER-13599	1	2392.517	2392.517	12/11/2016	1:37 PM	SP:1139 NE 153RD AVE		0.002827	1.18E-06	2392.517
140667	12/9/2016	10:38 PM	GLENDOVEER-CLIFFGATE	5	2390.917	11954.58	12/11/2016	2:28 PM	XFM_OH:B 37.5 4749		0.014128	5.91E-06	2390.917
142733	12/10/2016	9:16 AM	FAIRVIEW-FAIRVIEW 13	7	2373.55	16614.85	12/12/2016	12:49 AM	XFM_OH:B 50 11442		0.019635	8.27E-06	2373.55
145109	12/10/2016	11:42 PM	HOGAN NORTH-LINKS	2	2366.517	4733.033	12/12/2016	3:08 PM	SP:41900 NE LATOURELL RD		0.005593	2.36E-06	2366.517
142100	12/10/2016	5:35 AM	ROCKWOOD-REYNOLDS	1	2359.967	2359.967	12/11/2016	8:55 PM	SP:19400 NE HALSEY ST		0.002789	1.18E-06	2359.967
142221	12/10/2016	6:57 AM	MIDWAY-DIVISION	4	2347.617	9390.467	12/11/2016	10:04 PM	XFM_UG:B 25 40460		0.011098	4.73E-06	2347.617
140610	12/9/2016	10:26 PM	BORING-282ND	11	2339.833	25738.17	12/11/2016	1:26 PM	SP:29025 SE WHEELER RD		0.030417	1.3E-05	2339.833
138468	12/9/2016	12:30 PM	GLENDOVEER-CLIFFGATE	1	2331.267	2331.267	12/11/2016	3:21 AM	SP:1901 NE 134TH PL		0.002755	1.18E-06	2331.267
141795	12/10/2016	3:19 AM	GLENDOVEER-NORTHEAST	1	2317.667	2317.667	12/11/2016	5:57 PM	SP:2306 NE 142ND AVE		0.002739	1.18E-06	2317.667
142121	12/10/2016	6:06 AM	CENTENNIAL-BARKER	158	2316.7	366038.6	12/11/2016	8:42 PM	FUSE_OH:D1306B-5327 / C / 65 A		0.432579	0.000187	2316.7
145115	12/10/2016	8:49 PM	HOGAN NORTH-LINKS	25	2309.933	57748.33	12/12/2016	11:19 AM	FUSE_OH:A1534B-275 / B / 25 A		0.068246	2.95E-05	2309.933
142381	12/10/2016	7:44 AM	ORIENT-BARLOW	1	2301.967	2301.967	12/11/2016	10:06 PM	SP:34529 SE LUSTED RD		0.00272	1.18E-06	2301.967
142676	12/10/2016	9:04 AM	ROCKWOOD-ROCKWOOD 13	1	2296.667	2296.667	12/11/2016	11:20 PM	SP:19002 NE GLISAN ST		0.002714	1.18E-06	2296.667
144501	12/9/2016	9:22 PM	HEMLOCK-MASON	337	2293.15	772791.6	12/11/2016	11:35 AM	SW_OHLB:3258		0.913273	0.000398	2293.15
142652	12/10/2016	8:58 AM	FAIRVIEW-TROUTDALE	8	2291.217	18329.73	12/11/2016	11:09 PM	XFM_UG:B 50 63463		0.021662	9.45E-06	2291.217
142097	12/10/2016	5:33 AM	SYLVAN-BARNES	8	2283.483	2283.483	12/11/2016	7:36 PM	SP:234 NW SKYLINE BLVD		0.002699	1.18E-06	2283.483
140285	12/9/2016	9:29 PM	GLENCULLEN-BRIDLEMILE	1	2275.583	2275.583	12/11/2016	11:25 AM	SP:1733 SW WESTWOOD DR		0.002689	1.18E-06	2275.583
139303	12/9/2016	5:47 PM	GLENCOE-SUNNYSIDE	1	2270.117	2270.117	12/11/2016	7:37 AM	SP:3826 NE COUCH ST		0.002683	1.18E-06	2270.117
142781	12/10/2016	9:32 AM	ROCKWOOD-ROCKWOOD 13	1	2269.2	2269.2	12/11/2016	11:21 PM	SP:18625 E BURNSIDE ST_3		0.002682	1.18E-06	2269.2
139657	12/9/2016	8:12 PM	CENTENNIAL-BRAECROFT	1	2255.15	2255.15	12/11/2016	9:47 AM	SP:17410 SE PINE ST		0.002665	1.18E-06	2255.15
145134	12/11/2016	12:37 AM	HOGAN NORTH-LINKS	1	2247.467	2247.467	12/12/2016	2:04 PM	SP:420 SE RED ELDER DR		0.002656	1.18E-06	2247.467
145080	12/9/2016	10:02 PM	ORIENT-ORIENT 13	13	2237.75	29090.75	12/11/2016	11:20 AM	RECL:3110		0.034379	1.54E-05	2237.75
145772	12/10/2016	2:32 AM	ORIENT-BARLOW	118	2224.017	262434	12/11/2016	3:36 PM	FUSE_OH:D1407A-2060 / ABC / 65 A		0.31014	0.000139	2224.017
142057	12/10/2016	4:55 AM	GLENDOVEER-13598	1	2197.2	2197.2	12/11/2016	5:32 PM	SP:343 NE 143RD AVE		0.002597	1.18E-06	2197.2
142808	12/10/2016	2:38 AM	ORIENT-BARLOW	4	2196.55	8786.2	12/11/2016	3:14 PM	FUSE_OH:D1419D-3875 / B / 6 A		0.010383	4.73E-06	2196.55
142226	12/10/2016	6:58 AM	CURTIS-CURTIS 13	1	2186.15	2186.15	12/11/2016	7:25 PM	SP:8812 N DRUID AVE		0.002584	1.18E-06	2186.15
146086	12/10/2016	6:49 AM	CENTENNIAL-BARKER	36	2175.917	78333	12/11/2016	7:05 PM	FUSE_OH:D1306B-5331 / A / 65 A		0.092573	4.25E-05	2175.917
140910	12/9/2016	11:43 PM	GLENDOVEER-NORTHEAST	2	2174.167	4348.333	12/11/2016	11:57 AM	SP:3604 NE 147TH AVE		0.005139	2.36E-06	2174.167
141282	12/10/2016	1:19 AM	GLENDOVEER-CLIFFGATE	1	2162.383	2162.383	12/11/2016	1:21 PM	SP:13120 NE SCHUYLER ST		0.002555	1.18E-06	2162.383
142621	12/10/2016	2:30 AM	HOGAN NORTH-HOGAN NORTH 13	4	2158.017	8632.067	12/11/2016	2:28 PM	SP:11013 SE 240TH PL		0.010201	4.73E-06	2158.017
143446	12/10/2016	11:44 AM	ORIENT-BARLOW	1	2157.317	2157.317	12/11/2016	11:42 PM	SP:8005 SE TETON DR		0.002549	1.18E-06	2157.317

Attachment A Summary
for outages 5 Hours and Longer PGE Service Territory
December 9-10, 2016

Outage #	Outage Date	Outage Time	Feeder Name	Customers		Customer		Return		Interrupt Location	SAIDI	SAIFI	CAIDI
				Affected	Duration	Minutes	Return Date	Time	Time				
140986	12/10/2016	12:02 AM	GLENDOVEER-NORTHEAST	5	2156.817	10784.08	12/11/2016	11:59 AM	SP:14818 NE FREMONT ST		0.012744	5.91E-06	2156.817
139687	12/9/2016	8:23 PM	CANYON-23RD	1	2149.567	2149.567	12/11/2016	8:12 AM	SP:2836 NW SANTANITA TER		0.00254	1.18E-06	2149.567
140648	12/9/2016	10:17 PM	URBAN-CORBETT	1	2148	2148	12/11/2016	10:05 AM	SP:5853 SW TERWILLIGER BLVD		0.002538	1.18E-06	2148
141351	12/10/2016	2:12 AM	RUBY-CARLINE	26	2143.533	55731.87	12/11/2016	1:56 PM	FUSE_OH:A1332D-3164 / C / 65 A		0.065863	3.07E-05	2143.533
142764	12/10/2016	9:27 AM	CANYON-23RD	1	2142.717	2142.717	12/11/2016	9:10 PM	SP:318 NW LOMITA TER		0.002532	1.18E-06	2142.717
141972	12/10/2016	4:12 AM	SUMMIT-SUMMIT 13	3	2135.75	6407.25	12/11/2016	3:47 PM	XFM_UG:B 15 33333		0.007572	3.55E-06	2135.75
141976	12/10/2016	4:19 AM	SUMMIT-SUMMIT 13	1	2128.383	2128.383	12/11/2016	3:48 PM	SP:32830 E MINERAL CREEK DR		0.002515	1.18E-06	2128.383
143035	12/10/2016	10:42 AM	HOGAN SOUTH-LAWRENCE	1	2116.583	2116.583	12/11/2016	9:58 PM	SP:1560 SW LILLYBEN AVE		0.002501	1.18E-06	2116.583
141970	12/10/2016	4:10 AM	SUMMIT-SUMMIT 13	25	2108.867	52721.67	12/11/2016	3:18 PM	RECL:1655		0.062306	2.95E-05	2108.867
142228	12/10/2016	6:59 AM	GLENDOVEER-13597	1	2106.75	2106.75	12/11/2016	6:06 PM	SP:12610 NE DAVIS ST		0.00249	1.18E-06	2106.75
143154	12/10/2016	11:07 AM	GLENDOVEER-13599	1	2103.933	2103.933	12/11/2016	10:11 PM	SP:710 NE 153RD AVE		0.002486	1.18E-06	2103.933
140960	12/9/2016	11:37 PM	CANYON-CANYON 13	1	2103.667	2103.667	12/11/2016	10:40 AM	SP:1704 SW SPRING ST		0.002486	1.18E-06	2103.667
140851	12/9/2016	11:32 PM	CANYON-CANYON 13	1	2101.967	2101.967	12/11/2016	10:33 AM	SP:1803 SW HAWTHORNE TER		0.002484	1.18E-06	2101.967
137995	12/9/2016	1:34 AM	MILL CREEK-EASTLAND	643	2094.65	82740.55	12/10/2016	12:28 PM	RECL:8437		0.097781	0.00076	128.6789
145004	12/10/2016	9:16 PM	GLENDOVEER-13599	1	2093.683	2093.683	12/12/2016	8:10 AM	SP:16745 NE WASCO ST		0.002474	1.18E-06	2093.683
144480	12/10/2016	4:34 AM	GLENDOVEER-13599	9	2087.467	18787.2	12/11/2016	3:21 PM	FUSE_OH:A1236A-10154 / A / 100 A		0.022202	1.06E-05	2087.467
142874	12/10/2016	9:59 AM	HOGAN NORTH-HOGAN NORTH 13	1	2085.75	2085.75	12/11/2016	8:45 PM	SP:4449 SE ANTELOPE HILLS PL		0.002465	1.18E-06	2085.75
143106	12/10/2016	10:58 AM	CENTENNIAL-BRAECROFT	8	2084.283	16674.27	12/11/2016	9:42 PM	XFM_UG:A 25 57965		0.019705	9.45E-06	2084.283
142099	12/10/2016	3:57 AM	ROCKWOOD-ROCKWOOD 13	26	2082.517	54145.43	12/11/2016	2:39 PM	XFM_OH:C 50 10697		0.063988	3.07E-05	2082.517
142260	12/10/2016	7:17 AM	GLENDOVEER-13596	1	2077.517	2077.517	12/11/2016	5:54 PM	SP:12414 NE BRAZEE ST		0.002455	1.18E-06	2077.517
144589	12/10/2016	8:44 AM	FAIRVIEW-TROUTDALE	1	2076.3	2076.3	12/11/2016	7:20 PM	SP:110 ASH AVE		0.002454	1.18E-06	2076.3
142419	12/10/2016	5:16 AM	GLENDOVEER-CLIFFGATE	3	2058.067	6174.2	12/11/2016	3:34 PM	SP:1618 NE 122ND AVE		0.007297	3.55E-06	2058.067
141205	12/10/2016	12:56 AM	FAIRVIEW-KENNEL CLUB	41	2055.433	84272.77	12/11/2016	11:11 AM	FUSE_OH:A1334D-6514 / ABC / 65 A		0.099592	4.85E-05	2055.433
142636	12/10/2016	8:54 AM	GLENDOVEER-NORTHEAST	1	2055.067	2055.067	12/11/2016	7:09 PM	SP:1525 NE 155TH AVE		0.002429	1.18E-06	2055.067
143741	12/10/2016	1:14 PM	CENTENNIAL-BARKER	2	2052.1	4104.2	12/11/2016	11:26 PM	SP:16369 SE TAYLOR ST		0.00485	2.36E-06	2052.1
142714	12/10/2016	9:12 AM	GLENDOVEER-13598	1	2036.567	2036.567	12/11/2016	7:08 PM	SP:250 SE 127TH AVE		0.002407	1.18E-06	2036.567
141260	12/10/2016	1:13 AM	PLEASANT VALLEY-MOON	1	2035.467	2035.467	12/11/2016	11:08 AM	SP:6760 SE 182ND AVE		0.002405	1.18E-06	2035.467
141845	12/10/2016	3:30 AM	HEMLOCK-FREMONT	1	2027.467	2027.467	12/11/2016	1:17 PM	SP:15939 NE MORRIS ST		0.002396	1.18E-06	2027.467
141258	12/10/2016	1:12 AM	CANYON-CANYON 13	1	2023.45	2023.45	12/11/2016	10:55 AM	SP:2604 SW SHERWOOD DR		0.002391	1.18E-06	2023.45
143396	12/10/2016	11:33 AM	CANYON-CANYON 13	1	2018.983	2018.983	12/11/2016	9:12 PM	SP:1540 SW DAVENPORT ST		0.002386	1.18E-06	2018.983
142560	12/10/2016	8:27 AM	GLENDOVEER-13598	1	2008.033	2008.033	12/11/2016	5:55 PM	SP:236 SE 139TH AVE		0.002373	1.18E-06	2008.033
142364	12/10/2016	7:40 AM	GLENDOVEER-13596	1	2003.883	2003.883	12/11/2016	5:04 PM	SP:3023 NE 127TH AVE		0.002368	1.18E-06	2003.883
142576	12/10/2016	8:34 AM	GLENDOVEER-13598	1	2002.35	2002.35	12/11/2016	5:56 PM	SP:1117 NE 155TH AVE		0.002366	1.18E-06	2002.35
142473	12/10/2016	8:03 AM	SYLVAN-PATTON	1	1995.3	1995.3	12/11/2016	5:18 PM	SP:4703 NW WOODSIDE TER		0.002358	1.18E-06	1995.3
141839	12/10/2016	2:57 AM	CANYON-CANYON 13	54	1994.533	107704.8	12/11/2016	12:11 PM	FUSE_OH:D1109B-77 / B / 40 A		0.127284	6.38E-05	1994.533
140592	12/9/2016	10:20 PM	ORIENT-BARLOW	10	1994.483	19944.83	12/11/2016	7:34 AM	FUSE_OH:D1418D-126 / ABC / 65 A		0.02357	1.18E-05	1994.483
144814	12/10/2016	4:17 AM	BORING-282ND	5	1993.233	9966.167	12/11/2016	1:31 PM	SP:9330 SE HIDEAWAY CT		0.011778	5.91E-06	1993.233
142647	12/10/2016	8:57 AM	GLENDOVEER-CLIFFGATE	1	1980.4	1980.4	12/11/2016	5:57 PM	SP:13745 NE EUGENE ST		0.00234	1.18E-06	1980.4
145798	12/10/2016	7:30 AM	HOGAN NORTH-LINKS	1	1971.867	1971.867	12/11/2016	4:22 PM	SP:38228 E KNIEREM RD		0.00233	1.18E-06	1971.867
142214	12/10/2016	6:51 AM	BORING-282ND	1	1971.067	1971.067	12/11/2016	3:42 PM	SP:8565 SE HITE CT		0.002329	1.18E-06	1971.067
143750	12/10/2016	1:16 PM	ORIENT-ORIENT 13	1	1970.883	1970.883	12/11/2016	10:07 PM	SP:39203 SE HOWARD RD		0.002329	1.18E-06	1970.883
142711	12/10/2016	9:11 AM	GLENDOVEER-13597	1	1967.783	1967.783	12/11/2016	5:59 PM	SP:13105 SE ALDER ST		0.002325	1.18E-06	1967.783
145465	12/11/2016	8:24 AM	ORIENT-BARLOW	1	1958.867	1958.867	12/12/2016	5:03 PM	SP:6940 SE 322ND AVE		0.002315	1.18E-06	1958.867
145706	12/10/2016	6:53 AM	CANYON-CANYON 13	10	1951.683	19516.83	12/11/2016	3:25 PM	SP:2625 SW GERALD AVE		0.023065	1.18E-05	1951.683
143201	12/10/2016	11:17 AM	MIDWAY-DOUGLAS	1	1946.467	1946.467	12/11/2016	7:44 PM	SP:609 SE 137TH AVE		0.0023	1.18E-06	1946.467
140515	12/9/2016	10:10 PM	ROCKWOOD-ROCKWOOD 13	40	1937.417	77496.67	12/11/2016	6:28 AM	FUSE_OH:A1331D-3311 / B / 100 A		0.091584	4.73E-05	1937.417
142365	12/10/2016	7:41 AM	SYLVAN-PATTON	9	1934.95	17414.55	12/11/2016	3:55 PM	XFM_UG:A 75 5194		0.02058	1.06E-05	1934.95
141723	12/10/2016	2:43 AM	CANYON-CANYON 13	1	1933.3	1933.3	12/11/2016	10:56 AM	SP:2738 SW OLD ORCHARD RD		0.002285	1.18E-06	1933.3
143667	12/10/2016	8:03 AM	MIDWAY-DOUGLAS	12	1931.367	23176.4	12/11/2016	4:14 PM	XFM_OH:B 37.5 4144		0.02739	1.42E-05	1931.367
142357	12/10/2016	7:39 AM	SUMMIT-SUMMIT 13	28	1929.35	54021.8	12/11/2016	3:48 PM	FUSE_UG:NOT SET / ABC / 40 A_1		0.063842	3.31E-05	1929.35
144269	12/10/2016	3:41 PM	HOGAN SOUTH-PAROPA	1	1926.583	1926.583	12/11/2016	11:47 PM	SP:185 NE WILLIAMS RD		0.002277	1.18E-06	1926.583
139631	12/9/2016	7:59 PM	GLENDOVEER-CLIFFGATE	1	1921.883	1921.883	12/11/2016	4:01 AM	SP:13740 NE EUGENE ST		0.002271	1.18E-06	1921.883
142090	12/10/2016	5:21 AM	HOGAN NORTH-LINKS	3	1912.85	5738.55	12/11/2016	1:13 PM	SP:27831 SE SWEETBRIAR RD		0.006782	3.55E-06	1912.85

Attachment A Summary
for outages 5 Hours and Longer PGE Service Territory
December 9-10, 2016

