



e-FILING REPORT COVER SHEET

COMPANY NAME: PORTLAND GENERAL ELECTRIC COMPANY

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

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

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

Report is required by:  OAR 860-023-0161

Statute

Order

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

Other

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

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

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

MAJOR EVENT EXCLUSION

Send the completed Cover Sheet and the Report in an email addressed to [PUC.FilingCenter@state.or.us](mailto:PUC.FilingCenter@state.or.us)

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



**Portland General Electric**  
121 SW Salmon Street · Portland, Ore. 97204

October 6, 2021

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

**Re: Major Event Exclusion**  
**Period: September 18, 2021**

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 September 18, 2021.

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 September 18, 2021, PGE experienced gusty winds and record daily precipitation causing widespread outages throughout our territory, which caused vegetation and equipment related outages. Wind gusts in the Portland area reached 26 mph, Salem area wind gusts reached 27 mph, and in Troutdale area wind gusts reached 23 mph. Precipitation in Portland reached 1.16 inches (daily record).

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

PGE's entire service territory was impacted by the September 18, 2021 storm. Most outages were in PGE's Eastern service territory.

**3. The total number of customers affected and the number of customers without service at periodic intervals.**

At the peak of the storm, PGE had approximately 14,322 customers without power. During the storm, a total of 24,225 customers were affected.

**4. The calculated SAIDI, SAIFI, and CAIDI impacts (i.e., “Event SAIDI, SAIFI, CAIDI and  $T_{med}$ ”) 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 <sup>1</sup>	SOUTHERN	WESTERN	PGE SERVICE TERRITORY
<i>SAIDI</i> <sup>2</sup>	6.18	0.25	1.14	7.56
<i>SAIFI</i> <sup>3</sup>	0.023	0.001	0.002	0.027
<i>CAIDI</i> <sup>4</sup>	267	247	487	285
<i>Customers out at peak</i>	11,843	749	1,730	14,322
<i>T<sub>med</sub></i>				4.80

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

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

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

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

**Additional Reporting Related to the  
September 18, 2021 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 Mary Widman at [mary.widman@pgn.com](mailto:mary.widman@pgn.com). Please direct all formal correspondence and requests to the following email address [pgc.opuc.filings@pgn.com](mailto:pgc.opuc.filings@pgn.com).

Sincerely,

A handwritten signature in black ink that reads "Benjamin H Hillam". The signature is written in a cursive style with a large, prominent "B" and "H".