Outage #	Outage Date	Outage Time	Feeder Name	Customers		Customer		Return		Interrupt Location	SAIDI	SAIFI	CAIDI
				Affected	Duration	Minutes	Return Date	Time	Time				
143798	12/10/2016	10:29 AM	HOGAN NORTH-HOGAN NORTH 13	1	1906.983	1906.983	12/11/2016	6:16 PM	SP:7342 SE HOGAN RD		0.002254	1.18E-06	1906.983
142746	12/10/2016	9:21 AM	SYLVAN-PATTON	1	1901.517	1901.517	12/11/2016	5:03 PM	SP:315 SW 48TH DR		0.002247	1.18E-06	1901.517
142474	12/10/2016	8:03 AM	SUMMIT-SUMMIT 13	1	1900.8	1900.8	12/11/2016	3:44 PM	SP:32701 E MINERAL CREEK DR		0.002246	1.18E-06	1900.8
142993	12/10/2016	10:32 AM	GLENDOVEER-13597	16	1898.433	30374.93	12/11/2016	6:11 PM	XFM_OH:B 50 3720		0.035897	1.89E-05	1898.433
142158	12/10/2016	6:26 AM	RUBY-CARLINE	1	1890.067	1890.067	12/11/2016	1:57 PM	SP:275 NE 197TH AVE		0.002234	1.18E-06	1890.067
139740	12/9/2016	8:34 PM	ROCKWOOD-ROCKWOOD 13	47	1889.633	88812.77	12/11/2016	4:04 AM	FUSE_OH:A1332C-207 / C / 50 A		0.104958	5.55E-05	1889.633
142595	12/10/2016	8:35 AM	BLUE LAKE-BLUE LAKE 13	1	1887.3	1887.3	12/11/2016	4:02 PM	SP:22231 NE SANDY BLVD		0.00223	1.18E-06	1887.3
145146	12/11/2016	1:49 AM	HOGAN NORTH-LINKS	1	1883.2	1883.2	12/12/2016	9:12 AM	SP:32812 NE CHAMBERLAIN RD		0.002226	1.18E-06	1883.2
142562	12/10/2016	8:28 AM	SUMMIT-SUMMIT 13	3	1880.5	5641.5	12/11/2016	3:48 PM	XFM_UG:A 25 53043		0.006667	3.55E-06	1880.5
144090	12/10/2016	2:32 PM	ORIENT-ORIENT 13	1	1877.25	1877.25	12/11/2016	9:50 PM	SP:37915 SE HOWARD RD		0.002219	1.18E-06	1877.25
139712	12/9/2016	8:24 PM	GLENCOE-SUNNYSIDE	1	1875.45	1875.45	12/11/2016	3:39 AM	SP:3319 NE DAVIS ST		0.002216	1.18E-06	1875.45
142287	12/10/2016	7:28 AM	HOGAN SOUTH-WALLULA	2	1866.317	3732.633	12/11/2016	2:34 PM	SP:1430 NW 4TH ST		0.004411	2.36E-06	1866.317
142232	12/10/2016	7:03 AM	ORIENT-BARLOW	1	1863.75	1863.75	12/11/2016	2:06 PM	SP:31443 SE DIVISION DR		0.002203	1.18E-06	1863.75
145637	12/11/2016	9:26 AM	ROCKWOOD-ROCKWOOD 13	1	1862.1	1862.1	12/12/2016	4:28 PM	SP:710 NE 196TH AVE		0.002201	1.18E-06	1862.1
142417	12/10/2016	7:55 AM	MIDWAY-LYNCH	1	1861.083	1861.083	12/11/2016	2:57 PM	SP:15706 SE MILL ST		0.002199	1.18E-06	1861.083
142619	12/10/2016	8:50 AM	SUMMIT-SUMMIT 13	1	1859.117	1859.117	12/11/2016	3:49 PM	SP:91000 E CHIMNEY ROCK RD		0.002197	1.18E-06	1859.117
142420	12/10/2016	7:57 AM	ORIENT-ORIENT 13	1	1856.783	1856.783	12/11/2016	2:54 PM	SP:3413 SE MANNTHEY RD		0.002194	1.18E-06	1856.783
141112	12/10/2016	12:29 AM	GLENCULLEN-BRIDLEMILE	2	1846.733	3693.467	12/11/2016	7:15 AM	SP:1202 SW HESSLER DR		0.004365	2.36E-06	1846.733
143682	12/10/2016	10:41 AM	ORIENT-ORIENT 13	4	1846.333	7385.333	12/11/2016	5:27 PM	SP:43190 SE DEVERELL RD		0.008728	4.73E-06	1846.333
144483	12/10/2016	3:31 PM	GLENDOVEER-13599	8	1846.133	14769.07	12/11/2016	10:17 PM	XFM_OH:B 15 34370		0.017454	9.45E-06	1846.133
145773	12/10/2016	1:42 AM	ORIENT-BARLOW	84	1837.5	154350	12/11/2016	8:20 AM	FUSE_OH:D1408B-2062 / ABC / 65 A		0.182408	9.93E-05	1837.5
142112	12/10/2016	5:52 AM	ROCKWOOD-ROCKWOOD 13	33	1828.433	60338.3	12/11/2016	12:21 PM	FUSE_OH:A1332B-1173 / A / 65 A		0.071307	3.9E-05	1828.433
145110	12/9/2016	5:25 PM	HOGAN NORTH-LINKS	134	1820.433	243938.1	12/10/2016	11:46 PM	RECL:6466		0.288282	0.000158	1820.433
143404	12/10/2016	11:35 AM	KELLY BUTTE-MALL 205	1	1819.617	1819.617	12/11/2016	5:55 PM	SP:11515 SE YAMHILL ST		0.00215	1.18E-06	1819.617
139182	12/9/2016	5:25 PM	ORIENT-ORIENT 13	452	1819.533	822429.1	12/10/2016	11:45 PM	RECL:3112		0.971934	0.000534	1819.533
142939	12/10/2016	10:15 AM	GLENDOVEER-NORTHEAST	1	1818	1818	12/11/2016	4:33 PM	SP:1635 NE 138TH PL		0.002148	1.18E-06	1818
142238	12/10/2016	7:07 AM	GLENDOVEER-13599	1	1816.15	1816.15	12/11/2016	1:24 PM	SP:810 NE 157TH AVE		0.002146	1.18E-06	1816.15
145482	12/10/2016	11:04 AM	HOGAN NORTH-LINKS	2	1812.483	3624.967	12/11/2016	5:16 PM	SP:37132 SE RICKERT RD		0.004284	2.36E-06	1812.483
143662	12/10/2016	12:47 PM	GLENDOVEER-13597	1	1811.3	1811.3	12/11/2016	6:58 PM	SP:12222 SE STARK ST		0.002141	1.18E-06	1811.3
142198	12/10/2016	6:43 AM	ROCKWOOD-ROCKWOOD 13	2	1809	3618	12/11/2016	12:52 PM	SP:17925 E BURNSIDE ST_1		0.004276	2.36E-06	1809
143073	12/10/2016	10:47 AM	CENTENNIAL-BRAECROFT	13	1804.267	23455.47	12/11/2016	4:52 PM	XFM_OH:A 50 57741		0.027719	1.54E-05	1804.267
143161	12/10/2016	11:08 AM	GLENDOVEER-13597	7	1800.217	12601.52	12/11/2016	5:09 PM	XFM_OH:C 25 11305		0.014892	8.27E-06	1800.217
142835	12/10/2016	9:44 AM	ORIENT-ORIENT 13	1	1797.217	1797.217	12/11/2016	3:41 PM	SP:601 NE LITTLEPAGE RD		0.002124	1.18E-06	1797.217
143846	12/10/2016	1:40 PM	GLENDOVEER-13597	1	1795.25	1795.25	12/11/2016	7:35 PM	SP:12520 NE FLANDERS ST		0.002122	1.18E-06	1795.25
143438	12/10/2016	11:41 AM	CENTENNIAL-BRAECROFT	1	1791.133	1791.133	12/11/2016	5:32 PM	SP:2049 SE 171ST AVE		0.002117	1.18E-06	1791.133
138862	12/9/2016	4:17 PM	HOGAN NORTH-HOGAN NORTH 13	1	1785.65	1785.65	12/10/2016	10:03 PM	SP:25221 SE RUGG RD		0.00211	1.18E-06	1785.65
144538	12/10/2016	4:43 PM	GLENDOVEER-13599	1	1777.65	1777.65	12/11/2016	10:21 PM	SP:16308 NE EVERETT CT		0.002101	1.18E-06	1777.65
138860	12/9/2016	4:16 PM	HOGAN NORTH-HOGAN NORTH 13	1	1772.6	1772.6	12/10/2016	9:48 PM	SP:10995 SE 240TH PL		0.002095	1.18E-06	1772.6
135937	12/8/2016	12:11 AM	HARBORTON-BURLINGTON	143	1772	253396	12/9/2016	5:43 AM	RECL:6089		0.299459	0.000169	1772
143122	12/10/2016	11:01 AM	ORIENT-BARLOW	1	1769.983	1769.983	12/11/2016	4:31 PM	SP:8201 SE TETON DR		0.002092	1.18E-06	1769.983
141862	12/10/2016	3:45 AM	CENTENNIAL-BRAECROFT	1	1762.283	1762.283	12/11/2016	9:07 AM	SP:18 SE 167TH AVE		0.002083	1.18E-06	1762.283
139417	12/9/2016	3:43 PM	SYLVAN-BARNES	222	1760.5	390831	12/10/2016	9:03 PM	FUSE_OH:B1136B-938 / ABC / 65 A		0.461878	0.000262	1760.5
142123	12/10/2016	6:10 AM	HOGAN SOUTH-WALLULA	62	1757.75	108980.5	12/11/2016	11:28 AM	FUSE_OH:D1309B-2316 / C / 65 A		0.128791	7.33E-05	1757.75
143506	12/10/2016	12:08 PM	FAIRVIEW-TROUTDALE	2	1757.05	3514.1	12/11/2016	5:25 PM	XFM_OH:B 15 8363		0.004153	2.36E-06	1757.05
142544	12/10/2016	8:22 AM	GLENDOVEER-NORTHEAST	1	1749.783	1749.783	12/11/2016	1:31 PM	SP:2132 NE 143RD AVE		0.002068	1.18E-06	1749.783
139078	12/9/2016	4:41 PM	E-13144	333	1749.25	582500.3	12/10/2016	9:50 PM	RECL:1402		0.68839	0.000394	1749.25
143080	12/10/2016	10:50 AM	RUBY-JUNCTION	12	1749.117	20989.4	12/11/2016	3:59 PM	SP:20433 SE STARK ST_2		0.024805	1.42E-05	1749.117
143979	12/10/2016	2:02 PM	ORIENT-BARLOW	1	1748.5	1748.5	12/11/2016	7:10 PM	SP:34519 SE LUSTED RD		0.002066	1.18E-06	1748.5
145799	12/11/2016	11:22 AM	ORIENT-BARLOW	1	1744.65	1744.65	12/12/2016	4:26 PM	SP:31929 SE MALLY RD		0.002062	1.18E-06	1744.65
145957	12/11/2016	12:33 PM	ORIENT-BARLOW	1	1741.367	1741.367	12/12/2016	5:34 PM	XFM_OH:A 15 14634		0.002058	1.18E-06	1741.367
142797	12/10/2016	9:37 AM	HOGAN NORTH-LINKS	5	1734.733	8673.667	12/11/2016	2:31 PM	SP:1015 NE SALZMAN RD		0.01025	5.91E-06	1734.733
142142	12/10/2016	6:15 AM	HOGAN SOUTH-MAIN	1	1733	1733	12/11/2016	11:08 AM	SP:1500 NW 5TH ST		0.002048	1.18E-06	1733
142143	12/10/2016	6:15 AM	HOGAN SOUTH-WALLULA	2	1733	3466	12/11/2016	11:08 AM	SP:335 NW TOWLE AVE		0.004096	2.36E-06	1733

Attachment A Summary
for outages 5 Hours and Longer PGE Service Territory
December 9-10, 2016

Outage #	Outage Date	Outage Time	Feeder Name	Customers Affected	Customer		Return		Interrupt Location	SAIDI	SAIFI	CAIDI
					Duration	Minutes	Return Date	Time				
139040	12/9/2016	4:45 PM	GLENDOVEER-CLIFFGATE	1	1730.1	1730.1	12/10/2016	9:35 PM	SP:3433 NE 124TH PL	0.002045	1.18E-06	1730.1
142272	12/10/2016	7:23 AM	CENTENNIAL-BRAECROFT	1	1727.55	1727.55	12/11/2016	12:11 PM	SP:1025 SE 175TH PL	0.002042	1.18E-06	1727.55
144044	12/10/2016	2:22 PM	ORIENT-ORIENT 13	2	1727.267	3454.533	12/11/2016	7:09 PM	SP:43900 SE DEVERELL RD	0.004083	2.36E-06	1727.267
144053	12/10/2016	2:25 PM	WELCHES-WELCHES 13	16	1726.833	27629.33	12/11/2016	7:12 PM	FUSE_OH:D3709D-1047 / AB / 25 A	0.032652	1.89E-05	1726.833
138683	12/9/2016	3:18 PM	HOGAN SOUTH-LAWRENCE	5	1726.1	8630.5	12/10/2016	8:04 PM	SP:8989 SW ALDER RIDGE RD	0.010199	5.91E-06	1726.1
145420	12/10/2016	7:50 AM	SYLVAN-PATTON	17	1724	29308	12/11/2016	12:34 PM	FUSE_OH:D1106D-1432 / A / 15 A	0.034636	2.01E-05	1724
143467	12/10/2016	11:54 AM	ROCKWOOD-ROCKWOOD 13	2	1720.5	3441	12/11/2016	4:34 PM	SP:537 NE 190TH AVE	0.004067	2.36E-06	1720.5
143029	12/10/2016	10:40 AM	GLENDOVEER-13597	1	1717.317	1717.317	12/11/2016	3:18 PM	SP:12901 NE CLACKAMAS ST	0.002029	1.18E-06	1717.317
143867	12/10/2016	1:41 PM	SUMMIT-SUMMIT 13	1	1716.167	1716.167	12/11/2016	6:18 PM	SP:32798 E MINERAL CREEK DR	0.002028	1.18E-06	1716.167
144135	12/10/2016	2:46 PM	CURTIS-CURTIS 13	1	1704.4	1704.4	12/11/2016	7:11 PM	SP:8723 N TYNDALL AVE	0.002014	1.18E-06	1704.4
142363	12/10/2016	7:40 AM	FAIRVIEW-FAIRVIEW 13	1	1702.017	1702.017	12/11/2016	12:02 PM	SP:200 CREEKSIDE TER	0.002011	1.18E-06	1702.017
143723	12/10/2016	1:06 PM	CENTENNIAL-BRAECROFT	1	1700.783	1700.783	12/11/2016	5:27 PM	SP:917 SE 168TH AVE	0.00201	1.18E-06	1700.783
144158	12/10/2016	2:56 PM	ORIENT-ORIENT 13	1	1694.533	1694.533	12/11/2016	7:11 PM	SP:44142 SE DEVERELL RD	0.002003	1.18E-06	1694.533
143895	12/10/2016	12:24 PM	GLENDOVEER-NORTHEAST	7	1690.817	11835.72	12/11/2016	4:34 PM	XFM_OH:A 25 59615	0.013987	8.27E-06	1690.817
142467	12/10/2016	8:03 AM	CENTENNIAL-TREELAND	1	1687.05	1687.05	12/11/2016	12:10 PM	SP:16841 SE FRANKLIN ST	0.001994	1.18E-06	1687.05
145177	12/10/2016	2:28 PM	HOGAN NORTH-LINKS	19	1684.683	32008.98	12/11/2016	6:33 PM	FUSE_OH:A1434B-449 / C / 65 A	0.037828	2.25E-05	1684.683
145448	12/10/2016	3:42 PM	MIDWAY-DOUGLAS	1	1679.617	1679.617	12/11/2016	7:42 PM	SP:623 SE 137TH AVE	0.001985	1.18E-06	1679.617
143989	12/10/2016	2:05 PM	FAIRVIEW-TROUTDALE	1	1674.067	1674.067	12/11/2016	5:59 PM	SP:2126 SW HALSEY ST	0.001978	1.18E-06	1674.067
141277	12/10/2016	1:28 AM	ROCKWOOD-REYNOLDS	1	1673.383	1673.383	12/11/2016	5:21 AM	SP:1202 NE 189TH PL	0.001978	1.18E-06	1673.383
142543	12/10/2016	8:21 AM	FAIRVIEW-FAIRVIEW 13	1	1671.583	1671.583	12/11/2016	12:13 PM	SP:630 DEPOT ST	0.001975	1.18E-06	1671.583
143078	12/10/2016	10:48 AM	ROCKWOOD-ROCKWOOD 13	1	1671.5	1671.5	12/11/2016	2:40 PM	SP:63 NE 188TH AVE	0.001975	1.18E-06	1671.5
143496	12/10/2016	12:05 PM	MIDWAY-LYNCH	12	1670	20040	12/11/2016	3:55 PM	XFM_OH:B 50 5592	0.023683	1.42E-05	1670
142721	12/10/2016	4:49 PM	SYLVAN-PATTON	82	1668.25	136796.5	12/11/2016	8:37 PM	FUSE_OH:A1132D-61 / A / 100 A	0.161664	9.69E-05	1668.25
143255	12/10/2016	11:26 AM	HOGAN NORTH-LINKS	1	1667.583	1667.583	12/11/2016	3:13 PM	SP:2207 NE CORBETT HILL RD	0.001971	1.18E-06	1667.583
144224	12/10/2016	3:21 PM	ORIENT-ORIENT 13	1	1666.833	1666.833	12/11/2016	7:07 PM	SP:44400 SE DEVERELL RD_1	0.00197	1.18E-06	1666.833
144844	12/10/2016	7:10 PM	ROCKWOOD-ROCKWOOD 13	1	1661.517	1661.517	12/11/2016	10:52 PM	SP:25 NE 188TH AVE	0.001964	1.18E-06	1661.517
143092	12/10/2016	10:51 AM	HOGAN NORTH-HOGAN NORTH 13	2	1657	3314	12/11/2016	2:28 PM	SP:7518 SE HOGAN RD_1	0.003196	1.36E-06	1657
141014	12/10/2016	12:10 AM	GLENDOVEER-CLIFFGATE	1	1655.317	1655.317	12/11/2016	3:45 AM	SP:2637 NE 138TH PL	0.001956	1.18E-06	1655.317
145330	12/11/2016	6:18 AM	HOGAN NORTH-LINKS	3	1654.85	4964.55	12/12/2016	9:53 AM	SP:29926 E WOODARD RD	0.005867	3.55E-06	1654.85
139471	12/9/2016	6:47 PM	RAMAPO-GILBERT	1	1651.95	1651.95	12/10/2016	10:19 PM	SP:13239 SE HOGATE BLVD	0.001952	1.18E-06	1651.95
145701	12/10/2016	9:14 AM	SYLVAN-PATTON	1	1651.4	1651.4	12/11/2016	12:45 PM	SP:3055 SW CASCADE DR	0.001952	1.18E-06	1651.4
142244	12/10/2016	7:09 AM	ARLETA-POWELL	1	1649.767	1649.767	12/11/2016	10:38 AM	SP:3004 SE 65TH AVE	0.00195	1.18E-06	1649.767
143458	12/10/2016	11:48 AM	HOGAN NORTH-LINKS	1	1645.55	1645.55	12/11/2016	3:14 PM	SP:Null_3	0.001945	1.18E-06	1645.55
140642	12/9/2016	10:34 PM	ORIENT-ORIENT 13	1	1641.067	1641.067	12/11/2016	1:55 AM	SP:33120 SE HURLBURT RD	0.001939	1.18E-06	1641.067
142762	12/10/2016	9:27 AM	BLUE LAKE-BLUE LAKE 13	1	1639.067	1639.067	12/11/2016	12:46 PM	SP:20111 NE INTERLACHEN LN	0.001937	1.18E-06	1639.067
144463	12/10/2016	12:45 PM	GLENDOVEER-13599	3	1638.317	4914.95	12/11/2016	4:03 PM	XFM_OH:A 25 38880	0.005808	3.55E-06	1638.317
138685	12/9/2016	3:09 PM	BETHANY-GERMANTOWN	58	1635.75	94873.5	12/10/2016	6:24 PM	FUSE_OH:B1115A-533 / AB / 40 A	0.11212	6.85E-05	1635.75
142669	12/10/2016	9:02 AM	FAIRVIEW-TROUTDALE	1	1634	1634	12/11/2016	12:16 PM	SP:134 SW 22ND ST	0.001931	1.18E-06	1634
142625	12/10/2016	8:51 AM	HOGAN SOUTH-LAWRENCE	1	1631.567	1631.567	12/11/2016	12:03 PM	SP:2400 SW TOWLE AVE	0.001928	1.18E-06	1631.567
142988	12/10/2016	10:30 AM	ORIENT-ORIENT 13	1	1630.567	1630.567	12/11/2016	1:41 PM	SP:36196 SE GORDON CREEK RD	0.001927	1.18E-06	1630.567
142304	12/10/2016	7:32 AM	MIDWAY-LYNCH	45	1629.383	73322.25	12/11/2016	10:42 AM	FUSE_OH:D1201D-7135 / B / 65 A	0.086651	5.32E-05	1629.383
144022	12/10/2016	2:16 PM	CENTENNIAL-CENTENNIAL 13	1	1628.433	1628.433	12/11/2016	5:24 PM	SP:1921 SE 176TH AVE	0.001924	1.18E-06	1628.433
144536	12/10/2016	12:41 PM	ORIENT-ORIENT 13	2	1624.217	3248.433	12/11/2016	3:45 PM	SP:38041 SE RICKERT RD	0.003839	2.36E-06	1624.217
144148	12/10/2016	2:53 PM	HOGAN SOUTH-LAWRENCE	1	1621.333	1621.333	12/11/2016	5:54 PM	SP:360 SE MORLAN AVE	0.001916	1.18E-06	1621.333
142664	12/10/2016	9:01 AM	FAIRVIEW-TROUTDALE	1	1620.55	1620.55	12/11/2016	12:01 PM	SP:1590 SW KINGS BYWAY	0.001915	1.18E-06	1620.55
143891	12/10/2016	1:32 PM	GLENDOVEER-NORTHEAST	9	1619.95	14579.55	12/11/2016	4:32 PM	XFM_OH:C 50 8844	0.01723	1.06E-05	1619.95
144108	12/10/2016	11:29 AM	CENTENNIAL-BRAECROFT	26	1617.783	42062.37	12/11/2016	2:26 PM	FUSE_OH:A1331D-2642 / A / 65 A	0.049709	3.07E-05	1617.783
144193	12/10/2016	3:13 PM	GLENDOVEER-13596	1	1610.383	1610.383	12/11/2016	6:03 PM	SP:2337 NE 130TH AVE	0.001903	1.18E-06	1610.383
143014	12/10/2016	10:37 AM	BORING-282ND	8	1605.8	12846.4	12/11/2016	1:23 PM	FUSE_OH:D1336A-5695 / A / 6 A	0.015182	9.45E-06	1605.8
143614	12/10/2016	12:30 PM	CANYON-CANYON 13	1	1600.367	1600.367	12/11/2016	3:10 PM	SP:2670 SW GEORGIAN PL	0.001891	1.18E-06	1600.367
143608	12/10/2016	12:28 PM	GLENDOVEER-NORTHEAST	1	1595.767	1595.767	12/11/2016	3:03 PM	SP:2127 NE 143RD AVE	0.001886	1.18E-06	1595.767
142848	12/10/2016	9:48 AM	CENTENNIAL-CENTENNIAL 13	1	1594.983	1594.983	12/11/2016	12:23 PM	SP:18014 SE KELLY CT	0.001885	1.18E-06	1594.983
143781	12/10/2016	1:27 PM	HOGAN NORTH-LINKS	1	1591.133	1591.133	12/11/2016	3:58 PM	SP:43015 NE 2ND ST	0.00188	1.18E-06	1591.133