Benjamin Hillam  
Interim Manager, Asset Management Analytics

Enclosures

Major Event Exclusion Period: **September 18, 2021**  
Attachment A

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

**Attachment A Summary  
of Outages 5 hours and longer PGE Service Territory  
September 18, 2021**

Outage #	Outage Date	Outage Time	Feeder Name	Customers Affected	Duration	Customer Minutes	Return Date	Return Time	Interrupt Location	SAIDI	SAIFI	CAIDI
1079614	9/18/21	11:57 AM	OSWEGO-PALATINE	1	1589	1589.383	9/19/21	2:26 PM	SP:11800 SW MILITARY LN	0.001739	1.09E-06	1,589
1080268	9/18/21	1:11 AM	CANYON-23RD	6	1580	9481.1	9/19/21	3:31 AM	FUSE_OH:D1105B-21 / A / 6 A	0.010375	6.57E-06	1,580
1079535	9/18/21	11:09 AM	HARRISON-DAVIS	1	1306	1306	9/19/21	8:55 AM	SP:210 SE 6TH AVE	0.001429	1.09E-06	1,306
1078300	9/18/21	1:46 AM	MCGILL-HORSETAIL	22	1208	26565	9/18/21	9:53 PM	XFM_UG:C 75 6421	0.029071	2.41E-05	1,208
1078485	9/18/21	3:50 AM	MOLALLA-FOREST	1	1186	1186.467	9/18/21	11:36 PM	SP:16062 S FEYRER PARK RD	0.001298	1.09E-06	1,186
1078790	9/18/21	12:29 AM	ESTACADA-NORTH FORK	1	990	989.6167	9/18/21	4:58 PM	SP:34257 SE DOYLE RD	0.001083	1.09E-06	990
1077870	9/18/21	12:29 AM	ESTACADA-NORTH FORK	196	968	189809.7	9/18/21	4:37 PM	RECL:7834	0.207714	2.14E-04	968
1080280	9/18/21	8:33 PM	OSWEGO-IRON MOUNTAIN	1	960	959.9167	9/19/21	12:33 PM	SP:1500 Northshore Rd	0.00105	1.09E-06	960
1077621	9/18/21	12:06 AM	EAGLE CREEK-RIVER MILL	31	931	28861	9/18/21	3:37 PM	FUSE_OH:D2317D-1337 / A / 40 A	0.031583	3.39E-05	931
1079108	9/18/21	8:43 AM	SYLVAN-BARNES	1	876	875.85	9/18/21	11:18 PM	SP:2546 NW 53RD DR	0.000958	1.09E-06	876
1078209	9/18/21	1:32 AM	SELLWOOD-KELLOGG PARK	1	863	863.3833	9/18/21	3:55 PM	SP:4310 SE ROSWELL ST	0.000945	1.09E-06	863
1077854	9/18/21	12:25 AM	SANDY-WILDCAT	92	860	79120	9/18/21	2:45 PM	FUSE_OH:D2425B-1812 / AB / 100 A	0.086583	1.01E-04	860
1078198	9/18/21	1:09 AM	SCHOLLS FERRY-KEMMER	5	832	4158.833	9/18/21	3:00 PM	XFM_OH:C 25 80054	0.004551	5.47E-06	832
1078570	9/18/21	4:38 AM	FARGO-FARGO 13	2	818	1636.2	9/18/21	6:16 PM	SP:24035 BUTTEVILLE RD NE	0.001791	2.19E-06	818
1077954	9/18/21	12:30 AM	BRIGHTWOOD-NORTH BANK	2	740	1480	9/18/21	12:50 PM	FUSE_OH:D2630B-9 / AC / 15 A	0.00162	2.19E-06	740
1078960	9/18/21	6:19 AM	RALEIGH HILLS-MONTCLAIR	18	729	13122	9/18/21	6:28 PM	FUSE_OH:C1113D-5556 / B / 40 A	0.01436	1.97E-05	729
1078389	9/18/21	2:23 AM	LELAND-CARUS	1	728	728.35	9/18/21	2:32 PM	SP:18280 S OLD CLARKE RD	0.000797	1.09E-06	728
1078166	9/18/21	12:43 AM	BRIGHTWOOD-NORTH BANK	46	689	31692.47	9/18/21	12:11 PM	FUSE_OH:D2624C-164 / ABC / 25 A	0.034682	5.03E-05	689
1078390	9/18/21	2:20 AM	RALEIGH HILLS-OLESON	6	671	4023.6	9/18/21	1:30 PM	XFM_OH:A 50 4120	0.004403	6.57E-06	671
1078595	9/18/21	1:51 AM	ARLETA-HAROLD	63	670	42210	9/18/21	1:01 PM	TRIP_SAVER:D1217D-21 / A / 25 A	0.046192	6.89E-05	670
1078968	9/18/21	6:27 AM	DUNNS CORNER-KELSO	1	654	654.4667	9/18/21	5:21 PM	SP:30240 SE KELSO RD	0.000716	1.09E-06	654
1078025	9/18/21	12:41 AM	BLUE LAKE-BLUE LAKE 13	2322	638	1481436	9/18/21	11:19 AM	BKR:BLUE LAKE R174	1.62118	2.54E-03	638
1077669	9/18/21	12:18 AM	DUNNS CORNER-DUNNS CORNER 13	80	631	50480	9/18/21	10:49 AM	RECL:1696	0.055242	8.75E-05	631
1078297	9/18/21	1:45 AM	ORIENT-ORIENT 13	40	630	25200	9/18/21	12:15 PM	FUSE_OH:D1416A-473 / AB / 65 A	0.027577	4.38E-05	630