Attachment A Summary
for outages 5 Hours and Longer PGE Service Territory
December 9-10, 2016

Outage #	Outage Date	Outage Time	Feeder Name	Customers Affected	Customer		Return		Interrupt Location	SAIDI	SAIFI	CAIDI
					Duration	Minutes	Return Date	Time				
142856	12/10/2016	9:51 AM	CANYON-CANYON 13	1	1579.067	1579.067	12/11/2016	12:10 PM	SP:2658 SW TALBOT RD	0.001866	1.18E-06	1579.067
143088	12/10/2016	10:52 AM	BORING-282ND	1	1577.233	1577.233	12/11/2016	1:09 PM	SP:8687 SE 282ND AVE	0.001864	1.18E-06	1577.233
144184	12/10/2016	3:09 PM	CENTENNIAL-BRAECROFT	1	1573.517	1573.517	12/11/2016	5:23 PM	SP:16964 SE STARK ST_1	0.00186	1.18E-06	1573.517
144584	12/10/2016	5:03 PM	GLENDOVEER-13597	6	1569.95	9419.7	12/11/2016	7:13 PM	XFM_OH:A 25 17574	0.011132	7.09E-06	1569.95
143545	12/10/2016	2:17 AM	GLENDOVEER-13599	6	1565.917	9395.5	12/11/2016	4:22 AM	XFM_OH:C 25 49763	0.011103	7.09E-06	1565.917
144904	12/10/2016	8:09 PM	LENTS-NORTH	1	1565.55	1565.55	12/11/2016	10:15 PM	SP:9301 SE STEELE ST	0.00185	1.18E-06	1565.55
144282	12/10/2016	3:49 PM	GLENDOVEER-CLIFFGATE	1	1558.667	1558.667	12/11/2016	5:47 PM	SP:12505 NE HALSEY ST	0.001842	1.18E-06	1558.667
143132	12/10/2016	11:03 AM	HEMLOCK-MASON	1	1557.5	1557.5	12/11/2016	1:01 PM	SP:5107 NE 158TH AVE	0.001841	1.18E-06	1557.5
139811	12/9/2016	8:40 PM	GLENDOVEER-13596	1	1554.133	1554.133	12/10/2016	10:34 PM	SP:2747 NE 123RD AVE	0.001837	1.18E-06	1554.133
144258	12/10/2016	3:36 PM	MIDWAY-LYNCH	1	1552.317	1552.317	12/11/2016	5:28 PM	SP:14605 SE STEPHENS ST	0.001835	1.18E-06	1552.317
142756	12/10/2016	9:25 AM	ORIENT-ORIENT 13	4	1548.25	6193	12/11/2016	11:13 AM	SP:40601 SE LOUDEN RD	0.007319	4.73E-06	1548.25
137939	12/8/2016	1:35 AM	WILLAMINA-BUELL	118	1545	182310	12/9/2016	3:20 AM	RECL:4166	0.215451	0.000139	1545
143045	12/10/2016	10:44 AM	HOGAN SOUTH-LAWRENCE	1	1544.45	1544.45	12/11/2016	12:29 PM	SP:1170 SW BLAINE CT	0.001825	1.18E-06	1544.45
142191	12/10/2016	6:37 AM	KELLY BUTTE-MALL 205	1	1542.8	1542.8	12/11/2016	8:20 AM	SP:11620 SE DIVISION ST_1	0.001823	1.18E-06	1542.8
143802	12/10/2016	1:31 PM	BORING-282ND	1	1541.483	1541.483	12/11/2016	3:12 PM	SP:29143 SE LUSTED RD	0.001822	1.18E-06	1541.483
139949	12/9/2016	8:44 PM	KELLY BUTTE-FAIRLAWN	1	1537	1537	12/10/2016	10:21 PM	SP:1742 SE 112TH AVE	0.001816	1.18E-06	1537
144900	12/10/2016	8:04 PM	FAIRVIEW-WOOD VILLAGE	1	1523.483	1523.483	12/11/2016	9:27 PM	SP:32932 NE POPLAR CT	0.0018	1.18E-06	1523.483
142824	12/10/2016	9:42 AM	TABOR-82ND	1	1515.633	1515.633	12/11/2016	10:58 AM	SP:6207 NE DAVIS ST	0.001791	1.18E-06	1515.633
142231	12/10/2016	7:02 AM	CANYON-CANYON 13	1	1513.8	1513.8	12/11/2016	8:16 AM	SP:2639 SW SHERWOOD DR	0.001789	1.18E-06	1513.8
144474	12/10/2016	2:38 PM	GLENDOVEER-13599	1	1508.367	1508.367	12/11/2016	3:47 PM	SP:311 NE 130TH PL	0.001783	1.18E-06	1508.367
140478	12/9/2016	10:02 PM	ORIENT-ORIENT 13	101	1506.283	152134.6	12/10/2016	11:09 PM	SP: SW_OH:LB:4022	0.17979	0.000119	1506.283
144887	12/10/2016	7:45 PM	CENTENNIAL-BARKER	1	1503.167	1503.167	12/11/2016	8:48 PM	SP:650 SE 162ND AVE_2	0.001776	1.18E-06	1503.167
144929	12/10/2016	8:33 PM	WELCHES-ZIG ZAG	1	1500.017	1500.017	12/11/2016	9:33 PM	SP:20440 E ANGLESLEY RD	0.001773	1.18E-06	1500.017
139090	12/9/2016	4:50 PM	BETHANY-GERMANTOWN	224	1499	265086	12/10/2016	5:49 PM	FUSE_OH:B1110C-508 / AB / 40 A	0.313275	0.000265	1183.42
143186	12/10/2016	11:14 AM	ORIENT-ORIENT 13	1	1498.05	1498.05	12/11/2016	12:12 PM	SP:33605 SE STEVENS RD	0.00177	1.18E-06	1498.05
143447	12/10/2016	11:44 AM	ORIENT-BARLOW	1	1497.117	1497.117	12/11/2016	12:42 PM	SP:Nuff_22	0.001769	1.18E-06	1497.117
142421	12/10/2016	7:57 AM	KELLY BUTTE-MALL 205	1	1496.1	1496.1	12/11/2016	8:53 AM	SP:11850 SE ALDER ST	0.001768	1.18E-06	1496.1
144526	12/10/2016	4:38 PM	ORIENT-BARLOW	4	1490.633	5962.533	12/11/2016	5:29 PM	XFM_OH:A 25 66837	0.007046	4.73E-06	1490.633
144565	12/10/2016	4:56 PM	GLENDOVEER-NORTHEAST	1	1483.4	1483.4	12/11/2016	5:40 PM	SP:2205 NE 144TH AVE	0.001753	1.18E-06	1483.4
143618	12/10/2016	12:33 PM	BOONES FERRY-GOODALL	1	1479.65	1479.65	12/11/2016	1:12 PM	SP:11236 SW 16TH DR	0.001749	1.18E-06	1479.65
139697	12/9/2016	8:20 PM	RIVERVIEW-TERWILLIGER	49	1479.15	72478.35	12/10/2016	8:59 PM	FUSE_OH:D1134A-352 / ABC / 40 A	0.085654	5.79E-05	1479.15
145699	12/11/2016	10:17 AM	HOGAN NORTH-LINKS	1	1478.217	1478.217	12/12/2016	10:55 AM	SP:1836 SE O'REGAN RD	0.001747	1.18E-06	1478.217
138378	12/9/2016	11:43 AM	URBAN-BARBUR	4	1477.05	5908.2	12/10/2016	12:20 PM	XFM_OH:B 10 20497	0.006982	4.73E-06	1477.05
139390	12/9/2016	6:22 PM	CENTENNIAL-BRAECROFT	1	1474.383	1474.383	12/10/2016	6:56 PM	SP:825 SE 180TH AVE	0.001742	1.18E-06	1474.383
142394	12/10/2016	7:48 AM	CANYON-CANYON 13	1	1472.133	1472.133	12/11/2016	8:20 AM	SP:3259 SW SHERWOOD PL	0.00174	1.18E-06	1472.133
143432	12/10/2016	11:39 AM	RUBY-JUNCTION	1	1470.783	1470.783	12/11/2016	12:10 PM	SP:21819 SE ASH ST	0.001738	1.18E-06	1470.783
142386	12/10/2016	7:46 AM	CANYON-CANYON 13	1	1470.133	1470.133	12/11/2016	8:16 AM	SP:2736 SW SHERWOOD DR	0.001737	1.18E-06	1470.133
143792	12/10/2016	1:29 PM	GLENDOVEER-13599	1	1460.7	1460.7	12/11/2016	1:50 PM	SP:237 NE 143RD AVE	0.001726	1.18E-06	1460.7
138766	12/9/2016	3:55 PM	GLENCULLEN-BRIDLEMILE	1	1457.5	1457.5	12/10/2016	4:12 PM	SP:4545 SW COUNCIL CREST DR	0.001722	1.18E-06	1457.5
142929	12/10/2016	10:14 AM	RUBY-JUNCTION	344	1455.933	500841.1	12/11/2016	10:30 AM	FUSE_OH:D1304D-4508 / ABC / 100 A	0.591886	0.000407	1455.933
140294	12/9/2016	9:33 PM	GLENDOVEER-CLIFFGATE	80	1449.217	115937.3	12/10/2016	9:42 PM	FUSE_OH:A1226D-2264 / A / 65 A	0.137013	9.45E-05	1449.217
143896	12/10/2016	12:35 PM	GLENDOVEER-NORTHEAST	7	1446.85	10127.95	12/11/2016	12:42 PM	XFM_OH:A 25 62342	0.011969	8.27E-06	1446.85
144907	12/10/2016	8:11 PM	PENINSULA PARK-OCKLEY GREEN	1	1444.783	1444.783	12/11/2016	8:15 PM	SP:1635 N CHURCH ST	0.001707	1.18E-06	1444.783
144853	12/10/2016	7:16 PM	HEMLOCK-MASON	1	1440.967	1440.967	12/11/2016	7:17 PM	PM:30243652	0.001703	1.18E-06	1440.967
143266	12/9/2016	11:43 AM	HOGAN NORTH-LINKS	334	1439.017	480631.6	12/10/2016	11:42 AM	RECL:7348	0.568003	0.000395	1439.017
143670	12/10/2016	12:48 PM	BORING-282ND	1	1435.7	1435.7	12/11/2016	12:44 PM	SP:8764 SE HITE CT	0.001697	1.18E-06	1435.7
143892	12/10/2016	12:20 PM	GLENDOVEER-NORTHEAST	7	1432.567	10027.97	12/11/2016	12:13 PM	XFM_OH:A 37.5 3010	0.011851	8.27E-06	1432.567
143532	12/10/2016	12:18 PM	ORIENT-ORIENT 13	1	1432.533	1432.533	12/11/2016	12:10 PM	SP:34043 SE STEVENS RD	0.001693	1.18E-06	1432.533
144564	12/10/2016	4:54 PM	SYLVAN-PATTON	1	1431.483	1431.483	12/11/2016	4:45 PM	SP:2821 NW MONTE VISTA TER	0.001692	1.18E-06	1431.483
144622	12/10/2016	5:03 PM	SYLVAN-PATTON	12	1427.367	17128.4	12/11/2016	4:50 PM	SP:1500 SW HIGHLAND RD	0.020242	1.42E-05	1427.367
144041	12/10/2016	2:20 PM	CANYON-23RD	2	1421.417	2842.833	12/11/2016	2:02 PM	SP:3221 SW UPPER CASCADE DR	0.00336	2.36E-06	1421.417
144256	12/10/2016	3:35 PM	GLENDOVEER-13596	1	1420.9	1420.9	12/11/2016	3:16 PM	SP:12330 NE MORRIS ST	0.001679	1.18E-06	1420.9
143649	12/10/2016	12:43 PM	TABOR-TABOR 13	1	1413.783	1413.783	12/11/2016	12:17 PM	SP:6112 SE SALMON ST	0.001671	1.18E-06	1413.783

Attachment A Summary
for outages 5 Hours and Longer PGE Service Territory
December 9-10, 2016

Outage #	Outage Date	Outage Time	Feeder Name	Customers			Customer		Return		Interrupt Location	SAIDI	SAIFI	CAIDI
				Affected	Duration	Minutes	Return Date	Time	Time					
138594	12/9/2016	2:25 PM	PLEASANT VALLEY-MOON	1	1413.4	1413.4	12/10/2016	1:58 PM	SP:2943 SW 21ST CT		0.00167	1.18E-06	1413.4	
143774	12/10/2016	1:24 PM	ORIENT-ORIENT 13	1	1407.517	1407.517	12/11/2016	12:52 PM	SP:32040 SE OXBOW DR		0.001663	1.18E-06	1407.517	
144810	12/10/2016	6:38 PM	GLENDOVEER-13597	1	1406.4	1406.4	12/11/2016	6:04 PM	SP:533 NE 127TH PL		0.001662	1.18E-06	1406.4	
138854	12/9/2016	4:14 PM	GLENCOE-SUNNYSIDE	1	1404.917	1404.917	12/10/2016	3:39 PM	SP:3550 NE MULTNOMAH ST		0.00166	1.18E-06	1404.917	
144186	12/10/2016	3:09 PM	CANYON-23RD	1	1400.8	1400.8	12/11/2016	2:30 PM	SP:2805 SW RUTLAND TER		0.001655	1.18E-06	1400.8	
142682	12/10/2016	9:06 AM	CANYON-CANYON 13	3	1395.367	4186.1	12/11/2016	8:21 AM	SP:2610 SW SHERWOOD DR		0.004947	3.55E-06	1395.367	
139290	12/9/2016	5:42 PM	WEST UNION-CORNELIUS PASS	185	1393.133	257729.7	12/10/2016	4:55 PM	FUSE_OH:B2131C-247 / BC / 65 A		0.304581	0.000219	1393.133	
139597	12/9/2016	7:44 PM	RIVERVIEW-FULTON	1	1384.783	1384.783	12/10/2016	6:49 PM	SP:6425 SW CORBETT AVE		0.001637	1.18E-06	1384.783	
143849	12/10/2016	1:40 PM	BORING-282ND	3	1383.217	4149.65	12/11/2016	12:43 PM	XFM_UG:A 50 70410		0.004904	3.55E-06	1383.217	
138525	12/9/2016	1:20 PM	DUNNS CORNER-DUNNS CORNER 13	2	1383	2766	12/10/2016	12:23 PM	SP:34031 SE BLUFF RD		0.003269	2.36E-06	1383	
140062	12/9/2016	9:01 PM	GLENDOVEER-13596	71	1374.85	97614.35	12/10/2016	7:56 PM	FUSE_OH:A1226B-3436 / C / 65 A		0.115359	8.39E-05	1374.85	
144315	12/10/2016	4:03 PM	WILLBRIDGE-WILLBRIDGE #1	1	1371.533	1371.533	12/11/2016	2:55 PM	SP:5909 NW ST HELENS RD		0.001621	1.18E-06	1371.533	
143008	12/10/2016	10:36 AM	BORING-282ND	1	1356.083	1356.083	12/11/2016	9:12 AM	SP:2157 SE HALE DR		0.001603	1.18E-06	1356.083	
143714	12/9/2016	4:36 PM	CANYON-23RD	84	1355.967	113901.2	12/10/2016	3:12 PM	RECL:1794		0.134607	9.93E-05	1355.967	
146281	12/11/2016	4:29 PM	HOGAN NORTH-LINKS	1	1355.283	1355.283	12/12/2016	3:04 PM	SP:44140 NE ALEX BARR RD		0.001602	1.18E-06	1355.283	
143072	12/10/2016	10:47 AM	BORING-282ND	1	1354.65	1354.65	12/11/2016	9:22 AM	SP:3221 SE 27TH ST		0.001601	1.18E-06	1354.65	
138526	12/9/2016	1:20 PM	DUNNS CORNER-DUNNS CORNER 13	2	1351	2702	12/10/2016	11:51 AM	XFM_OH:A 10 60024		0.003193	2.36E-06	1351	
139369	12/9/2016	6:08 PM	HOGAN SOUTH-LAWRENCE	1	1337.2	1337.2	12/10/2016	4:25 PM	SP:1549 SW WALTERS LOOP		0.00158	1.18E-06	1337.2	
144356	12/10/2016	4:14 PM	CANYON-23RD	1	1335.283	1335.283	12/11/2016	2:30 PM	SP:4241 SW TORR LN		0.001578	1.18E-06	1335.283	
144185	12/10/2016	3:09 PM	BORING-282ND	17	1333.033	22661.57	12/11/2016	1:22 PM	FUSE_OH:D1326A-9652 / AC / 10 A		0.026781	2.01E-05	1333.033	
144728	12/10/2016	5:40 PM	ALDER-IRVING	1	1331.85	1331.85	12/11/2016	3:52 PM	SP:3404 NE OREGON ST		0.001574	1.18E-06	1331.85	
146020	12/11/2016	1:08 PM	GLENDOVEER-13599	1	1330.5	1330.5	12/12/2016	11:18 AM	SP:16434 NE MULTNOMAH ST		0.001572	1.18E-06	1330.5	
140195	12/9/2016	9:10 PM	MULTNOMAH-13181	1	1313	1313	12/10/2016	7:03 PM	SP:9330 SW CAPITOL HWY		0.001552	1.18E-06	1313	
144464	12/10/2016	2:22 PM	GLENDOVEER-13599	1	1309.15	1309.15	12/11/2016	12:11 PM	SP:710 NE 155TH AVE		0.001547	1.18E-06	1309.15	
142378	12/10/2016	7:44 AM	SYLVAN-BARNES	1	1307.833	1307.833	12/11/2016	5:31 AM	SP:325 NW ROYAL BLVD		0.001546	1.18E-06	1307.833	
142528	12/10/2016	8:13 AM	HOGAN SOUTH-PAROPA	42	1297.267	54485.2	12/11/2016	5:50 AM	FUSE_OH:D1313A-1290 / A / 100 A		0.06439	4.96E-05	1297.267	
140265	12/9/2016	9:21 PM	CENTENNIAL-BRAECROFT	1	1295.317	1295.317	12/10/2016	6:56 PM	SP:17421 SE PINE ST		0.001531	1.18E-06	1295.317	
140517	12/9/2016	10:11 PM	RIVERVIEW-TERWILLIGER	40	1294.867	51794.67	12/10/2016	7:46 PM	FUSE_OH:D1127C-5670 / B / 65 A		0.06121	4.73E-05	1294.867	
144189	12/10/2016	3:09 PM	GLENDOVEER-NORTHEAST	9	1292.2	11629.8	12/11/2016	12:41 PM	XFM_OH:A 37.5 2685		0.013744	1.06E-05	1292.2	
144573	12/10/2016	4:59 PM	SYLVAN-PATTON	1	1288.633	1288.633	12/11/2016	2:28 PM	SP:156 SW KINGSTON AVE		0.001523	1.18E-06	1288.633	
144917	12/10/2016	8:25 PM	RAMAPO-EMERALD	1	1287.917	1287.917	12/11/2016	5:52 PM	SP:10835 SE POWELL BLVD_2		0.001522	1.18E-06	1287.917	
144592	12/10/2016	5:06 PM	TABOR-82ND	1	1283.917	1283.917	12/11/2016	2:29 PM	SP:320 SE 63RD AVE		0.001517	1.18E-06	1283.917	
141306	12/9/2016	10:35 PM	HOGAN NORTH-LINKS	656	1276.483	837373.1	12/10/2016	7:51 PM	RECL:1868		0.989594	0.000775	1276.483	
144615	12/10/2016	5:13 PM	SYLVAN-PATTON	1	1275.067	1275.067	12/11/2016	2:28 PM	SP:126 SW PARKSIDE LN		0.001507	1.18E-06	1275.067	
143772	12/10/2016	1:23 PM	GLENDOVEER-13597	88	1268.283	111608.9	12/11/2016	10:32 AM	FUSE_OH:A1235C-7329 / ABC / 100 A		0.131898	0.000104	1268.283	
139274	12/9/2016	5:33 PM	NORTH PLAINS-MASON HILL	24	1265.317	30367.6	12/10/2016	2:38 PM	XFM_UG:A 25 69466		0.035888	2.84E-05	1265.317	
138872	12/9/2016	4:22 PM	MULTNOMAH-13181	1	1259.217	1259.217	12/10/2016	1:22 PM	SP:3618 SW MULTNOMAH BLVD		0.001488	1.18E-06	1259.217	
142111	12/10/2016	12:46 AM	GLENCOE-SUNNYSIDE	1	1258.95	1258.95	12/10/2016	9:45 PM	SP:3941 E BURNSIDE ST		0.001488	1.18E-06	1258.95	
144609	12/10/2016	1:22 PM	GLENDOVEER-13599	159	1254	199386	12/11/2016	10:16 AM	FUSE_OH:A1236D-10166 / A / 10 A		0.235631	0.000188	1254	
145736	12/11/2016	10:52 AM	MIDWAY-LYNCH	1	1252.85	1252.85	12/12/2016	7:45 AM	SP:14649 SE MAIN ST		0.001481	1.18E-06	1252.85	
145043	12/10/2016	9:51 PM	SYLVAN-BARNES	26	1250.617	32516.03	12/11/2016	6:41 PM	FUSE_OH:D1106B-3179 / AC / 100 A		0.038427	3.07E-05	1250.617	
139545	12/9/2016	7:21 PM	MIDWAY-DOUGLAS	1	1242.033	1242.033	12/10/2016	4:03 PM	SP:129 SE 143RD AVE		0.001468	1.18E-06	1242.033	
140995	12/9/2016	10:18 PM	RIVERVIEW-FULTON	159	1241.9	197462.1	12/10/2016	6:59 PM	FUSE_OH:D1121A-142 / ABC / 100 A		0.233358	0.000188	1241.9	
140802	12/9/2016	11:06 PM	KELLY BUTTE-BINNSMEAD	43	1237.433	53209.63	12/10/2016	7:44 PM	FUSE_OH:D1205A-72 / C / 100 A		0.062882	5.08E-05	1237.433	
141118	12/10/2016	12:33 AM	TABOR-82ND	9	1230	11070	12/10/2016	9:03 PM	XFM_OH:C 50 17630		0.013082	1.06E-05	1230	
138926	12/9/2016	4:36 PM	CANYON-23RD	752	1228.6	923907.2	12/10/2016	1:04 PM	RECL:2990		1.091859	0.000889	1228.6	
143821	12/10/2016	1:35 PM	DUNNS CORNER-DUNNS CORNER 13	3	1223.65	3670.95	12/11/2016	9:58 AM	XFM_OH:C 15 18892		0.004338	3.55E-06	1223.65	
143860	12/10/2016	1:40 PM	DUNNS CORNER-DUNNS CORNER 13	1	1222.067	1222.067	12/11/2016	10:02 AM	SP:42945 SE ELSNER RD		0.001444	1.18E-06	1222.067	
143730	12/10/2016	1:09 PM	FAIRVIEW-TROUTDALE	25	1220.667	30516.67	12/11/2016	9:29 AM	FUSE_OH:A1327D-832 / C / 25 A		0.036064	2.95E-05	1220.667	
144500	12/10/2016	4:34 PM	ROCKWOOD-ROCKWOOD 13	1	1217.483	1217.483	12/11/2016	12:51 PM	SP:635 NE 190TH AVE		0.001439	1.18E-06	1217.483	
144828	12/10/2016	6:55 PM	ALDER-IRVING	1	1214.7	1214.7	12/11/2016	3:09 PM	SP:3440 NE PACIFIC ST		0.001436	1.18E-06	1214.7	
144298	12/10/2016	4:00 PM	BLUE LAKE-BLUE LAKE 13	12	1211	14532	12/11/2016	12:11 PM	SP:3201 NE 223RD AVE_4		0.017174	1.42E-05	1211	
146139	12/11/2016	3:04 PM	HOGAN NORTH-LINKS	1	1203.183	1203.183	12/12/2016	11:08 AM	SP:46934 NE TOLL RD		0.001422	1.18E-06	1203.183	