1078573	9/18/21	4:41 AM	AMITY-BELLEVUE	24	630	15110	9/18/21	3:10 PM	FUSE_OH:C5409B-536 / ABC / 40 A	0.016535	2.63E-05	630
1077645	9/18/21	12:07 AM	MOLALLA-FOREST	7	622	4353.533	9/18/21	10:28 AM	TRIP_SAVER:D5203D-579 / A / 65 A	0.004764	7.66E-06	622
1077967	9/18/21	12:36 AM	RAMAPO-GILBERT	2221	620	1376354	9/18/21	10:55 AM	BKR:RAMAPO R102	1.506185	2.43E-03	620
1078938	9/18/21	5:35 AM	BETHEL-GEER	9	604	5436	9/18/21	3:39 PM	FUSE_OH:C8204A-1881 / C / 10 A	0.005949	9.85E-06	604
1078440	9/18/21	3:25 AM	CLACKAMAS-TOLBERT	64	596	38144	9/18/21	1:21 PM	FUSE_OH:D2216B-43 / ABC / 65 A	0.041742	9.00E-05	596
1077266	9/18/21	4:11 AM	OSWEGO-IRON MOUNTAIN	1182	594	702383.8	9/18/21	2:05 PM	BKR:OSWEGO R118	0.76864	1.29E-03	594
1077620	9/18/21	12:03 AM	REDLAND-HENRICI	3	593	1777.85	9/18/21	9:55 AM	XFM_OH:A 15 15161	0.001946	3.28E-06	593
1079036	9/18/21	7:51 AM	WOODBURN-CANNERY	1	591	591.4	9/18/21	5:42 PM	SP:520 A ST	0.000647	1.09E-06	591
1079460	9/18/21	10:29 AM	DUNNS CORNER-DUNNS CORNER 13	1	586	585.7333	9/18/21	8:15 PM	SP:9920 SE BULL RUN RD	0.000641	1.09E-06	586
1079081	9/18/21	2:46 AM	DENNY-WEST	1	582	581.6167	9/18/21	12:28 PM	SP:11740 SW CAMDEN LN	0.000636	1.09E-06	582
1078403	9/18/21	3:06 AM	BOONES FERRY-WEMBLEY PARK	77	570	43890	9/18/21	12:36 PM	FUSE_OH:D2104C-833 / ABC / 100 A	0.04803	8.43E-05	570
1078404	9/18/21	3:06 AM	BOONES FERRY-WEMBLEY PARK	37	570	21090	9/18/21	12:36 PM	FUSE_OH:D2104B-113 / AB / 65 A	0.023079	4.05E-05	570
1079009	9/18/21	7:20 AM	EAGLE CREEK-BARTON	1	568	567.75	9/18/21	4:48 PM	SP:31815 SE WILDCAT MOUNTAIN DR	0.000621	1.09E-06	568
1078682	9/18/21	3:48 AM	ARLETA-HAROLD	14	553	7742	9/18/21	1:01 PM	XFM_OH:A 50 10090	0.008472	1.53E-05	553
1079508	9/18/21	10:23 AM	PLEASANT VALLEY-PLEASANT 13	805	549	441716.9	9/18/21	7:31 PM	RECL:3191	0.483384	8.81E-04	549
1079283	9/18/21	6:42 AM	EAGLE CREEK-RIVER MILL	9	548	4928.55	9/18/21	3:50 PM	FUSE_OH:D2317D-1337 / A / 40 A	0.005393	9.85E-06	548
1079175	9/18/21	8:44 AM	FAIRVIEW-TROUTDALE	5	545	2724.667	9/18/21	5:48 PM	XFM_OH:B 50 70719 C 15 60956	0.002982	5.47E-06	545
1078782	9/18/21	5:14 AM	ABERNETHY-TRANSIT	28	520	14555.33	9/18/21	1:53 PM	SP:315 HIGH ST	0.015928	3.06E-05	520
1077513	9/18/21	12:00 AM	ABERNETHY-TRANSIT	1	517	516.5167	9/18/21	8:37 AM	SP:616 11TH ST	0.000565	1.09E-06	517
1078487	9/18/21	3:54 AM	MULINO-SOUTH	51	504	25707.4	9/18/21	12:18 PM	TRIP_SAVER:D4227B-33 / B / 65 A	0.028132	5.58E-05	504
1079269	9/18/21	9:18 AM	YAMHILL-CARLTON	8	490	3918.8	9/18/21	5:27 PM	XFM_OH:C 15 55579	0.004288	8.75E-06	490
1079278	9/18/21	9:26 AM	E-11041	2	479	958.1333	9/18/21	5:25 PM	SP:2245 NW NICOLAI ST	0.001049	2.19E-06	479
1079287	9/18/21	9:37 AM	DUNNS CORNER-KELSO	1	478	477.5	9/18/21	5:35 PM	SP:30207 SE Kelso Rd_1	0.000523	1.09E-06	478
1078970	9/18/21	6:29 AM	HILLSBORO-LAUREL	10	453	4534.5	9/18/21	2:02 PM	FUSE_OH:C2310B-282 / B / 40 A	0.004962	1.09E-05	453
1078211	9/18/21	1:34 AM	EAGLE CREEK-RIVER MILL	204	453	92418.8	9/18/21	9:07 AM	RECL:2458	0.101137	2.23E-04	453
1078458	9/18/21	3:38 AM	BOONES FERRY-LAKE GROVE	67	448	30016	9/18/21	11:06 AM	FUSE_OH:D2108A-706 / ABC / 65 A	0.032847	7.33E-05	448
1079527	9/18/21	11:05 AM	DUNNS CORNER-DUNNS CORNER 13	12	442	5309.2	9/18/21	6:28 PM	FUSE_OH:D1532C-736 / B / 25 A	0.00581	1.31E-05	442