Attachment A Summary
for outages 5 Hours and Longer PGE Service Territory
December 9-10, 2016

Outage #	Outage Date	Outage Time	Feeder Name	Customers			Customer		Return		Interrupt Location	SAIDI	SAIFI	CAIDI
				Affected	Duration	Minutes	Return Date	Time	Time					
140089	12/9/2016	9:03 PM	RIVERVIEW-TERWILLIGER	256	1194.95	305907.2	12/10/2016	4:58 PM	FUSE_OH:D1128A-1289 / ABC / 100 A		0.361516	0.000303	1194.95	
145892	12/10/2016	7:09 PM	SYLVAN-PATTON	60	1193.133	71588	12/11/2016	3:02 PM	FUSE_OH:A1132D-116 / C / 25 A		0.084602	7.09E-05	1193.133	
143803	12/10/2016	1:31 PM	DUNNS CORNER-DUNNS CORNER 13	16	1187.6	19001.6	12/11/2016	9:19 AM	FUSE_OH:D1529C-275 / C / 40 A		0.022456	1.89E-05	1187.6	
144727	12/10/2016	5:40 PM	GLENDOVEER-13599	1	1182.167	1182.167	12/11/2016	1:22 PM	SP:209 NE 148TH AVE		0.001397	1.18E-06	1182.167	
142857	12/10/2016	9:51 AM	GLENCOE-SUNNYSIDE	1	1182.133	1182.133	12/11/2016	5:33 AM	SP:3924 E BURNSIDE ST		0.001397	1.18E-06	1182.133	
141001	12/10/2016	12:06 AM	RIVERVIEW-FULTON	27	1179	31833	12/10/2016	7:45 PM	FUSE_OH:D1121A-234 / C / 65 A		0.03762	3.19E-05	1179	
144274	12/10/2016	3:43 PM	CURTIS-CURTIS 13	1	1176.467	1176.467	12/11/2016	11:19 AM	SP:8715 N TYNDALL AVE		0.00139	1.18E-06	1176.467	
145012	12/10/2016	9:26 PM	SYLVAN-BARNES	1	1174.033	1174.033	12/11/2016	5:00 PM	SP:2933 NW 53RD DR		0.001387	1.18E-06	1174.033	
140999	12/10/2016	12:05 AM	RIVERVIEW-FULTON	16	1169.45	18711.2	12/10/2016	7:34 PM	XFM_OH:C 50 2932		0.022113	1.89E-05	1169.45	
139397	12/9/2016	6:26 PM	GLENCOE-SUNNYSIDE	318	1159	368562	12/10/2016	1:45 PM	<inline_jumper.1799>		0.435561	0.000376	1159	
145113	12/10/2016	11:57 PM	HOGAN NORTH-LINKS	91	1155	105105	12/11/2016	7:12 PM	FUSE_OH:D1402C-485 / ABC / 65 A		0.124211	0.000108	1155	
143001	12/10/2016	10:34 AM	BORING-282ND	120	1154.167	138500	12/11/2016	5:48 AM	FUSE_OH:D1419C-9 / ABC / 65 A		0.163677	0.000142	1154.167	
140212	12/9/2016	9:15 PM	RIVERVIEW-FULTON	93	1153.6	107284.8	12/10/2016	4:29 PM	FUSE_OH:D1116D-74 / C / 40 A		0.126788	0.00011	1153.6	
140684	12/9/2016	10:48 PM	EASTPORT-76TH	1	1152.567	1152.567	12/10/2016	6:00 PM	SP:2827 SE 90TH PL		0.001362	1.18E-06	1152.567	
139856	12/9/2016	8:43 PM	KELLY BUTTE-FAIRLAWN	1	1150.85	1150.85	12/10/2016	3:53 PM	SP:10594 SE CHERRY BLOSSOM DR		0.00136	1.18E-06	1150.85	
145136	12/11/2016	12:41 AM	HOGAN NORTH-LINKS	18	1142.917	20572.5	12/11/2016	7:44 PM	FUSE_OH:D1402C-251 / AC / 40 A		0.024312	2.13E-05	1142.917	
139474	12/9/2016	6:49 PM	GLENCOE-SUNNYSIDE	1	1141.317	1141.317	12/10/2016	1:50 PM	SP:3823 NE FLANDERS ST		0.001349	1.18E-06	1141.317	
139475	12/9/2016	6:49 PM	GLENCOE-SUNNYSIDE	1	1139.3	1139.3	12/10/2016	1:48 PM	SP:Null_6		0.001346	1.18E-06	1139.3	
142557	12/9/2016	11:28 PM	MIDWAY-DOUGLAS	12	1138.583	13663	12/10/2016	6:26 PM	XFM_OH:C 75 12488		0.016147	1.42E-05	1138.583	
144999	12/10/2016	9:02 PM	HOGAN NORTH-LINKS	29	1137.867	32998.13	12/11/2016	4:00 PM	FUSE_OH:A1426C-133 / AB / 25 A		0.038997	3.43E-05	1137.867	
145137	12/11/2016	12:47 AM	ORIENT-BARLOW	1	1136.983	1136.983	12/11/2016	7:44 PM	SP:4025 SE 322ND AVE		0.001344	1.18E-06	1136.983	
138700	12/9/2016	3:29 PM	HOGAN SOUTH-LAWRENCE	65	1136.517	73873.58	12/10/2016	10:25 AM	FUSE_OH:D1315B-2880 / A / 65 A		0.087303	7.68E-05	1136.517	
140100	12/9/2016	9:05 PM	MULTNOMAH-13176	348	1134.85	394927.8	12/10/2016	4:00 PM	FUSE_OH:D1130A-1840 / ABC / 100 A		0.46672	0.000411	1134.85	
145130	12/11/2016	12:24 AM	GLENDOVEER-NORTHEAST	1	1133.467	1133.467	12/11/2016	7:18 PM	SP:1606 NE 128TH AVE		0.00134	1.18E-06	1133.467	
144441	12/10/2016	4:23 PM	BORING-282ND	1	1133.35	1133.35	12/11/2016	11:16 AM	SP:8945 SE HITE CT		0.001339	1.18E-06	1133.35	
144790	12/10/2016	6:21 PM	GLENDOVEER-NORTHEAST	1	1132.517	1132.517	12/11/2016	1:13 PM	SP:2331 NE 143RD AVE		0.001338	1.18E-06	1132.517	
139131	12/9/2016	5:04 PM	GRAND RONDE-AGENCY	10	1131.85	11318.5	12/10/2016	11:56 AM	SP:57125 SW HEBRO RD		0.013376	1.18E-05	1131.85	
140727	12/9/2016	10:58 PM	GLENCOE-SUNNYSIDE	1	1130.117	1130.117	12/10/2016	5:48 PM	SP:4201 NE LADDINGTON CT		0.001336	1.18E-06	1130.117	
144545	12/10/2016	4:46 PM	ORIENT-BARLOW	1	1125.633	1125.633	12/11/2016	11:31 AM	SP:29715 SE CHASE RD		0.00133	1.18E-06	1125.633	
139495	12/9/2016	7:02 PM	GLENCOE-SUNNYSIDE	1	1125.117	1125.117	12/10/2016	1:47 PM	SP:4243 NE LADDINGTON CT		0.00133	1.18E-06	1125.117	
139099	12/9/2016	6:32 PM	GLENDOVEER-13598	2158	1123	2329602	12/10/2016	1:15 PM	SC-BKR-GLENDOVEER R156		2.753087	0.00255	1079.519	
139500	12/9/2016	7:05 PM	LENTS-NORTH	1	1119.933	1119.933	12/10/2016	1:45 PM	SP:10004 SE ELLIS ST		0.001324	1.18E-06	1119.933	
138738	12/9/2016	3:47 PM	HOGAN SOUTH-LAWRENCE	1	1118.65	1118.65	12/10/2016	10:26 AM	SP:1255 SW BLAINE CT		0.001322	1.18E-06	1118.65	
142286	12/10/2016	7:28 AM	ORIENT-ORIENT 13	1	1110.317	1110.317	12/11/2016	1:58 AM	SP:32911 SE HURLBURT RD		0.001312	1.18E-06	1110.317	
145015	12/10/2016	9:26 PM	SYLVAN-BARNES	2	1106.067	2212.133	12/11/2016	3:52 PM	XFM_UG-A 50 40012		0.002614	2.36E-06	1106.067	
144951	12/10/2016	8:52 PM	GLENDOVEER-13597	1	1104.833	1104.833	12/11/2016	3:17 PM	SP:12430 NE GLISAN ST_3		0.001306	1.18E-06	1104.833	
140645	12/9/2016	10:36 PM	GLENCOE-SUNNYSIDE	1	1103.667	1103.667	12/10/2016	4:59 PM	SP:3935 NE COUCH ST		0.001304	1.18E-06	1103.667	
140261	12/9/2016	9:19 PM	GLENCOE-SUNNYSIDE	1	1103.533	1103.533	12/10/2016	3:43 PM	SP:3440 NE PACIFIC ST		0.001304	1.18E-06	1103.533	
138899	12/9/2016	4:30 PM	PLEASANT VALLEY-PLEASANT 13	2	1102.95	2205.9	12/10/2016	10:53 AM	SP:14845 SE FOSTER RD		0.002607	2.36E-06	1102.95	
144473	12/10/2016	3:55 PM	GLENDOVEER-13599	29	1102.467	31971.53	12/11/2016	10:17 AM	SP:430 NE 160TH AVE		0.037783	3.43E-05	1102.467	
138910	12/9/2016	4:31 PM	PLEASANT VALLEY-PLEASANT 13	2	1101.25	2202.5	12/10/2016	10:53 AM	XFM_OH-A 25 63926		0.002603	2.36E-06	1101.25	
143690	12/10/2016	10:47 AM	HOGAN NORTH-HOGAN NORTH 13	3	1097.75	3293.25	12/11/2016	5:05 AM	SP:10771 SE 240TH PL_1		0.003892	3.55E-06	1097.75	
139601	12/9/2016	7:45 PM	ALDER-IRVING	16	1097	17552	12/10/2016	2:02 PM	XFM_OH-B 25 93607		0.020743	1.89E-05	1097	
140268	12/9/2016	9:21 PM	BLUE LAKE-SUNDIAL	1	1096.517	1096.517	12/10/2016	3:38 PM	SP:845 NW DUNBAR AVE		0.001296	1.18E-06	1096.517	
142144	12/10/2016	6:18 AM	URBAN-GAINES	638	1093.733	697801.9	12/11/2016	12:31 AM	RECL:4689		0.824651	0.000754	1093.733	
139478	12/9/2016	6:52 PM	GLENCOE-SUNNYSIDE	1	1092	1092	12/10/2016	1:04 PM	SP:4332 NE COUCH ST		0.001291	1.18E-06	1092	
139477	12/9/2016	6:50 PM	GLENCOE-SUNNYSIDE	1	1091.667	1091.667	12/10/2016	1:02 PM	SP:4005 NE FLANDERS ST		0.00129	1.18E-06	1091.667	
140626	12/9/2016	10:23 PM	SYLVAN-PATTON	1155	1091	1260105	12/10/2016	4:34 PM	RECL:7464		1.489172	0.001365	1091	
139467	12/9/2016	6:44 PM	GLENCOE-SUNNYSIDE	1	1089.65	1089.65	12/10/2016	12:54 PM	SP:508 NE 29TH AVE		0.001288	1.18E-06	1089.65	
139444	12/9/2016	6:43 PM	GLENCOE-SUNNYSIDE	1	1086.6	1086.6	12/10/2016	12:49 PM	SP:846 NE LAURELHURST PL		0.001284	1.18E-06	1086.6	
140807	12/9/2016	10:52 PM	KELLY BUTTE-BINNSMEAD	9	1083.9	9755.1	12/10/2016	4:55 PM	XFM_OH-C 50 32111		0.011528	1.06E-05	1083.9	
139437	12/9/2016	6:41 PM	GLENCOE-SUNNYSIDE	1	1080.983	1080.983	12/10/2016	12:42 PM	SP:736 SE 45TH AVE		0.001277	1.18E-06	1080.983	
139442	12/9/2016	6:42 PM	GLENCOE-SUNNYSIDE	1	1077.467	1077.467	12/10/2016	12:39 PM	SP:4233 SE TAYLOR ST		0.001273	1.18E-06	1077.467	

Attachment A Summary
for outages 5 Hours and Longer PGE Service Territory
December 9-10, 2016

Outage #	Outage Date	Outage Time	Feeder Name	Customers		Customer		Return		Interrupt Location	SAIDI	SAIFI	CAIDI
				Affected	Duration	Minutes	Return Date	Time	Time				
139709	12/9/2016	10:47 PM	KELLY BUTTE-BINNSMEAD	57	1077.333	61408	12/10/2016	4:45 PM	FUSE_OH:D1205A-151 / ABC / 100 A		0.072571	6.74E-05	1077.333
138909	12/9/2016	4:31 PM	HOGAN SOUTH-LAWRENCE	1	1075.017	1075.017	12/10/2016	10:26 AM	SP:1415 SW WALTERS DR		0.00127	1.18E-06	1075.017
143869	12/10/2016	1:42 PM	HOGAN NORTH-HOGAN NORTH 13	4	1071.633	4286.533	12/11/2016	7:33 AM	XFM_OH:C 15 23365		0.005066	4.73E-06	1071.633
140295	12/9/2016	9:33 PM	HEMLOCK-FREMONT	1	1061.183	1061.183	12/10/2016	3:14 PM	SP:1757 NE 162ND AVE		0.001254	1.18E-06	1061.183
144639	12/10/2016	5:22 PM	RIVERVIEW-TERWILLIGER	1	1055.117	1055.117	12/11/2016	10:57 AM	SP:9615 SW VIEW POINT TER		0.001247	1.18E-06	1055.117
140475	12/9/2016	10:01 PM	ROCKWOOD-ROCKWOOD 13	1	1054.667	1054.667	12/10/2016	3:36 PM	SP:17376 NE COUCH ST_1		0.001246	1.18E-06	1054.667
144618	12/10/2016	5:15 PM	RIVERVIEW-TERWILLIGER	1	1054.35	1054.35	12/11/2016	10:49 AM	SP:9510 SW VIEW POINT TER		0.001246	1.18E-06	1054.35
144621	12/10/2016	5:15 PM	RIVERVIEW-TERWILLIGER	6	1053.733	6322.4	12/11/2016	10:49 AM	XFM_OH:C 37.5 5237		0.007472	7.09E-06	1053.733
140290	12/9/2016	9:32 PM	MIDWAY-LYNCH	1	1052.4	1052.4	12/10/2016	3:04 PM	SP:1414 SE 145TH AVE		0.001244	1.18E-06	1052.4
143024	12/10/2016	10:40 AM	KELLY BUTTE-MALL 205	1	1050.667	1050.667	12/11/2016	4:10 AM	SP:11436 SE LINCOLN CT		0.001242	1.18E-06	1050.667
145001	12/10/2016	9:12 PM	SYLVAN-BARNES	1	1045.367	1045.367	12/11/2016	2:38 PM	SP:6690 NW THOMPSON RD		0.001235	1.18E-06	1045.367
139596	12/9/2016	7:42 PM	GLENCOE-SUNNYSIDE	1	1044.783	1044.783	12/10/2016	1:07 PM	SP:4129 NE DAVIS ST		0.001235	1.18E-06	1044.783
144826	12/10/2016	6:47 PM	CENTENNIAL-BRAECROFT	1	1044.217	1044.217	12/11/2016	12:11 PM	SP:1011 SE 175TH PL		0.001234	1.18E-06	1044.217
140604	12/9/2016	10:24 PM	GLENCOE-SUNNYSIDE	1	1042.283	1042.283	12/10/2016	3:46 PM	SP:3602 NE WASCO ST		0.001232	1.18E-06	1042.283
145149	12/11/2016	2:02 AM	BRIGHTWOOD-BRIGHTWOOD 13	1	1037.717	1037.717	12/11/2016	7:19 PM	SP:64040 E BRIGHTWOOD LOOP RD		0.001226	1.18E-06	1037.717
140536	12/9/2016	10:18 PM	RAMAPO-RAMAPO 13	1	1035.4	1035.4	12/10/2016	3:34 PM	SP:6438 SE 122ND AVE		0.001224	1.18E-06	1035.4
144719	12/10/2016	5:34 PM	RIVERVIEW-TERWILLIGER	1	1034.267	1034.267	12/11/2016	10:48 AM	SP:230 SW ALICE ST		0.001222	1.18E-06	1034.267
140482	12/9/2016	10:03 PM	HEMLOCK-MASON	14	1029.9	14418.6	12/10/2016	3:13 PM	FUSE_OH:A12140-6937 / A / 65 A		0.01704	1.65E-05	1029.9
140485	12/9/2016	10:04 PM	HEMLOCK-MASON	71	1027.667	72964.33	12/10/2016	3:12 PM	FUSE_OH:A1319A-1369 / ABC / 40 A		0.086228	8.39E-05	1027.667
145059	12/10/2016	10:05 PM	RIVERVIEW-FULTON	1	1026.183	1026.183	12/11/2016	3:11 PM	SP:868 SW BURLINGAME TER		0.001213	1.18E-06	1026.183
145128	12/11/2016	12:18 AM	HOGAN NORTH-LINKS	1	1023.483	1023.483	12/11/2016	5:21 PM	SP:43199 E LARCH MOUNTAIN RD		0.00121	1.18E-06	1023.483
145030	12/10/2016	9:40 PM	SYLVAN-BARNES	1	1019.967	1019.967	12/11/2016	2:40 PM	SP:7616 NW THOMPSON RD		0.001205	1.18E-06	1019.967
144851	12/10/2016	7:13 PM	TABOR-82ND	1	1018.633	1018.633	12/11/2016	12:12 PM	SP:6031 NE DAVIS ST		0.001204	1.18E-06	1018.633
139665	12/9/2016	8:15 PM	GLENCOE-SUNNYSIDE	1	1014.483	1014.483	12/10/2016	1:09 PM	SP:3214 NE DAVIS ST		0.001199	1.18E-06	1014.483
144946	12/10/2016	8:48 PM	RIVERVIEW-FULTON	1	1010.1	1010.1	12/11/2016	1:38 PM	SP:7214 SW NEVADA TER		0.001194	1.18E-06	1010.1
139770	12/9/2016	8:37 PM	GLENCOE-SUNNYSIDE	1	1007.2	1007.2	12/10/2016	1:24 PM	SP:3944 NE COUCH ST		0.00119	1.18E-06	1007.2
140378	12/9/2016	9:49 PM	GLENCOE-SUNNYSIDE	27	1002.183	27058.95	12/10/2016	2:32 PM	FUSE_OH:A1136A-28 / B / 25 A		0.031978	3.19E-05	1002.183
142073	12/10/2016	5:08 AM	RUBY-CARLINE	1	1001.667	1001.667	12/10/2016	9:50 PM	SP:20121 SE STARK ST_3		0.001184	1.18E-06	1001.667
145047	12/10/2016	9:56 PM	MIDWAY-LYNCH	1	1001.383	1001.383	12/11/2016	2:37 PM	SP:1944 SE 157TH DR		0.001183	1.18E-06	1001.383
140808	12/9/2016	11:18 PM	BORING-TELFORD	1	997.6	997.6	12/10/2016	3:56 PM	SP:10590 SE EASTMONT DR		0.001179	1.18E-06	997.6
139920	12/9/2016	8:47 PM	KELLY BUTTE-MALL 205	1	997.3167	997.3167	12/10/2016	1:24 PM	SP:1610 SE 117TH AVE		0.001179	1.18E-06	997.3167
140650	12/9/2016	10:37 PM	HEMLOCK-FREMONT	1	996.3333	996.3333	12/10/2016	3:13 PM	SP:1801 NE 162ND AVE_3		0.001177	1.18E-06	996.3333
145941	12/11/2016	12:28 PM	ORIENT-23RD	1	989.3167	989.3167	12/12/2016	4:57 AM	SP:31431 SE VICTORY RD		0.001169	1.18E-06	989.3167
140700	12/9/2016	10:52 PM	CANYON-23RD	1	986.65	986.65	12/10/2016	3:19 PM	SP:2351 NW WESTOVER RD_1		0.001166	1.18E-06	986.65
140803	12/9/2016	8:26 PM	KELLY BUTTE-BINNSMEAD	89	981.8333	87383.17	12/10/2016	12:48 PM	FUSE_OH:D12048-20 / AB / 100 A		0.103268	0.000105	981.8333
140266	12/9/2016	9:21 PM	MIDWAY-DIVISION	1	978.5	978.5	12/10/2016	1:39 PM	SP:2305 SE 121ST AVE_1		0.001156	1.18E-06	978.5
145098	12/10/2016	11:09 PM	MIDWAY-DOUGLAS	1	977.5333	977.5333	12/11/2016	3:26 PM	SP:706 SE 136TH AVE		0.001155	1.18E-06	977.5333
141858	12/10/2016	3:40 AM	HOGAN NORTH-LINKS	1	971.25	971.25	12/10/2016	7:51 PM	SP:32720 E BELL RD		0.001148	1.18E-06	971.25
140589	12/9/2016	10:19 PM	CANYON-23RD	1	964.7833	964.7833	12/10/2016	2:24 PM	SP:3025 SW FAIRVIEW BLVD		0.00114	1.18E-06	964.7833
141701	12/10/2016	2:27 AM	PLEASANT VALLEY-PLEASANT 13	2	964	1928	12/10/2016	6:31 PM	SP:13434 SE WIESE RD		0.002278	2.36E-06	964
141702	12/10/2016	2:27 AM	PLEASANT VALLEY-PLEASANT 13	1	964	964	12/10/2016	6:31 PM	SP:13485 SE 222ND DR		0.001139	1.18E-06	964
144253	12/10/2016	3:34 PM	GLENCOE-SUNNYSIDE	1	962.05	962.05	12/11/2016	7:36 AM	SP:3945 NE COUCH ST		0.001137	1.18E-06	962.05
138660	12/9/2016	3:02 PM	CANYON-23RD	1	961.5667	961.5667	12/10/2016	7:04 AM	SP:3200 NW GREENBRIAR TER		0.001136	1.18E-06	961.5667
141127	12/10/2016	12:18 AM	ROCKWOOD-ROCKWOOD 13	1	955.25	955.25	12/10/2016	4:13 PM	SP:17517 NE FLANDERS ST		0.001129	1.18E-06	955.25
145114	12/10/2016	11:58 PM	BETHANY-GERMANTOWN	1	952.1167	952.1167	12/11/2016	3:50 PM	SP:11525 NW SPRINGVILLE RD_1		0.001125	1.18E-06	952.1167
145112	12/10/2016	11:56 PM	HOGAN NORTH-LINKS	4	950.1	3800.4	12/11/2016	3:46 PM	SP:37216 SE RICKERT RD		0.004491	4.73E-06	950.1
140598	12/9/2016	10:23 PM	TABOR-82ND	1	949.05	949.05	12/10/2016	2:12 PM	SP:7272 SE THORBURN ST		0.001122	1.18E-06	949.05
139833	12/9/2016	8:41 PM	KELLY BUTTE-BINNSMEAD	1	943.1167	943.1167	12/10/2016	12:24 PM	SP:1410 SE 88TH AVE		0.001115	1.18E-06	943.1167
145415	12/11/2016	7:33 AM	FAIRVIEW-FAIRVIEW 13	3	942.7833	2828.35	12/11/2016	11:16 PM	XFM_UG:ABC 500 1202		0.003343	3.55E-06	942.7833
140752	12/9/2016	11:06 PM	WELCHES-WELCHES 13	257	941.6167	241995.5	12/10/2016	2:48 PM	FUSE_OH:D2732D-910 / ABC / 100 A		0.285986	0.000304	941.6167
140489	12/9/2016	10:05 PM	HEMLOCK-MASON	136	940.7167	127937.5	12/10/2016	1:46 PM	FUSE_OH:A1320B-59 / B / 65 A		0.151195	0.000161	940.7167
139784	12/9/2016	8:28 PM	SYLVAN-BARNES	3	936.4167	2809.25	12/10/2016	12:04 PM	FUSE_OH:D1106B-6899 / A / 40 A		0.00332	3.55E-06	936.4167
142114	12/10/2016	5:59 AM	GLENDOVEER-13599	1	925.4667	925.4667	12/10/2016	9:25 PM	SP:16805 NE HASSALO ST		0.001094	1.18E-06	925.4667

Attachment A Summary
for outages 5 Hours and Longer PGE Service Territory
December 9-10, 2016

Outage #	Outage Date	Outage Time	Feeder Name	Customers		Customer		Return		Interrupt Location	SAIDI	SAIFI	CAIDI
				Affected	Duration	Minutes	Return Date	Time					
141035	12/10/2016	12:12 AM	GLENCOE-SUNNYSIDE	30	925.3667	27761	12/10/2016	3:38 PM	FUSE_OH:A1136A-100 / ABC / 65 A	0.032808	3.55E-05	925.3667	
144181	12/10/2016	3:07 PM	ALDER-IRVING	1	918.7333	918.7333	12/11/2016	6:25 AM	SP:1111 NE 37TH AVE	0.001086	1.18E-06	918.7333	
140954	12/9/2016	11:53 PM	MIDWAY-DOUGLAS	1	916.9	916.9	12/10/2016	3:10 PM	SP:1033 SE 144TH AVE	0.001084	1.18E-06	916.9	
142128	12/10/2016	6:15 AM	MIDWAY-LYNCH	1	913.7167	913.7167	12/10/2016	9:29 PM	SP:2125 SE 141ST AVE	0.00108	1.18E-06	913.7167	
140978	12/10/2016	12:00 AM	MIDWAY-DOUGLAS	201	910.0667	182923.4	12/10/2016	3:10 PM	FUSE_OH:D1201A-191 / ABC / 65 A	0.216176	0.000238	910.0667	
140522	12/9/2016	10:13 PM	TABOR-82ND	1	907.6833	907.6833	12/10/2016	1:20 PM	SP:6031 NE DAVIS ST	0.001073	1.18E-06	907.6833	
140686	12/9/2016	10:48 PM	GLENDOVEER-13597	37	904.5667	33468.97	12/10/2016	1:52 PM	SP:12430 NE GLISAN ST_2	0.039553	4.37E-05	904.5667	
140481	12/9/2016	10:03 PM	HEMLOCK-MASON	156	903.0667	140878.4	12/10/2016	1:06 PM	FUSE_OH:A1320A-12 / B / 100 A	0.166488	0.000184	903.0667	
142185	12/10/2016	6:33 AM	MIDWAY-LYNCH	1	895.6167	895.6167	12/10/2016	9:29 PM	SP:2327 SE 141ST AVE	0.001058	1.18E-06	895.6167	
140951	12/9/2016	11:49 PM	GLENCULLEN-BRIDLEMILE	20	895.2333	17904.67	12/10/2016	2:45 PM	FUSE_OH:D1116A-41 / B / 65 A	0.021159	2.36E-05	895.2333	
137983	12/9/2016	12:23 AM	GRAND RONDE-AGENCY	1	893.85	893.85	12/9/2016	3:17 PM	SP:50005 SW HEBRO RD	0.001056	1.18E-06	893.85	
140711	12/9/2016	10:55 PM	ROCKWOOD-REYNOLDS	116	890.8833	103342.5	12/10/2016	1:46 PM	FUSE_OH:A1329C-1289 / ABC / 100 A	0.122129	0.000137	890.8833	
144029	12/10/2016	2:17 PM	MULTNOMAH-13176	13	887.7833	11541.18	12/11/2016	5:05 AM	XFM_OH:B 50 3289	0.013639	1.54E-05	887.7833	
142310	12/10/2016	7:34 AM	FAIRVIEW-FAIRVIEW 13	1	884.4333	884.4333	12/10/2016	10:19 PM	SP:405 LINCOLN ST	0.001045	1.18E-06	884.4333	
140680	12/9/2016	10:47 PM	GLENDOVEER-CLIFFGATE	1	882.3167	882.3167	12/10/2016	1:29 PM	SP:12635 NE SCHUYLER ST	0.001043	1.18E-06	882.3167	
138890	12/9/2016	4:26 PM	GLENDOVEER-13599	1	881.35	881.35	12/10/2016	7:08 AM	SP:16308 NE EVERETT CT	0.001042	1.18E-06	881.35	
142248	12/10/2016	7:10 AM	FAIRVIEW-FAIRVIEW 13	1	881.2	881.2	12/10/2016	9:52 PM	SP:20650 NE HALSEY ST_6	0.001041	1.18E-06	881.2	
141119	12/10/2016	12:34 AM	ALDER-IRVING	1	879.8	879.8	12/10/2016	3:14 PM	SP:3356 NE PACIFIC ST	0.00104	1.18E-06	879.8	
144903	12/10/2016	8:06 PM	HOGAN NORTH-LINKS	1	879.5833	879.5833	12/11/2016	10:45 AM	SP:36411 NE CHAMBERLAIN RD	0.001039	1.18E-06	879.5833	
143854	12/10/2016	2:51 AM	MIDWAY-DOUGLAS	57	878.8167	50092.55	12/10/2016	5:30 PM	FUSE_OH:D1202D-6322 / C / 65 A	0.059199	6.47E-05	878.8167	
141720	12/10/2016	2:41 AM	CANYON-CANYON 13	3	877.4667	32466.27	12/10/2016	5:18 PM	FUSE_OH:D1108A-40 / AC / 25 A	0.038368	4.37E-05	877.4667	
141727	12/10/2016	2:42 AM	CANYON-CANYON 13	9	876.95	7892.55	12/10/2016	5:18 PM	XFM_OH:C 37.5 2527	0.009327	1.06E-05	876.95	
142268	12/10/2016	7:22 AM	SANDY-WILDCAT	1	876.6333	876.6333	12/10/2016	9:59 PM	SP:38677 SE WILDCAT MOUNTAIN DR	0.001036	1.18E-06	876.6333	
146299	12/11/2016	4:52 PM	ROCKWOOD-WILKES	1	873.1667	873.1667	12/12/2016	7:25 AM	SP:19061 NE WILKES RD	0.001032	1.18E-06	873.1667	
145398	12/11/2016	7:24 AM	HOGAN NORTH-LINKS	1	871.9167	871.9167	12/11/2016	9:56 PM	SP:38137 SE HOWARD RD	0.00103	1.18E-06	871.9167	
143554	12/10/2016	3:47 AM	ORIENT-ORIENT 13	7	870.8667	6096.067	12/10/2016	6:18 PM	SP:32408 SE OXBOW DR	0.007204	8.27E-06	870.8667	
144983	12/10/2016	8:56 PM	BORING-TELFORD	1	869.4	869.4	12/11/2016	11:25 AM	SP:11650 SE WILDWOOD DR	0.001027	1.18E-06	869.4	
145411	12/11/2016	7:30 AM	FAIRVIEW-WOOD VILLAGE	1	869.2667	869.2667	12/11/2016	9:59 PM	SP:103 ASH AVE	0.001027	1.18E-06	869.2667	
142423	12/10/2016	7:57 AM	ARLETA-HAROLD	1	867.3	867.3	12/10/2016	10:25 PM	SP:7015 SE MITCHELL CT	0.001025	1.18E-06	867.3	
142512	12/10/2016	8:14 AM	GLENDOVEER-13596	1	861.3667	861.3667	12/10/2016	10:35 PM	SP:2929 NE 123RD AVE	0.001018	1.18E-06	861.3667	
144126	12/10/2016	2:42 PM	ALDER-IRVING	1	860.8667	860.8667	12/11/2016	5:03 AM	SP:3155 NE EVERETT ST	0.001017	1.18E-06	860.8667	
142089	12/10/2016	5:29 AM	DELAWARE-DENVER	1	860.7833	860.7833	12/10/2016	7:50 PM	SP:2406 N HOLMAN ST	0.001017	1.18E-06	860.7833	
138258	12/9/2016	9:51 AM	RAMAPO-GILBERT	1	854.8333	854.8333	12/10/2016	12:06 AM	SP:13949 SE CENTER ST	0.00101	1.18E-06	854.8333	
138866	12/9/2016	4:19 PM	BLUE LAKE-BLUE LAKE 13	1	851.8167	851.8167	12/10/2016	6:31 AM	SP:5501 NE 223RD AVE_2	0.001007	1.18E-06	851.8167	
140964	12/10/2016	12:00 AM	CENTENNIAL-BARKER	1	849.8667	849.8667	12/10/2016	2:10 PM	SP:2669 SE 162ND AVE	0.001004	1.18E-06	849.8667	
142193	12/10/2016	6:38 AM	GLENDOVEER-NORTHEAST	1	845.8167	845.8167	12/10/2016	8:43 PM	SP:3609 NE 147TH AVE	0.001	1.18E-06	845.8167	
145421	12/11/2016	7:49 AM	HOGAN NORTH-LINKS	1	844.6	844.6	12/11/2016	9:54 PM	SP:37841 SE HOWARD RD	0.000998	1.18E-06	844.6	
141009	12/10/2016	12:07 AM	RAMAPO-GILBERT	1	844.5167	844.5167	12/10/2016	2:11 PM	SP:12432 SE HOGGATE BLVD	0.000998	1.18E-06	844.5167	
145161	12/11/2016	3:32 AM	HOGAN SOUTH-PAROPA	249	844.1167	210185	12/11/2016	5:36 PM	FUSE_OH:D1313B-1702 / ABC / 65 A	0.248393	0.000294	844.1167	
141030	12/10/2016	12:12 AM	HEMLOCK-HEMLOCK 13	1	841	841	12/10/2016	2:13 PM	SP:3631 NE 156TH AVE	0.000994	1.18E-06	841	
145003	12/10/2016	9:14 PM	SYLVAN-BARNES	1	836.95	836.95	12/11/2016	11:11 AM	SP:7632 NW THOMPSON RD	0.000989	1.18E-06	836.95	
142559	12/10/2016	8:27 AM	CANYON-23RD	1	836.1	836.1	12/10/2016	10:23 PM	SP:Null_2	0.000988	1.18E-06	836.1	
138131	12/9/2016	8:30 AM	SPRINGBROOK-FERNWOOD	2	834	1668	12/9/2016	10:24 PM	XFM_OH:A 25 74638	0.001971	2.36E-06	834	
145029	12/10/2016	9:38 PM	HOGAN NORTH-LINKS	1	830.0833	830.0833	12/11/2016	11:28 AM	SP:41401 E LARCH MOUNTAIN RD	0.000981	1.18E-06	830.0833	
144924	12/10/2016	8:18 PM	COLTON-DHOOGHE	1	826.9833	826.9833	12/11/2016	10:04 AM	XFM_OH:C 15 1817	0.000977	1.18E-06	826.9833	
144920	12/10/2016	8:18 PM	COLTON-DHOOGHE	2	826.6	1653.2	12/11/2016	10:04 AM	SP:18055 S CALLAHAN RD	0.001954	2.36E-06	826.6	
142514	12/10/2016	8:11 AM	HOGAN SOUTH-PAROPA	54	825.6167	44583.3	12/10/2016	9:56 PM	FUSE_OH:D1313A-1290 / C / 100 A	0.052688	6.38E-05	825.6167	
142265	12/10/2016	7:20 AM	SYLVAN-PATTON	1	816.3833	816.3833	12/10/2016	8:57 PM	SP:230 NW HILLTOP DR	0.000965	1.18E-06	816.3833	
144914	12/10/2016	8:14 PM	COLTON-DHOOGHE	9	816.35	7347.15	12/11/2016	9:50 AM	FUSE_OH:D5320B-245 / C / 6 A	0.008683	1.06E-05	816.35	
140806	12/9/2016	10:16 PM	KELLY BUTTE-BINNSMEAD	173	814.85	140969.1	12/10/2016	11:51 AM	FUSE_OH:D1204B-12 / ABC / 100 A	0.166595	0.000204	814.85	
139790	12/9/2016	8:39 PM	GLENCOE-GLISAN	1	810.8333	810.8333	12/10/2016	10:10 AM	SP:4314 NE HOYT ST	0.000958	1.18E-06	810.8333	
143621	12/10/2016	12:35 PM	ORIENT-ORIENT 13	1	806.6	806.6	12/11/2016	2:01 AM	SP:35708 SE HURLBURT RD	0.000953	1.18E-06	806.6	
145039	12/10/2016	9:49 PM	SYLVAN-BARNES	1	801.9167	801.9167	12/11/2016	11:11 AM	SP:2939 NW 53RD DR	0.000948	1.18E-06	801.9167	

Attachment A Summary
for outages 5 Hours and Longer PGE Service Territory
December 9-10, 2016