**Attachment A Summary  
of Outages 5 hours and longer PGE Service Territory  
September 18, 2021**

Outage #	Outage Date	Outage Time	Feeder Name	Customers Affected	Duration	Customer Minutes	Return Date	Return Time	Interrupt Location	SAIDI	SAIFI	CAIDI
1079103	9/18/21	8:40 AM	EAGLE CREEK-RIVER MILL	1	418	418.2167	9/18/21	3:38 PM	SP:19561 SE QUALLEY RD	0.000458	1.09E-06	418
1078373	9/18/21	2:14 AM	TURNER-TURNER 13	33	405	13366.1	9/18/21	8:59 AM	FUSE_OH:C9210A-110 / ABC / 40 A	0.014627	3.61E-05	405
1079816	9/18/21	2:05 PM	ORIENT-OXBOW	1	397	396.5	9/18/21	8:42 PM	SP:1314 SE CHRISTENSEN RD	0.000434	1.09E-06	397
1079581	9/18/21	11:35 AM	WILLAMINA-BUELL	1	391	391.25	9/18/21	6:06 PM	SP:3480 MILL CREEK RD	0.000428	1.09E-06	391
1078399	9/18/21	2:44 AM	PORTSMOUTH-WILLIS	1	387	387.1667	9/18/21	9:11 AM	SP:7004 N KELLOGG ST	0.000424	1.09E-06	387
1079014	9/18/21	7:24 AM	BEAVERTON-WEST SLOPE	8	375	3003.2	9/18/21	1:39 PM	XFM_OH:A 37.5 1124	0.003286	8.75E-06	375
1078942	9/18/21	5:38 AM	UNIVERSITY-TRADE	2	366	731.1333	9/18/21	11:43 AM	XFM_OH:A 25 10713	0.0008	2.19E-06	366
1080217	9/18/21	6:00 PM	MULTNOMAH-13181	10	364	3636.5	9/19/21	12:03 AM	XFM_OH:A 25 24367	0.00398	1.09E-05	364
1079320	9/18/21	10:16 AM	SHERIDAN-EAST	7	363	2539.717	9/18/21	4:18 PM	FUSE_OH:C5515B-1373 / A / 25 A	0.002779	7.66E-06	363
1079295	9/18/21	9:46 AM	ORIENT-ORIENT 13	1	359	358.85	9/18/21	3:45 PM	SP:6704 SE COTTRELL RD	0.000393	1.09E-06	359
1078999	9/18/21	7:13 AM	HOGAN SOUTH-MAIN	78	346	26998.4	9/18/21	12:59 PM	FUSE_OH:D1304C-2630 / A / 65 A_1	0.029545	8.54E-05	346
1078600	9/18/21	4:54 AM	NORTH PLAINS-NORTH PLAINS 13	441	338	149263.8	9/18/21	10:32 AM	RECL:3140	0.163344	4.83E-04	338
1078950	9/18/21	6:08 AM	RALEIGH HILLS-DOGWOOD	40	329	13147.33	9/18/21	11:36 AM	FUSE_OH:C1113B-3290 / B / 40 A	0.014388	4.38E-05	329
1079572	9/18/21	11:28 AM	BLUE LAKE-BLUE LAKE 13	1	327	327.0667	9/18/21	4:56 PM	SP:20601 NE Marine Dr	0.000358	1.09E-06	327
1079929	9/18/21	2:49 PM	BELL-KING	1	305	304.5167	9/18/21	7:53 PM	SP:3905 SE LLEWELLYN ST	0.000333	1.09E-06	305