Outage #	Outage Date	Outage Time	Feeder Name	Customers		Customer		Return		Interrupt Location	SAIDI	SAIFI	CAIDI
				Affected	Duration	Minutes	Return Date	Time	Time				
139737	12/9/2016	8:33 PM	DELAWARE-INTERSTATE	62	794.2167	49241.43	12/10/2016	9:48 AM	FUSE_OH:A1109D-304 / C / 65 A		0.058193	7.33E-05	794.2167
142196	12/10/2016	6:41 AM	FAIRVIEW-FAIRVIEW 13	78	793.2333	61872.2	12/10/2016	7:55 PM	FUSE_OH:A1327C-82 / C / 100 A		0.07312	9.22E-05	793.2333
142809	12/10/2016	2:38 AM	ORIENT-BARLOW	1	785.5833	785.5833	12/10/2016	3:43 PM	FUSE_OH:D1420C-1607 / B / 6 A		0.000928	1.18E-06	785.5833
141259	12/10/2016	1:12 AM	TABOR-TABOR 13	1	782.4833	782.4833	12/10/2016	2:15 PM	SP-2323 SE 54TH AVE		0.000925	1.18E-06	782.4833
140805	12/9/2016	10:18 PM	KELLY BUTTE-BINNSMEAD	80	780.4667	62437.33	12/10/2016	11:18 AM	FUSE_OH:D1204B-78 / A / 65 A		0.073787	9.45E-05	780.4667
140590	12/9/2016	10:19 PM	RIVERVIEW-FULTON	2	778.65	1557.3	12/10/2016	11:18 AM	SP:6415 SW TERWILLIGER BLVD		0.00184	2.36E-06	778.65
145158	12/11/2016	3:00 AM	HOLGATE-BYBEE	57	777.8	44334.6	12/11/2016	3:58 PM	XFM_UG:C 75 4944		0.052394	6.74E-05	777.8
140840	12/9/2016	11:12 PM	ORIENT-ORIENT 13	1	775.7333	775.7333	12/10/2016	12:07 PM	SP:31847 SE LUSTED RD_1		0.000917	1.18E-06	775.7333
140628	12/9/2016	10:23 PM	GLENDOVEER-CLIFFGATE	269	774.85	208434.7	12/10/2016	11:17 AM	FUSE_OH:A1226A-1806 / ABC / 100 A		0.246325	0.000318	774.85
142813	12/10/2016	2:38 AM	ORIENT-BARLOW	1	769.1333	769.1333	12/10/2016	3:27 PM	XFM_OH:C 25 24908		0.000909	1.18E-06	769.1333
141326	12/10/2016	1:56 AM	GLENDOVEER-13599	100	760.4667	76046.67	12/10/2016	2:37 PM	FUSE_OH:A1236D-1868 / A / 100 A		0.089871	0.000118	760.4667
146672	12/11/2016	10:54 PM	HOGAN NORTH-LINKS	1	759.9333	759.9333	12/12/2016	11:34 AM	SP:43120 SE DEVERELL RD		0.000898	1.18E-06	759.9333
141303	12/10/2016	1:39 AM	GLENDOVEER-CLIFFGATE	1	759.4	759.4	12/10/2016	2:18 PM	SP:4012 NE 133RD AVE		0.000897	1.18E-06	759.4
144866	12/10/2016	7:30 PM	TABOR-82ND	1	757.5167	757.5167	12/11/2016	8:07 AM	SP:6623 SE STARK ST		0.000895	1.18E-06	757.5167
146460	12/11/2016	6:41 PM	ORIENT-BARLOW	1	756.9333	756.9333	12/12/2016	7:18 AM	SP:4340 SE 302ND AVE		0.000895	1.18E-06	756.9333
140823	12/9/2016	11:18 PM	DELAWARE-DENVER	2	752.6333	1505.267	12/10/2016	11:50 AM	SP:1329 N SKIDMORE ST		0.001779	2.36E-06	752.6333
138034	12/9/2016	4:21 AM	GRAND RONDE-AGENCY	97	751.6667	72911.67	12/9/2016	4:53 PM	FUSE_OH:C6802B-1 / AC / 40 A		0.086166	0.000115	751.6667
141755	12/10/2016	2:46 AM	ALDER-IRVING	1	749.1667	749.1667	12/10/2016	3:15 PM	SP:3306 NE PACIFIC ST		0.000885	1.18E-06	749.1667
145696	12/11/2016	10:12 AM	BORING-282ND	1	745.75	745.75	12/11/2016	10:38 PM	SP:29143 SE LUSTED RD		0.000881	1.18E-06	745.75
141247	12/10/2016	12:55 AM	DELAWARE-LOMBARD	2	745.2667	1490.533	12/10/2016	1:20 PM	SP:8019 N CHAUTAUQUA BLVD		0.001761	2.36E-06	745.2667
142118	12/10/2016	5:55 AM	WELCHES-ZIG ZAG	6	745	4470	12/10/2016	6:20 PM	FUSE_OH:D2723D-803 / C / 10 A		0.005283	7.09E-06	745
139436	12/9/2016	6:41 PM	GLENCOE-SUNNYSIDE	1	743.6333	743.6333	12/10/2016	7:05 AM	SP:4118 NE SENATE ST		0.000879	1.18E-06	743.6333
142900	12/10/2016	10:06 AM	GLENDOVEER-13596	1	741.2833	741.2833	12/10/2016	10:27 PM	SP:12546 NE KNOTT ST		0.000876	1.18E-06	741.2833
143851	12/10/2016	7:03 AM	MIDWAY-DOUGLAS	76	740.9333	56310.93	12/10/2016	7:24 PM	FUSE_OH:D1201B-1634 / AB / 100 A		0.066547	8.98E-05	740.9333
142811	12/10/2016	2:38 AM	ORIENT-BARLOW	1	740	740	12/10/2016	2:58 PM	FUSE_OH:D1420D-952 / B / 6 A		0.000875	1.18E-06	740
142812	12/10/2016	2:38 AM	ORIENT-BARLOW	3	740	2220	12/10/2016	2:58 PM	XFM_OH:B 25 79100		0.002624	3.55E-06	740
142815	12/10/2016	2:38 AM	ORIENT-BARLOW	3	740	2220	12/10/2016	2:58 PM	XFM_OH:B 25 38794		0.002624	3.55E-06	740
142820	12/10/2016	2:38 AM	ORIENT-BARLOW	3	740	2220	12/10/2016	2:58 PM	XFM_OH:B 15 65419		0.002624	3.55E-06	740
141290	12/10/2016	1:27 AM	ROCKWOOD-REYNOLDS	5	739	3695	12/10/2016	1:46 PM	XFM_OH:C 25 99714		0.004367	5.91E-06	739
142817	12/10/2016	2:40 AM	ORIENT-BARLOW	1	738	738	12/10/2016	2:58 PM	XFM_OH:B 10 26003		0.000872	1.18E-06	738
141966	12/10/2016	4:13 AM	TABOR-82ND	25	732.65	18316.25	12/10/2016	4:26 PM	FUSE_OH:D1205B-92 / B / 40 A		0.021646	2.95E-05	732.65
140901	12/9/2016	11:40 PM	DELAWARE-DENVER	1	730.15	730.15	12/10/2016	11:50 AM	SP:1329 N SKIDMORE ST		0.000863	1.18E-06	730.15
136251	12/8/2016	8:01 AM	ST MARYS EAST-BUTNER	47	730	21614	12/8/2016	8:11 PM	FUSE_OH:C1109A-4070 / C / 100 A		0.025543	5.55E-05	459.8723
138884	12/9/2016	4:16 PM	GLENCOE-GLISAN	267	727	194109	12/10/2016	4:23 AM	FUSE_OH:A1231B-51 / ABC / 100 A		0.229395	0.000316	727
140601	12/9/2016	10:23 PM	CENTENNIAL-BRAECROFT	2023	724.1167	1464888	12/10/2016	10:28 AM	BKR:CENTENNIAL R118		1.731182	0.002391	724.1167
138450	12/9/2016	12:11 PM	RALEIGH HILLS-OLESON	62	721.65	44742.3	12/10/2016	12:12 AM	FUSE_OH:D1107C-4430 / C / 40 A		0.052876	7.33E-05	721.65
142633	12/10/2016	8:49 AM	GLENDOVEER-CLIFFGATE	15	717	10755	12/10/2016	8:46 PM	XFM_OH:C 37.5 3168		0.01271	1.77E-05	717
140728	12/9/2016	10:58 PM	PLEASANT VALLEY-PLEASANT 13	1	715.7333	715.7333	12/10/2016	10:54 AM	SP:15007 SE FOSTER RD		0.000846	1.18E-06	715.7333
145396	12/11/2016	7:22 AM	HOGAN NORTH-LINKS	1	709.7167	709.7167	12/11/2016	7:11 PM	SP:43144 SE DEVERELL RD		0.000839	1.18E-06	709.7167
142387	12/10/2016	7:47 AM	TABOR-82ND	1	709.3	709.3	12/10/2016	7:36 PM	SP:6687 SE SCOTT DR		0.000838	1.18E-06	709.3
138734	12/9/2016	3:44 PM	HOGAN NORTH-HOGAN NORTH 13	305	703.0167	214420.1	12/10/2016	3:27 AM	FUSE_OH:D1327A-2 / ABC / 65 A		0.253398	0.00036	703.0167
141721	12/10/2016	2:41 AM	ORIENT-BARLOW	1	702.6167	702.6167	12/10/2016	2:23 PM	SP:8975 SE ORIENT DR		0.00083	1.18E-06	702.6167
145234	12/11/2016	5:23 AM	GLENDOVEER-13596	1	696.35	696.35	12/11/2016	4:59 PM	SP:12619 NE RUSSELL ST		0.000823	1.18E-06	696.35
140327	12/9/2016	9:43 PM	KELLY BUTTE-MALL 205	1	693.2167	693.2167	12/10/2016	9:16 AM	SP:2126 SE 103RD DR		0.000819	1.18E-06	693.2167
144746	12/10/2016	5:47 PM	SYLVAN-BARNES	1	689.6333	689.6333	12/11/2016	5:17 AM	SP:6043 SW TAYLOR ST		0.000815	1.18E-06	689.6333
139590	12/9/2016	7:39 PM	GLENCULLEN-BRIDLEMILE	1	686.5167	686.5167	12/10/2016	7:05 AM	SP:3070 SW FAIRMOUNT BLVD		0.000811	1.18E-06	686.5167
138847	12/9/2016	4:04 PM	ST MARYS EAST-MILLIKAN	78	686.1167	53517.1	12/10/2016	3:30 AM	XFM_UG:B 167 1914		0.063246	9.22E-05	686.1167
145832	12/11/2016	11:43 AM	ORIENT-BARLOW	84	684.9	57531.6	12/11/2016	11:08 PM	FUSE_OH:D1408B-2062 / ABC / 65 A		0.06799	9.93E-05	684.9
141859	12/10/2016	3:41 AM	MIDWAY-LYNCH	1	682.1833	682.1833	12/10/2016	3:03 PM	SP:2125 SE 141ST AVE		0.000806	1.18E-06	682.1833
141975	12/10/2016	4:17 AM	HOGAN NORTH-SALQUIST	1	679.3333	679.3333	12/10/2016	3:36 PM	SP:758 SE LAMBERT CIR		0.000803	1.18E-06	679.3333
145474	12/11/2016	8:28 AM	HEMLOCK-HEMLOCK 13	2	677.2333	1354.467	12/11/2016	7:46 PM	SP:14200 NE SANDY BLVD		0.001601	2.36E-06	677.2333
141213	12/10/2016	1:00 AM	URBAN-GAINES	1	676.8167	676.8167	12/10/2016	12:17 PM	SP:1033 SW GIBBS ST		0.0008	1.18E-06	676.8167
135990	12/8/2016	12:58 AM	CEDAR HILLS-LEAHY	10	675.1667	675.1667	12/8/2016	12:14 PM	XFM_OH:A 37.5 3450		0.007979	1.18E-05	675.1667

Attachment A Summary
for outages 5 Hours and Longer PGE Service Territory
December 9-10, 2016

Outage #	Outage Date	Outage Time	Feeder Name	Customers Affected	Customer		Return		Interrupt Location	SAIDI	SAIFI	CAIDI
					Duration	Minutes	Return Date	Time				
142160	12/10/2016	6:27 AM	CENTENNIAL-BRAECROFT	1	673.5833	673.5833	12/10/2016	5:41 PM	SP:17444 SE WASHINGTON CT	0.000796	1.18E-06	673.5833
142969	12/10/2016	10:23 AM	BETHANY-GERMANTOWN	1	670.5833	670.5833	12/10/2016	9:33 PM	SP:11902 NW TUALATIN AVE	0.000792	1.18E-06	670.5833
145443	12/11/2016	8:09 AM	GLENDOVEER-CLIFFGATE	1	670.2667	670.2667	12/11/2016	7:19 PM	SP:3609 NE 147TH AVE	0.000792	1.18E-06	670.2667
145444	12/11/2016	8:09 AM	GLENDOVEER-NORTHEAST	1	668.3667	668.3667	12/11/2016	7:17 PM	SP:1551 NE 129TH PL	0.00079	1.18E-06	668.3667
145711	12/11/2016	10:37 AM	MIDWAY-DIVISION	10	664.6	664.6	12/11/2016	9:42 PM	XFM_OH:C 50 4242	0.007854	1.18E-05	664.6
141797	12/10/2016	3:21 AM	ROCKWOOD-ROCKWOOD 13	1	663.25	663.25	12/10/2016	2:25 PM	SP:Null_18	0.000784	1.18E-06	663.25
141283	12/10/2016	1:20 AM	ORIENT-ORIENT 13	2	662.5167	1325.033	12/10/2016	12:22 PM	SP:31904 SE LUSTED RD	0.001566	2.36E-06	662.5167
142853	12/10/2016	9:50 AM	GLENDOVEER-13598	1	658.3167	658.3167	12/10/2016	8:48 PM	SP:15850 NE GLISAN ST_1	0.000778	1.18E-06	658.3167
140479	12/9/2016	10:03 PM	FAIRVIEW-FAIRVIEW 13	1	650.15	650.15	12/10/2016	8:53 AM	SP:130 4TH ST	0.000768	1.18E-06	650.15
138730	12/9/2016	3:39 PM	GLENCULLEN-BRIDLEMILE	1	646.4167	646.4167	12/10/2016	2:25 AM	SP:3135 SW FAIRMOUNT BLVD	0.000764	1.18E-06	646.4167
142271	12/10/2016	7:23 AM	CURTIS-CURTIS 13	1	641.4167	641.4167	12/10/2016	6:04 PM	SP:2120 N MCCLELLAN ST	0.000758	1.18E-06	641.4167
145241	12/11/2016	5:42 AM	GLENDOVEER-13596	9	638.1333	5743.2	12/11/2016	4:20 PM	XFM_OH:C 37.5 2813	0.006787	1.06E-05	638.1333
141865	12/10/2016	3:49 AM	CENTENNIAL-TREELAND	1	636	636	12/10/2016	2:25 PM	SP:15424 SE RHONE CT	0.000752	1.18E-06	636
138600	12/9/2016	2:29 PM	TABOR-TABOR 13	1	631.2167	631.2167	12/10/2016	1:00 AM	SP:1048 SE 55TH AVE	0.000746	1.18E-06	631.2167
139867	12/9/2016	8:43 PM	HOGAN NORTH-HOGAN NORTH 13	305	627.55	191402.8	12/10/2016	7:11 AM	FUSE_OH:D1327A-2 / ABC / 65 A	0.226197	0.00036	627.55
141921	12/10/2016	3:53 AM	RUBY-CARLINE	6	624.85	3749.1	12/10/2016	2:17 PM	XFM_UG:C 25 70113	0.004431	7.09E-06	624.85
141892	12/10/2016	3:54 AM	RUBY-CARLINE	8	624	4992	12/10/2016	2:18 PM	XFM_OH:C 25 15168	0.005899	9.45E-06	624
141879	12/10/2016	3:53 AM	HARBORTON-LINTON	1	623.85	623.85	12/10/2016	2:17 PM	SP:6163 NW SALTZMAN RD	0.000737	1.18E-06	623.85
139738	12/9/2016	8:34 PM	GLENCOE-GLISAN	1	623.2167	623.2167	12/10/2016	6:57 AM	SP:837 NE 44TH AVE	0.000737	1.18E-06	623.2167
141770	12/10/2016	2:59 AM	HEMLOCK-FREMONT	58	621.2667	36033.47	12/10/2016	1:21 PM	FUSE_OH:A1225A-390 / C / 100 A	0.042584	6.85E-05	621.2667
145914	12/11/2016	11:14 AM	SYLVAN-BARNES	1	621	621	12/11/2016	9:35 PM	SP:3355 NW FOREST LN	0.000734	1.18E-06	621
140696	12/9/2016	10:52 PM	FAIRVIEW-FAIRVIEW 13	1	618.8667	618.8667	12/10/2016	9:10 AM	SP:20112 NE THOMPSON ST #15	0.000731	1.18E-06	618.8667
141782	12/10/2016	3:03 AM	HEMLOCK-FREMONT	1	618	618	12/10/2016	1:21 PM	SP:2936 NE 162ND AVE	0.00073	1.18E-06	618
140997	12/10/2016	12:04 AM	PORTSMOUTH-WILLIS	16	616.5167	9864.267	12/10/2016	10:21 AM	XFM_OH:A 50 15212	0.011657	1.89E-05	616.5167
140661	12/9/2016	10:43 PM	FAIRVIEW-FAIRVIEW 13	1	615.5667	615.5667	12/10/2016	8:59 AM	SP:25 6TH ST	0.000727	1.18E-06	615.5667
143054	12/10/2016	10:46 AM	WELCHES-ZIG ZAG	2	611.4333	1222.867	12/10/2016	8:57 PM	SP:22745 E LOLO PASS RD	0.001445	2.36E-06	611.4333
141324	12/10/2016	1:44 AM	ORIENT-ORIENT 13	1	606.1	606.1	12/10/2016	11:50 AM	SP:32334 SE LUSTED RD	0.000716	1.18E-06	606.1
143081	12/10/2016	10:50 AM	ORIENT-BARLOW	1	605.9667	605.9667	12/10/2016	8:56 PM	SP:3122 SE 287TH AVE	0.000716	1.18E-06	605.9667
140850	12/9/2016	10:43 PM	FAIRVIEW-FAIRVIEW 13	1	604.5167	604.5167	12/10/2016	8:48 AM	SP:505 HARRISON ST	0.000714	1.18E-06	604.5167
136127	12/8/2016	4:50 AM	COLTON-GRAYS HILL	51	603	18349	12/8/2016	2:53 PM	FUSE_OH:D4429A-552 / A / 40 A	0.021685	6.03E-05	359.7843
139180	12/9/2016	5:28 PM	HOGAN NORTH-HOGAN NORTH 13	243	600.7167	145974.1	12/10/2016	3:28 AM	FUSE_OH:D1327A-2 / ABC / 65 A	0.17251	0.000287	600.7167
141699	12/10/2016	2:25 AM	NORTHERN-11009	1	599.1667	599.1667	12/10/2016	12:24 PM	SP:7610 N SYRACUSE ST	0.000708	1.18E-06	599.1667
142462	12/10/2016	8:02 AM	HOGAN SOUTH-PAROPA	1	597.95	597.95	12/10/2016	6:00 PM	SP:10 NE WILLIAMS RD	0.000707	1.18E-06	597.95
141981	12/10/2016	4:17 AM	ROCKWOOD-REYNOLDS	173	596.7	103229.1	12/10/2016	2:13 PM	FUSE_OH:A1329C-1287 / AC / 100 A	0.121995	0.000204	596.7
145802	12/11/2016	11:23 AM	CANYON-23RD	1	595.7167	595.7167	12/11/2016	9:19 PM	PM:133154611	0.000704	1.18E-06	595.7167
141413	12/10/2016	2:27 AM	URBAN-GAINES	1	590.9667	590.9667	12/10/2016	12:18 PM	SP:1124 SW GIBBS ST	0.000698	1.18E-06	590.9667
145252	12/11/2016	5:56 AM	REDLAND-REDLAND 13	54	590.55	31889.7	12/11/2016	3:46 PM	FUSE_OH:D2234B-180 / B / 65 A	0.037687	6.38E-05	590.55
140168	12/9/2016	9:12 PM	GLENCOE-GLISAN	1	590.4167	590.4167	12/10/2016	7:02 AM	SP:4247 NE GLISAN ST	0.000698	1.18E-06	590.4167
140217	12/9/2016	9:16 PM	GLENCULLEN-BRIDLEMILE	1	589.3333	589.3333	12/10/2016	7:06 AM	SP:3046 SW FAIRMOUNT BLVD	0.000694	1.18E-06	589.3333
137968	12/8/2016	11:24 PM	GARDEN HOME-MCKAY	1	587.1	587.1	12/9/2016	9:11 AM	SP:7455 SW 78TH AVE	0.000694	1.18E-06	587.1
139355	12/9/2016	5:25 PM	HOGAN NORTH-HOGAN NORTH 13	243	584.7333	142090.2	12/10/2016	3:10 AM	FUSE_OH:D1327A-2 / ABC / 65 A	0.16792	0.000287	584.7333
140664	12/9/2016	10:44 PM	FAIRVIEW-FAIRVIEW 13	1	579.75	579.75	12/10/2016	8:24 AM	SP:650 MAIN ST	0.000685	1.18E-06	579.75
142405	12/10/2016	7:52 AM	PLEASANT VALLEY-PLEASANT 13	2	577.5167	1155.033	12/10/2016	5:29 PM	SP:22612 SE BOHNA PARK RD	0.001365	2.36E-06	577.5167
145652	12/11/2016	9:41 AM	FAIRVIEW-TROUTDALE	1	577.3167	577.3167	12/11/2016	7:18 PM	SP:118 ELM AVE	0.000682	1.18E-06	577.3167
145240	12/11/2016	5:40 AM	GLENDOVEER-13599	1	575.7833	575.7833	12/11/2016	3:16 PM	SP:15850 NE GLISAN ST_1	0.00068	1.18E-06	575.7833
142640	12/10/2016	8:55 AM	PLEASANT VALLEY-PLEASANT 13	1	575.4667	575.4667	12/10/2016	6:31 PM	SP:13501 SE 222ND DR	0.00068	1.18E-06	575.4667
141319	12/10/2016	1:46 AM	GLENDOVEER-CLIFFGATE	1	574.7667	574.7667	12/10/2016	11:20 AM	SP:14019 NE BRAZEE ST	0.000679	1.18E-06	574.7667
143206	12/10/2016	11:18 AM	ORIENT-BARLOW	1	573.6167	573.6167	12/10/2016	8:52 PM	SP:8008 SE TETON DR	0.000678	1.18E-06	573.6167
143724	12/10/2016	1:06 PM	GLENDOVEER-13599	1	570.7167	570.7167	12/10/2016	10:37 PM	SP:236 SE 139TH AVE	0.000674	1.18E-06	570.7167
145125	12/11/2016	12:09 AM	KELLY BUTTE-FAIRLAWN	1	570.3	570.3	12/11/2016	9:39 AM	SP:8516 SE MAIN ST	0.000674	1.18E-06	570.3
136973	12/8/2016	12:43 PM	REDLAND-REDLAND 13	2	569.5833	1139.167	12/8/2016	10:13 PM	SP:16653 S BECKMAN RD	0.001346	2.36E-06	569.5833
145446	12/11/2016	8:10 AM	HOGAN NORTH-LINKS	1	569.0667	569.0667	12/11/2016	5:39 PM	SP:600 SE POUNDER RD	0.000673	1.18E-06	569.0667
145491	12/11/2016	8:40 AM	SULLIVAN-SALAMO	31	568.45	17621.95	12/11/2016	6:09 PM	FUSE_OH:D2127C-3083 / C / 40 A	0.020825	3.66E-05	568.45

Attachment A Summary
for outages 5 Hours and Longer PGE Service Territory
December 9-10, 2016

Outage #	Outage Date	Outage Time	Feeder Name	Customers			Customer		Return		Interrupt Location	SAIDI	SAIFI	CAIDI
				Affected	Duration	Minutes	Return Date	Time	Time					
138067	12/9/2016	5:22 AM	CEDAR HILLS-LEAHY	56	566.9333	31748.27	12/9/2016	2:49 PM	SP:8212 SW BARNES RD		0.03752	6.62E-05	566.9333	
140852	12/9/2016	11:32 PM	FAIRVIEW-FAIRVIEW 13	1	563.1	563.1	12/10/2016	8:55 AM	SP:225 HARRISON ST		0.000665	1.18E-06	563.1	
146074	12/11/2016	1:52 PM	GLENDOVEER-13597	1	563	563	12/11/2016	11:15 PM	SP:13055 SE STARK ST		0.000665	1.18E-06	563	
199306	12/9/2016	5:48 PM	CENTENNIAL-BRAECROFT	117	562.6333	65828.1	12/10/2016	3:11 AM	FUSE_OH:D1306A-51 / ABC / 65 A		0.077795	0.000138	562.6333	
145731	12/11/2016	10:50 AM	GLENDOVEER-13599	1	560.7167	560.7167	12/11/2016	8:11 PM	SP:811 NE 157TH AVE		0.000663	1.18E-06	560.7167	
142383	12/10/2016	7:45 AM	PLEASANT VALLEY-PLEASANT 13	44	559.9	24635.6	12/10/2016	5:05 PM	FUSE_OH:D2304A-458 / AB / 65 A		0.029114	5.2E-05	559.9	
143393	12/10/2016	11:32 AM	ORIENT-BARLOW	1	556.7	556.7	12/10/2016	8:49 PM	SP:28519 SE STREBIN RD		0.000658	1.18E-06	556.7	
145508	12/11/2016	8:54 AM	SULLIVAN-SALAMO	1	555.4	555.4	12/11/2016	6:10 PM	SP:226 SW TUALATIN LOOP		0.000656	1.18E-06	555.4	
143013	12/10/2016	10:37 AM	MULTNOMAH-13176	1	555.3833	555.3833	12/10/2016	7:53 PM	SP:5105 SW EVELYN ST		0.000656	1.18E-06	555.3833	
145434	12/11/2016	8:05 AM	ROCKWOOD-ROCKWOOD 13	1	550.5833	550.5833	12/11/2016	5:16 PM	SP:185 NE 183RD PL		0.000651	1.18E-06	550.5833	
142183	12/10/2016	6:32 AM	BORING-TELFORD	12	543.8667	6526.4	12/10/2016	3:35 PM	FUSE_OH:D1326D-6825 / B / 25 A		0.007713	1.42E-05	543.8667	
145515	12/11/2016	9:02 AM	HEMLOCK-MASON	1	542.9833	542.9833	12/11/2016	6:05 PM	SP:17809 NE MARINE DR		0.000642	1.18E-06	542.9833	
141000	12/10/2016	12:05 AM	FAIRVIEW-FAIRVIEW 13	13	542	7046	12/10/2016	9:07 AM	XFM_OH:B 25 95628		0.008327	1.54E-05	542	
138716	12/9/2016	3:39 PM	GLENCULLEN-BRIDLEMILE	20	541	10820	12/10/2016	12:40 AM	FUSE_OH:D1116B-5677 / A / UNKNOWN		0.012787	2.36E-05	541	
145527	12/11/2016	9:06 AM	GLENDOVEER-13597	1	536.9	536.9	12/11/2016	6:03 PM	SP:12225 NE GLISAN ST		0.000635	1.18E-06	536.9	
142039	12/10/2016	4:44 AM	HOGAN NORTH-HOGAN NORTH 13	2	534	1068	12/10/2016	1:38 PM	XFM_OH:C 25 94518		0.001262	2.36E-06	534	
145498	12/11/2016	7:51 AM	HOGAN NORTH-LINKS	23	533.6333	12273.57	12/11/2016	4:44 PM	FUSE_OH:D1402C-251 / AC / 40 A		0.014505	2.72E-05	533.6333	
141330	12/10/2016	2:01 AM	URBAN-GAINES	1	533.0333	533.0333	12/10/2016	10:54 AM	SP:1011 SW CURRY ST		0.00063	1.18E-06	533.0333	
141792	12/10/2016	3:18 AM	ORIENT-ORIENT 13	29	532.9333	15455.07	12/10/2016	12:11 PM	FUSE_OH:D1416C-274 / C / 65 A		0.018265	3.43E-05	532.9333	
141422	12/10/2016	2:28 AM	GLENDOVEER-NORTHEAST	1	532.6333	532.6333	12/10/2016	11:21 AM	SP:1630 NE 140TH AVE		0.000629	1.18E-06	532.6333	
145462	12/11/2016	8:23 AM	CENTENNIAL-BRAECROFT	1	531.1	531.1	12/11/2016	5:14 PM	SP:18 SE 167TH AVE		0.000628	1.18E-06	531.1	
145466	12/11/2016	8:25 AM	HOGAN NORTH-LINKS	1	525.2667	525.2667	12/11/2016	5:10 PM	SP:Null_2		0.000621	1.18E-06	525.2667	
142574	12/10/2016	8:33 AM	GLENDOVEER-CLIFFGATE	1	523.2167	523.2167	12/10/2016	5:17 PM	SP:2120 NE 136TH AVE		0.000618	1.18E-06	523.2167	
143910	12/10/2016	1:48 PM	ROCKWOOD-ROCKWOOD 13	1	520.7	520.7	12/10/2016	10:28 PM	SP:18625 E BURNSIDE ST_3		0.000615	1.18E-06	520.7	
139242	12/9/2016	4:36 PM	ORIENT-BARLOW	260	519.1333	134974.7	12/10/2016	1:15 AM	RECL:5272		0.159511	0.000307	519.1333	
145514	12/11/2016	8:59 AM	SULLIVAN-SALAMO	1	514.8333	514.8333	12/11/2016	5:34 PM	SP:176 SW TUALATIN LOOP		0.000608	1.18E-06	514.8333	
145658	12/11/2016	9:45 AM	HOGAN NORTH-LINKS	1	514.7167	514.7167	12/11/2016	6:20 PM	SP:3207 SE MANNTHEY RD		0.000608	1.18E-06	514.7167	
146010	12/11/2016	1:05 PM	KELLY BUTTE-MALL 205	1	514.0667	514.0667	12/11/2016	9:39 PM	SP:11850 SE ALDER ST		0.000608	1.18E-06	514.0667	
145478	12/11/2016	8:32 AM	HEMLOCK-FREMONT	1	512.9	512.9	12/11/2016	5:05 PM	SP:16171 NE HALSEY ST		0.000604	1.18E-06	512.9	
144478	12/10/2016	9:42 AM	GLENDOVEER-13599	1	511.05	511.05	12/10/2016	6:14 PM	SP:829 NE 157TH AVE		0.000604	1.18E-06	511.05	
141122	12/10/2016	12:37 AM	FAIRVIEW-FAIRVIEW 13	1	507.9667	507.9667	12/10/2016	9:05 AM	SP:20017 NE SAN RAFAEL ST		0.0006	1.18E-06	507.9667	
140622	12/9/2016	10:30 PM	FAIRVIEW-FAIRVIEW 13	1	507.4333	507.4333	12/10/2016	6:57 AM	SP:20267 NE HALSEY ST APT D		0.0006	1.18E-06	507.4333	
138036	12/9/2016	6:50 AM	CEDAR HILLS-LEAHY	358	499.9333	178976.1	12/9/2016	3:09 PM	SP:SW_OHLB:7384		0.211511	0.000423	499.9333	
143634	12/10/2016	12:38 PM	GLENDOVEER-NORTHEAST	1	493.3333	493.3333	12/10/2016	8:51 PM	SP:3610 NE 147TH AVE		0.000583	1.18E-06	493.3333	
145458	12/11/2016	8:17 AM	HOGAN NORTH-LINKS	4	480.0833	1920.333	12/11/2016	4:18 PM	FUSE_OH:A1426B-1003 / A / 6 A		0.002269	4.73E-06	480.0833	
145672	12/11/2016	9:58 AM	HOGAN NORTH-LINKS	1	479.3333	479.3333	12/11/2016	5:57 PM	SP:45220 SE DEVERELL RD		0.000566	1.18E-06	479.3333	
145469	12/11/2016	8:26 AM	HOGAN NORTH-LINKS	1	475.0167	475.0167	12/11/2016	4:21 PM	SP:921 SE POUNDER RD		0.000561	1.18E-06	475.0167	
144194	12/10/2016	3:13 PM	ORIENT-ORIENT 13	1	473.4	473.4	12/10/2016	11:07 PM	SP:43940 E LARCH MOUNTAIN RD		0.000559	1.18E-06	473.4	
144038	12/10/2016	2:20 PM	ALDER-IRVING	1	472.2333	472.2333	12/10/2016	10:12 PM	SP:3641 NE SENATE ST		0.000558	1.18E-06	472.2333	
138302	12/9/2016	10:40 AM	URBAN-CORBETT	35	472	16520	12/9/2016	6:32 PM	FUSE_OH:D1116A-79 / B / 65 A		0.019523	4.14E-05	472	
144613	12/10/2016	5:13 PM	ROCKWOOD-ROCKWOOD 13	1	469.3667	469.3667	12/11/2016	1:02 AM	SP:19027 NE COUCH ST		0.000555	1.18E-06	469.3667	
144050	12/10/2016	2:24 PM	ALDER-IRVING	1	468.45	468.45	12/10/2016	10:13 PM	SP:3357 NE OREGON ST		0.000554	1.18E-06	468.45	
143065	12/10/2016	10:39 AM	TABOR-82ND	1	468	468	12/10/2016	6:27 PM	SP:7019 SE MORRISON ST		0.000553	1.18E-06	468	
146084	12/11/2016	2:04 PM	HOGAN NORTH-LINKS	1	467.0833	467.0833	12/11/2016	9:51 PM	SP:37737 SE HOWARD RD		0.000552	1.18E-06	467.0833	
138386	12/9/2016	11:45 AM	ORIENT-BARLOW	35	466.2167	16317.58	12/9/2016	7:31 PM	FUSE_OH:D1408A-1335 / AC / 40 A		0.019284	4.14E-05	466.2167	
145702	12/11/2016	10:21 AM	FAIRVIEW-WOOD VILLAGE	1	464.85	464.85	12/11/2016	6:06 PM	SP:22420 NE ARATA RD APT 1		0.000549	1.18E-06	464.85	
145656	12/11/2016	9:44 AM	CURTIS-CURTIS 13	10	463.2	4632	12/11/2016	5:27 PM	XFM_UG:B 50 34029		0.005474	1.18E-05	463.2	
138463	12/9/2016	12:19 PM	INDIAN-NORTH	2	463.1667	926.3333	12/9/2016	8:02 PM	XFM_OH:B 15 15889		0.001095	2.36E-06	463.1667	
144183	12/10/2016	3:08 PM	WELCHES-ZIG ZAG	1	462.55	462.55	12/10/2016	10:51 PM	SP:22045 E PINWOOD DR		0.000547	1.18E-06	462.55	
136931	12/8/2016	5:12 AM	ESTACADA-FARADAY	681	456.3333	310763	12/8/2016	12:49 PM	SC-RECL:2679		0.367255	0.000805	456.3333	
142264	12/10/2016	7:18 AM	HOGAN NORTH-HOGAN NORTH 13	1	454.7333	454.7333	12/10/2016	2:53 PM	SP:8023 SE REGNER RD		0.000537	1.18E-06	454.7333	
140834	12/9/2016	11:25 PM	CANYON-CANYON 13	14	454.2333	6359.267	12/10/2016	6:59 AM	FUSE_OH:D1104C-186 / B / 100 A		0.007515	1.65E-05	454.2333	
145857	12/11/2016	12:02 PM	FAIRVIEW-FAIRVIEW 13	1	453.8333	453.8333	12/11/2016	7:36 PM	SP:2104 FAIRVIEW AVE		0.000536	1.18E-06	453.8333	

Attachment A Summary
for outages 5 Hours and Longer PGE Service Territory
December 9-10, 2016

Outage #	Outage Date	Outage Time	Feeder Name	Customers			Customer		Return		Interrupt Location	SAIDI	SAIFI	CAIDI
				Affected	Duration	Minutes	Return Date	Time	Time					
145653	12/11/2016	9:41 AM	ORIENT-ORIENT 13	1	447.15	447.15	12/11/2016	5:09 PM	SP:32302 SE OXBOW DR		0.000528	1.18E-06	447.15	
141300	12/10/2016	1:35 AM	FAIRVIEW-FAIRVIEW 13	1	446.5667	446.5667	12/10/2016	9:02 AM	SP:240 4TH ST		0.000528	1.18E-06	446.5667	
142397	12/10/2016	7:48 AM	ALDER-IRVING	1	446.0667	446.0667	12/10/2016	3:14 PM	SP:3357 NE PACIFIC ST		0.000527	1.18E-06	446.0667	
140888	12/9/2016	11:35 PM	CANYON-CANYON 13	1	445.0333	445.0333	12/10/2016	7:00 AM	SP:2116 SW 19TH AVE		0.000526	1.18E-06	445.0333	
142761	12/10/2016	6:26 AM	ORIENT-ORIENT 13	3	443.85	1331.55	12/10/2016	1:49 PM	SP:32216 SE BLUFF RD_1		0.001574	3.55E-06	443.85	
142403	12/10/2016	7:52 AM	ALDER-IRVING	1	443.75	443.75	12/10/2016	3:15 PM	SP:3325 NE PACIFIC ST		0.000524	1.18E-06	443.75	
142956	12/10/2016	3:27 AM	GLENDOVEER-13597	1001	443	443443	12/10/2016	10:50 AM	SP:SW_OHLB:2355		0.524054	0.001183	443	
145690	12/11/2016	10:07 AM	ORIENT-BARLOW	1	442.15	442.15	12/11/2016	5:29 PM	SP:30515 SE PIPELINE RD		0.000523	1.18E-06	442.15	
143886	12/10/2016	12:15 PM	GLENDOVEER-NORTHEAST	68	440.4	29947.2	12/10/2016	7:36 PM	FUSE_OH:A1225C-5041 / AC / 65 A		0.035391	8.04E-05	440.4	
144116	12/10/2016	2:39 PM	GLENDOVEER-CLIFFGATE	1	440.3167	440.3167	12/10/2016	9:59 PM	SP:13636 NE BRAZEE CT		0.00052	1.18E-06	440.3167	
141007	12/10/2016	12:06 AM	MULTNOMAH-MULTNOMAH 13	12	439.6333	5275.6	12/10/2016	7:26 AM	FUSE_OH:01128C-3837 / AB / 15 A		0.006235	1.42E-05	439.6333	
141973	12/10/2016	4:14 AM	HARMONY-INTERNATIONAL	11	438.5833	4824.417	12/10/2016	11:32 AM	XFM_UG:C 75 5905		0.005701	1.3E-05	438.5833	
137028	12/8/2016	1:11 PM	ALDER-STARK	4	438	1752	12/8/2016	8:29 PM	XFM_OH:C 50 57311 A 50 57310 B 75 62669		0.00207	4.73E-06	438	
139343	12/9/2016	5:55 PM	CORNELL-WESTLAWN	1	435.1667	435.1667	12/10/2016	1:10 AM	SP:1835 NW 137TH AVE		0.000514	1.18E-06	435.1667	
145343	12/11/2016	6:26 AM	GLENDOVEER-13599	1	434.6	434.6	12/11/2016	1:40 PM	SP:829 NE 157TH AVE		0.000514	1.18E-06	434.6	
138947	12/9/2016	4:37 PM	GLENCULLEN-SUNSET	65	432.65	28122.25	12/9/2016	11:50 PM	FUSE_OH:D1116C-1305 / ABC / 25 A		0.033234	7.68E-05	432.65	
142729	12/10/2016	3:09 AM	GLENDOVEER-13597	218	431.65	94099.7	12/10/2016	10:20 AM	SW_OHLB:2356		0.111206	0.000258	431.65	
143043	12/10/2016	10:44 AM	CENTENNIAL-BRAECROFT	18	430.2	7743.6	12/10/2016	5:54 PM	FUSE_OH:D1306A-5238 / A / 25 A		0.009151	2.13E-05	430.2	
142199	12/10/2016	6:45 AM	GLENDOVEER-CLIFFGATE	1	429.7	429.7	12/10/2016	1:54 PM	SP:2310 NE 131ST AVE		0.000508	1.18E-06	429.7	
143038	12/10/2016	10:43 AM	CENTENNIAL-BRAECROFT	25	429.1833	10729.58	12/10/2016	5:52 PM	SP:646 SE 174TH AVE_1		0.01268	2.95E-05	429.1833	
143968	12/10/2016	1:59 PM	ALDER-IRVING	1	428.5	428.5	12/10/2016	9:08 PM	SP:1020 NE FLORAL PL		0.000506	1.18E-06	428.5	
142532	12/10/2016	8:16 AM	GLENDOVEER-13596	1	427.4333	427.4333	12/10/2016	3:23 PM	SP:12244 NE STANTON ST		0.000505	1.18E-06	427.4333	
143788	12/10/2016	1:29 PM	KELLY BUTTE-BINNSMEAD	1	426.8333	426.8333	12/10/2016	8:36 PM	SP:7253 SE TAYLOR ST		0.000504	1.18E-06	426.8333	
142052	12/10/2016	4:46 AM	HOGAN SOUTH-CLEVELAND	1	424	424	12/10/2016	11:50 AM	SP:517 NW 25TH ST		0.000501	1.18E-06	424	
136108	12/8/2016	4:40 AM	DENNY-EAST	21	421.65	8854.65	12/8/2016	11:41 AM	FUSE_OH:C1123A-3455 / ABC / 65 A		0.010464	2.48E-05	421.65	
136001	12/8/2016	1:46 AM	CENTENNIAL-CENTENNIAL 13	1	419.0333	419.0333	12/8/2016	8:46 AM	SP:18041 SE PERSHING CT		0.000495	1.18E-06	419.0333	
136248	12/8/2016	7:53 AM	SYLVAN-PATTON	5	415.25	2076.25	12/8/2016	2:49 PM	FUSE_OH:D1106A-1346 / C / 100 A		0.002454	5.91E-06	415.25	
141895	12/10/2016	3:56 AM	URBAN-GAINES	17	415.0333	7055.567	12/10/2016	10:51 AM	SP:3003 SW 11TH AVE		0.008338	2.01E-05	415.0333	
140057	12/9/2016	8:59 PM	URBAN-GAINES	1	414.3	414.3	12/10/2016	3:54 AM	SP:NU11_3		0.00049	1.18E-06	414.3	
143197	12/10/2016	11:16 AM	CENTENNIAL-BRAECROFT	25	412.5667	10314.17	12/10/2016	6:09 PM	SP:646 SE 174TH AVE		0.012189	2.95E-05	412.5667	
139354	12/9/2016	6:02 PM	HOGAN SOUTH-LAWRENCE	1	411.3667	411.3667	12/10/2016	12:53 AM	SP:AT MAIN CITY PARK_1		0.000486	1.18E-06	411.3667	
145639	12/11/2016	9:28 AM	HOGAN NORTH-LINKS	1	410.5333	410.5333	12/11/2016	4:19 PM	XFM_UG:A 15 32011		0.000485	1.18E-06	410.5333	
142088	12/10/2016	5:29 AM	URBAN-GAINES	1	407.2	407.2	12/10/2016	12:16 PM	SP:3106 SW 12TH AVE		0.000481	1.18E-06	407.2	
145732	12/11/2016	10:51 AM	HOGAN SOUTH-PAROPA	1	407.1333	407.1333	12/11/2016	5:38 PM	SP:1036 SE BARNES RD		0.000481	1.18E-06	407.1333	
142914	12/10/2016	10:07 AM	RIVERVIEW-TERWILLIGER	3	407	1221	12/10/2016	4:54 PM	XFM_OH:A 15 41868		0.001443	3.55E-06	407	
138849	12/9/2016	4:12 PM	BORING-282ND	1	405.7833	405.7833	12/9/2016	10:58 PM	SP:9240 SE HIDEAWAY CT		0.00048	1.18E-06	405.7833	
142616	12/10/2016	8:48 AM	HOGAN NORTH-HOGAN NORTH 13	1	404.8167	404.8167	12/10/2016	3:33 PM	SP:88 SE 46TH DR		0.000478	1.18E-06	404.8167	
146277	12/11/2016	4:25 PM	MIDWAY-DOUGLAS	6	404.5333	2427.2	12/11/2016	11:10 PM	SP:236 SE 139TH AVE		0.002868	7.09E-06	404.5333	
143469	12/10/2016	11:55 AM	MIDWAY-DIVISION	1	404.35	404.35	12/10/2016	6:39 PM	SP:1035 SE 123RD AVE		0.000478	1.18E-06	404.35	
144437	12/10/2016	4:20 PM	ALDER-IRVING	1	403.3	403.3	12/10/2016	11:04 PM	SP:3017 NE EVERETT ST		0.000477	1.18E-06	403.3	
143697	12/10/2016	12:58 PM	GLENDOVEER-NORTHEAST	1	401.7333	401.7333	12/10/2016	7:40 PM	SP:2305 NE 144TH AVE		0.000475	1.18E-06	401.7333	
145744	12/11/2016	10:55 AM	SULLIVAN-SALAMO	1	398.5167	398.5167	12/11/2016	5:34 PM	SP:363 SW TUALATIN LOOP		0.000471	1.18E-06	398.5167	
138584	12/9/2016	2:10 PM	MIDWAY-LYNCH	1	397.9333	397.9333	12/9/2016	8:48 PM	SP:2030 SE 141ST AVE		0.00047	1.18E-06	397.9333	
145489	12/11/2016	8:39 AM	GLENDOVEER-13599	1	396.8167	396.8167	12/11/2016	3:16 PM	SP:13548 NE GLISAN ST		0.000469	1.18E-06	396.8167	
139403	12/9/2016	6:27 PM	CANYON-CANYON 13	94	396.6667	37286.67	12/10/2016	1:03 AM	RECL:8072		0.044065	0.000111	396.6667	
138844	12/9/2016	4:10 PM	BORING-282ND	43	396.0167	17028.72	12/9/2016	10:47 PM	FUSE_OH:D1325B-8382 / ABC / 65 A		0.020124	5.08E-05	396.0167	
139148	12/9/2016	5:12 PM	GLENCOE-SUNNYSIDE	1	395.4333	395.4333	12/9/2016	11:47 PM	SP:3154 NE DAVIS ST		0.000467	1.18E-06	395.4333	
142102	12/10/2016	5:41 AM	URBAN-GAINES	8	393.6833	3149.467	12/10/2016	12:15 PM	XFM_OH:B 25 32071		0.003722	9.45E-06	393.6833	
138092	12/9/2016	7:32 AM	WILLAMINA-BRIDGE	13	392	5096	12/9/2016	2:04 PM	FUSE_OH:C5703A-358 / A / 10 A		0.006022	1.54E-05	392	
145507	12/11/2016	8:52 AM	E-13144	1	391.9667	391.9667	12/11/2016	3:24 PM	SP:2931 NW FAIRFAX TER		0.000463	1.18E-06	391.9667	
141130	12/10/2016	12:42 AM	MULTNOMAH-MULTNOMAH 13	1	389.8833	389.8833	12/10/2016	7:12 AM	SP:10400 SW RIDGEVIEW LN		0.000461	1.18E-06	389.8833	
146613	12/11/2016	9:51 PM	ORIENT-BARLOW	1	389.3667	389.3667	12/12/2016	4:21 AM	SP:3615 SE HOSNER TER		0.00046	1.18E-06	389.3667	
142546	12/10/2016	2:34 AM	FAIRVIEW-FAIRVIEW 13	7	386.3833	2704.683	12/10/2016	9:01 AM	SP:345 4TH ST		0.003196	8.27E-06	386.3833	

Attachment A Summary
for outages 5 Hours and Longer PGE Service Territory
December 9-10, 2016

Outage #	Outage Date	Outage Time	Feeder Name	Customers		Customer		Return		Interrupt Location	SAIDI	SAIFI	CAIDI
				Affected	Duration	Minutes	Return Date	Time					
138035	12/9/2016	4:21 AM	GRAND RONDE-AGENCY	1	386.2167	386.2167	12/9/2016	10:47 AM	SP:57495 SW HEBRO RD	0.000456	1.18E-06	386.2167	
139243	12/9/2016	5:32 PM	BORING-TELFORD	1	384.55	384.55	12/9/2016	11:56 PM	SP:26090 SE SUNSHINE VALLEY RD_1	0.000454	1.18E-06	384.55	
142427	12/10/2016	7:59 AM	MULTNOMAH-13177	369	383.8667	141646.8	12/10/2016	2:23 PM	FUSE_OH:D1120D-2703 / ABC / 100 A	0.167396	0.000436	383.8667	
145383	12/11/2016	7:13 AM	GLENDOVEER-CLIFFGATE	10	382.3667	3823.667	12/11/2016	1:36 PM	SP:3609 NE 147TH AVE	0.004519	1.18E-05	382.3667	
142517	12/10/2016	8:04 AM	MULTNOMAH-13177	1	380	380	12/10/2016	2:24 PM	SP:2545 SW NEVADA CT	0.000449	1.18E-06	380	
142519	12/10/2016	8:04 AM	MULTNOMAH-13177	1	380	380	12/10/2016	2:24 PM	SP:7230 SW 25TH AVE	0.000449	1.18E-06	380	
142520	12/10/2016	8:04 AM	MULTNOMAH-13177	6	380	2280	12/10/2016	2:24 PM	XFM_OH:A 25 13904	0.002694	7.09E-06	380	
138846	12/9/2016	9:15 PM	BLUE LAKE-BLUE LAKE 13	2262	379	857298	12/10/2016	3:34 AM	SC-BKR:BLUE LAKE R174	1.013141	0.002673	379	
142515	12/10/2016	8:04 AM	MULTNOMAH-13177	8	379	3032	12/10/2016	2:23 PM	XFM_OH:C 25 36489	0.003583	9.45E-06	379	
145405	12/11/2016	7:29 AM	HOGAN NORTH-LINKS	2	378.7167	757.4333	12/11/2016	1:47 PM	XFM_UG:B 25 50978	0.000895	2.36E-06	378.7167	
136007	12/8/2016	2:41 AM	MIDWAY-DOUGLAS	57	377.45	21514.65	12/8/2016	8:58 AM	FUSE_OH:D1202D-6322 / C / 65 A	0.025426	6.74E-05	377.45	
143452	12/10/2016	11:46 AM	CENTENNIAL-BRAECROFT	24	376.7	9040.8	12/10/2016	6:03 PM	SP:620 SE 174TH AVE_1	0.010684	2.84E-05	376.7	
141725	12/10/2016	2:44 AM	FAIRVIEW-FAIRVIEW 13	1	376.0167	376.0167	12/10/2016	9:00 AM	SP:140 CEDAR ST	0.000444	1.18E-06	376.0167	
144896	12/10/2016	8:01 PM	HOGAN NORTH-LINKS	1	373.9	373.9	12/11/2016	2:15 AM	SP:37123 NE REED RD	0.000442	1.18E-06	373.9	
142074	12/10/2016	5:10 AM	ORIENT-ORIENT 13	1	373.6833	373.6833	12/10/2016	11:24 AM	SP:31917 SE PIPELINE RD	0.000442	1.18E-06	373.6833	
138248	12/9/2016	9:28 AM	REDLAND-REDLAND 13	2	372.25	744.5	12/9/2016	3:40 PM	SP:15051 S BRADLEY RD	0.00088	2.36E-06	372.25	
138797	12/9/2016	4:03 PM	KELLY BUTTE-MALL 205	1	371.5	371.5	12/9/2016	10:14 PM	SP:11436 SE LINCOLN CT	0.000439	1.18E-06	371.5	
142061	12/10/2016	4:59 AM	FAIRVIEW-FAIRVIEW 13	14	371.4167	5199.833	12/10/2016	11:10 AM	XFM_OH:B 25 94991	0.006145	1.65E-05	371.4167	
142446	12/10/2016	8:01 AM	ROCKWOOD-REYNOLDS	98	370.8667	36344.93	12/10/2016	2:12 PM	FUSE_OH:A1331A-1802 / AC / 65 A	0.042952	0.000116	370.8667	
141841	12/10/2016	3:29 AM	MIDWAY-LYNCH	150	370.6833	55602.5	12/10/2016	9:40 AM	FUSE_OH:D1202D-116 / B / 100 A	0.06571	0.000177	370.6833	
145467	12/11/2016	8:25 AM	SYLVAN-BARNES	1	370.4333	370.4333	12/11/2016	2:36 PM	SP:7449 NW THOMPSON RD	0.000438	1.18E-06	370.4333	
136340	12/8/2016	9:16 AM	OSWEGO-STAFFORD	20	367	7340	12/8/2016	3:23 PM	XFM_UG:C 50 37828	0.008674	2.36E-05	367	
136002	12/8/2016	1:39 AM	CEDAR HILLS-SYLVAN	60	366	21960	12/8/2016	7:45 AM	FUSE_OH:C1112B-2195 / ABC / 65 A	0.025952	7.09E-05	366	
143153	12/10/2016	11:07 AM	MIDWAY-DIVISION	1	365.4833	365.4833	12/10/2016	5:13 PM	SP:1704 SE 138TH AVE	0.000432	1.18E-06	365.4833	
142947	12/10/2016	10:19 AM	MULTNOMAH-13176	1	363.5167	363.5167	12/10/2016	4:22 PM	SP:9215 SW 50TH AVE	0.00043	1.18E-06	363.5167	
143688	12/10/2016	9:30 AM	MOLALLA-MARQUAM	10	362.55	3625.5	12/10/2016	3:33 PM	SP:8145 S MONTE CRISTO RD_1	0.004285	1.18E-05	362.55	
136067	12/8/2016	3:55 AM	GLENDOVEER-CLIFFGATE	31	358.5	11113.5	12/8/2016	9:54 AM	FUSE_OH:A1226A-1805 / A / 65 A	0.013134	3.66E-05	358.5	
144182	12/10/2016	3:08 PM	WELCHES-ZIG ZAG	1	357.95	357.95	12/10/2016	9:06 PM	SP:21820 E Z LN	0.000423	1.18E-06	357.95	
142151	12/10/2016	6:18 AM	URBAN-GAINES	13	357.0167	4641.217	12/10/2016	12:15 PM	SP:1239 SW WOODS ST	0.005485	1.54E-05	357.0167	
143027	12/10/2016	10:40 AM	CANYON-23RD	1	356.85	356.85	12/10/2016	4:37 PM	SP:3136 NW VERDE VISTA TER	0.000422	1.18E-06	356.85	
139326	12/9/2016	5:52 PM	GLENCOE-SUNNYSIDE	1	355.85	355.85	12/9/2016	11:48 PM	SP:3401 NE COUCH ST	0.000421	1.18E-06	355.85	
141253	12/10/2016	1:09 AM	GLENCOE-GLISAN	1	355.1333	355.1333	12/10/2016	7:05 AM	SP:1009 NE 47TH AVE	0.00042	1.18E-06	355.1333	
138658	12/9/2016	3:00 PM	BORING-TELFORD	248	354.5167	87920.13	12/9/2016	8:55 PM	FUSE_OH:D1336B-8413 / ABC / 100 A	0.103903	0.000293	354.5167	
142168	12/10/2016	6:21 AM	URBAN-GAINES	16	353.4	5654.4	12/10/2016	12:14 PM	SP:3111 SW 13TH AVE	0.006682	1.89E-05	353.4	
142170	12/10/2016	6:21 AM	URBAN-GAINES	14	352.9167	4940.833	12/10/2016	12:13 PM	SP:3101 SW 13TH AVE	0.005839	1.65E-05	352.9167	
136070	12/8/2016	3:57 AM	EAGLE CREEK-RIVER MILL	67	352.1	23590.7	12/8/2016	9:50 AM	FUSE_OH:D3312D-641 / B / 40 A	0.027879	7.92E-05	352.1	
141047	12/10/2016	12:18 AM	RIVERVIEW-FULTON	1	351.75	351.75	12/10/2016	6:10 AM	SP:6837 SW 11TH DR	0.000416	1.18E-06	351.75	
142179	12/10/2016	6:23 AM	URBAN-GAINES	41	350.4167	14367.08	12/10/2016	12:13 PM	FUSE_OH:D1109B-1 / B / 100 A	0.016979	4.85E-05	350.4167	
144778	12/10/2016	6:12 PM	CENTENNIAL-BARKER	1	346.9333	346.9333	12/10/2016	11:59 PM	SP:16247 SE TAYLOR ST	0.00041	1.18E-06	346.9333	
141784	12/10/2016	3:27 AM	GLENDOVEER-13597	135	345	46575	12/10/2016	9:12 AM	SC-BKR:GLENDOVEER R152	0.055042	0.00016	345	
142930	12/10/2016	10:14 AM	WEST UNION-CORNELIUS PASS	1	344.55	344.55	12/10/2016	3:59 PM	SP:21300 NW BECK RD	0.000407	1.18E-06	344.55	
145795	12/11/2016	11:21 AM	CANYON-CANYON 13	1	342.8667	342.8667	12/11/2016	5:04 PM	SP:1704 SW SPRING ST	0.000405	1.18E-06	342.8667	
143687	12/10/2016	12:55 PM	TABOR-82ND	1	340.55	340.55	12/10/2016	6:36 PM	SP:7019 SE MORRISON ST	0.000402	1.18E-06	340.55	
136041	12/8/2016	1:50 AM	WEST UNION-CORNELIUS PASS	9	340	3060	12/8/2016	7:30 AM	FUSE_OH:82226C-1020 / C / 40 A	0.003616	1.06E-05	340	
145829	12/11/2016	11:40 AM	FAIRVIEW-KENNEL CLUB	41	339.5667	13922.23	12/11/2016	5:19 PM	FUSE_OH:A1334D-6514 / ABC / 65 A	0.016453	4.85E-05	339.5667	
139134	12/9/2016	5:06 PM	BORING-282ND	1	338.5667	338.5667	12/9/2016	10:45 PM	SP:29143 SE LUSTED RD	0.0004	1.18E-06	338.5667	
145812	12/11/2016	11:24 AM	HOGAN SOUTH-PAROPA	1	338.55	338.55	12/11/2016	5:02 PM	SP:3679 SE 14TH ST	0.0004	1.18E-06	338.55	
140240	12/9/2016	9:18 PM	DELAWARE-LOMBARD	1	338.2	338.2	12/10/2016	2:56 AM	SP:2856 N EMERSON CT	0.0004	1.18E-06	338.2	
142432	12/10/2016	7:59 AM	GLENDOVEER-NORTHEAST	1	334.5333	334.5333	12/10/2016	1:34 PM	SP:1743 NE 141ST AVE	0.000395	1.18E-06	334.5333	
142695	12/10/2016	9:08 AM	GLENDOVEER-13599	1	331.5	331.5	12/10/2016	2:39 PM	SP:349 NE 162ND AVE	0.000392	1.18E-06	331.5	
136231	12/8/2016	7:36 AM	ST MARYS EAST-BUTNER	11	327	3597	12/8/2016	1:03 PM	XFM_OH:B 50 4924	0.004251	1.3E-05	327	
137023	12/8/2016	1:21 PM	BETHANY-LAIDLAW	35	326.55	11429.25	12/8/2016	6:48 PM	FUSE_OH:81121B-276 / AC / 40 A	0.013507	4.14E-05	326.55	
138022	12/9/2016	4:02 AM	CENTENNIAL-BRAECROFT	194	326	63244	12/9/2016	9:28 AM	SW_OHLB:1214	0.074741	0.000229	326	

Attachment A Summary
for outages 5 Hours and Longer PGE Service Territory
December 9-10, 2016

Outage #	Outage Date	Outage		Customers			Customer		Return		Interrupt Location	SAIDI	SAIFI	CAIDI
		Time	Feeder Name	Affected	Duration	Minutes	Return Date	Time	Time					
145716	12/11/2016	10:38 AM	HOGAN NORTH-LINKS	3	325.7333	977.2	12/11/2016	4:04 PM	XFM_UG:B 25 40462		0.001155	3.55E-06	325.7333	
139111	12/9/2016	4:59 PM	GLENDOVEER-NORTHEAST	1	322.7167	322.7167	12/9/2016	10:22 PM	SP:3604 NE 147TH AVE		0.000381	1.18E-06	322.7167	
146220	12/11/2016	3:46 PM	KELLY BUTTE-BINNSMEAD	1	322.6833	322.6833	12/11/2016	9:08 PM	SP:1635 SE 72ND AVE		0.000381	1.18E-06	322.6833	
138641	12/10/2016	3:20 AM	FAIRVIEW-TROUTDALE	3565	322	1147930	12/10/2016	8:42 AM	SC-BKR:FAIRVIEW R128		1.356606	0.004213	322	
146006	12/11/2016	1:00 PM	ISLAND-13180	1	321.3	321.3	12/11/2016	6:22 PM	SP:2319 SE BIRK ST		0.00038	1.18E-06	321.3	
146283	12/11/2016	4:32 PM	CENTENNIAL-BARKER	1	319.1333	319.1333	12/11/2016	9:52 PM	SP:16369 SE TAYLOR ST		0.000377	1.18E-06	319.1333	
141988	12/10/2016	4:39 AM	RUBY-JUNCTION	2372	319	756668	12/10/2016	9:58 AM	BKR:RUBY R104		0.894218	0.002803	319	
138567	12/9/2016	1:49 PM	GLENCOE-SUNNYSIDE	1	318.8167	318.8167	12/9/2016	7:08 PM	SP:4314 NE HASSALO ST		0.000377	1.18E-06	318.8167	
141718	12/10/2016	2:39 AM	GLENCOE-GLISAN	1	314.3667	314.3667	12/10/2016	7:53 AM	SP:4122 SE HAWTHORNE BLVD		0.000372	1.18E-06	314.3667	
138213	12/9/2016	9:58 AM	LELAND-CARUS	2	314	628	12/9/2016	3:12 PM	XFM_OH:B 15 16012		0.000742	2.36E-06	314	
144451	12/10/2016	4:28 PM	ROCKWOOD-ROCKWOOD 13	1	313.8167	313.8167	12/10/2016	9:42 PM	SP:810 NE 194TH AVE		0.000371	1.18E-06	313.8167	
142255	12/10/2016	7:13 AM	WEST UNION-CORNELIUS PASS	1	313.6167	313.6167	12/10/2016	12:26 PM	SP:15111 NW SKYLINE BLVD		0.000371	1.18E-06	313.6167	
142267	12/10/2016	7:22 AM	HOGAN NORTH-HOGAN NORTH 13	305	313.4833	95612.42	12/10/2016	12:35 PM	FUSE_OH:D1327A-2 / ABC / 65 A		0.112993	0.00036	313.4833	
144525	12/10/2016	3:36 PM	GLENDOVEER-13599	13	313.4	4074.2	12/10/2016	8:49 PM	SP:15827 NE GLISAN ST		0.004815	1.54E-05	313.4	
145709	12/11/2016	10:35 AM	HOGAN NORTH-LINKS	1	313.2167	313.2167	12/11/2016	3:49 PM	SP:37718 SE RICKERT RD_1		0.00037	1.18E-06	313.2167	
144234	12/10/2016	3:27 PM	ALDER-IRVING	1	311.3	311.3	12/10/2016	8:38 PM	SP:1327 NE 33RD AVE		0.000368	1.18E-06	311.3	
136073	12/8/2016	4:01 AM	BELL-SOUTHGATE	61	311.2833	18988.28	12/8/2016	9:13 AM	FUSE_OH:D122DA-98 / B / 100 A		0.02244	7.21E-05	311.2833	
139425	12/9/2016	6:39 PM	GLENCOE-SUNNYSIDE	1	308.9833	308.9833	12/9/2016	11:48 PM	SP:1230 SE CESAR E CHAVEZ BLVD		0.000365	1.18E-06	308.9833	
139433	12/9/2016	6:41 PM	GLENCOE-SUNNYSIDE	1	307.6667	307.6667	12/9/2016	11:48 PM	SP:3301 NE IRVING ST		0.000364	1.18E-06	307.6667	
142460	12/10/2016	8:00 AM	JENNINGS LODGE-ADDIE	7	307.6167	2153.317	12/10/2016	1:07 PM	XFM_OH:C 37.5 6001		0.002545	8.27E-06	307.6167	
138735	12/9/2016	3:46 PM	BORING-TELFORD	67	306.85	20558.95	12/9/2016	8:53 PM	SP:25421 SE SUNSHINE VALLEY RD		0.024296	7.92E-05	306.85	
138599	12/9/2016	2:27 PM	ORIENT-BARLOW	1	304.75	304.75	12/9/2016	7:32 PM	SP:36601 SE DODGE PARK BLVD		0.00036	1.18E-06	304.75	
136807	12/8/2016	9:18 AM	OSWEGO-STAFFORD	26	303	7878	12/8/2016	2:21 PM	XFM_UG:C 75 12373		0.00931	3.07E-05	303	
139352	12/9/2016	4:37 PM	GLENDOVEER-NORTHEAST	352	303	106656	12/9/2016	9:40 PM	SW_OHLB:4638		0.126044	0.000416	303	
142301	12/10/2016	7:28 AM	MOLALLA-MARQUAM	141	302.6167	42668.95	12/10/2016	12:31 PM	FUSE_OH:D5133A-427 / ABC / 65 A		0.050426	0.000167	302.6167	
145445	12/11/2016	8:09 AM	ORIENT-BARLOW	40	301.4667	12058.67	12/11/2016	1:11 PM	FUSE_OH:D1418D-126 / ABC / 65 A		0.014251	4.73E-05	301.4667	
143036	12/10/2016	10:42 AM	CENTENNIAL-BRAECROFT	77	301.2833	23198.82	12/10/2016	3:44 PM	FUSE_OH:D1306A-1514 / C / 100 A		0.027416	9.1E-05	301.2833	
138604	12/9/2016	11:07 AM	ALDER-ANKENY	34	301	10234	12/9/2016	4:08 PM	XFM_OH:C 75 60762		0.012094	4.02E-05	301	