



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

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

MAJOR EVENT EXCLUSION

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

July 22, 2021

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

Re: Major Event Exclusion
Period: June 28, 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 event that occurred on June 28, 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 June 28, 2021, PGE was in the midst of a multi-day heatwave causing numerous outages throughout our service territory. The heatwave caused many equipment-related outages. In particular, there were many overhead transformers affected during this heatwave. Also, there were multiple substation breaker-level events. The maximum temperature in the Portland area reached 116 degrees and the maximum temperature in the Salem area reached 117 degrees.

2. The Reliability reporting area and geographic area impacted.

PGE's entire service territory was impacted by the June 28, 2021 heatwave. 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 event, PGE had approximately 13,838 customers without power. During the event, a total of 22,965 customers were affected.

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

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

| | RELIABILITY REPORTING AREAS | | | SYSTEM-WIDE BASIS |
|------------------------------|-----------------------------|----------|---------|-----------------------|
| | EASTERN ¹ | SOUTHERN | WESTERN | PGE SERVICE TERRITORY |
| <i>SAIDI</i> ² | 6.69 | 0.60 | 1.02 | 8.30 |
| <i>SAIFI</i> ³ | 0.015 | 0.005 | 0.005 | 0.025 |
| <i>CAIDI</i> ⁴ | 443 | 123 | 196 | 330 |
| <i>Customers out at peak</i> | 12,670 | 665 | 503 | 13,838 |
| <i>T med</i> | | | | 4.80 |

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

² SAIDI - System Average Interruption Duration Index

³ SAIFI - System Average Interruption Frequency Index

⁴ CAIDI - Customer Average Interruption Duration Index

**Additional Reporting Related to the
June 28, 2021 Major 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. Please direct all formal correspondence and requests to the following email address pge.opuc.filings@pgn.com.

Sincerely,

A handwritten signature in black ink that reads "Benjamin H Hillam". The signature is written in a cursive, flowing style.

Benjamin Hillam
Interim Manager, Asset Management Analytics

Enclosures

Major Event Exclusion Period: **June 28, 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
June 28, 2021**

| Outage # | Outage Date | Outage Time | Feeder Name | Customers Affected | Duration | Customer Minutes | Return Date | Return Time | Interrupt Location | SAIDI | SAIFI | CAIDI |
|----------|-------------|-------------|-----------------------------|--------------------|----------|------------------|-------------|-------------|------------------------------------|----------|----------|-------|
| 1039883 | 6/28/21 | 3:10 PM | KING CITY-FISCHER | 10 | 1247 | 12466.5 | 6/29/21 | 11:56 AM | XFM_UG:A 25 72196 | 0.013642 | 1.09E-05 | 1,247 |
| 1040756 | 6/28/21 | 6:47 PM | SHERIDAN-KADELL | 80 | 1213 | 97077.33 | 6/29/21 | 3:00 PM | FUSE_OH:C5626D-1878 / B / 40 A | 0.106235 | 8.75E-05 | 1,213 |
| 1039521 | 6/28/21 | 1:10 PM | SILVERTON-SOUTH | 1 | 1184 | 1183.583 | 6/29/21 | 8:53 AM | SP:1019 SILVER FALLS DR NE_1 | 0.001295 | 1.09E-06 | 1,184 |
| 1039910 | 6/28/21 | 3:11 PM | SCHOLLS FERRY-ROY ROGERS | 8 | 1160 | 9280.933 | 6/29/21 | 10:31 AM | XFM_UG:B 25 72019 | 0.010156 | 8.75E-06 | 1,160 |
| 1039772 | 6/28/21 | 2:16 PM | MURRAYHILL-KINTON | 10 | 1144 | 11443.33 | 6/29/21 | 9:20 AM | XFM_UG:A 25 66257 | 0.012523 | 1.09E-05 | 1,144 |
| 1041695 | 6/28/21 | 9:50 PM | SYLVAN-PATTON | 1 | 1138 | 1137.617 | 6/29/21 | 4:48 PM | SP:4934 SW ELM LN | 0.001245 | 1.09E-06 | 1,138 |
| 1040191 | 6/28/21 | 4:59 PM | KING CITY-FISCHER | 17 | 1071 | 18205.58 | 6/29/21 | 10:49 AM | XFM_UG:C 50 39595 | 0.019923 | 1.86E-05 | 1,071 |
| 1040190 | 6/28/21 | 4:59 PM | SCHOLLS FERRY-KEMMER | 10 | 1064 | 10641.17 | 6/29/21 | 10:43 AM | XFM_UG:B 25 65634 | 0.011645 | 1.09E-05 | 1,064 |
| 1040974 | 6/28/21 | 7:19 PM | TIGARD-13362 | 13 | 1045 | 13581.1 | 6/29/21 | 12:43 PM | XFM_UG:A 50 35388 | 0.014862 | 1.42E-05 | 1,045 |
| 1040265 | 6/28/21 | 5:07 PM | OAK HILLS-OAK HILLS 13 | 9 | 986 | 8877.75 | 6/29/21 | 9:33 AM | XFM_UG:C 25 61800 | 0.009715 | 9.85E-06 | 986 |
| 1040305 | 6/28/21 | 5:18 PM | SYLVAN-BARNES | 8 | 980 | 7843.6 | 6/29/21 | 9:38 AM | XFM_OH:A 25 92599 | 0.008583 | 8.75E-06 | 980 |
| 1042978 | 6/28/21 | 7:00 PM | HUBER-KINNAMAN | 13 | 967 | 12568.62 | 6/29/21 | 11:06 AM | XFM_UG:A 50 9508 | 0.013754 | 1.42E-05 | 967 |
| 1040883 | 6/28/21 | 7:00 PM | SYLVAN-BARNES | 6 | 950 | 5700.7 | 6/29/21 | 10:50 AM | XFM_UG:B 25 73036 | 0.006238 | 6.57E-06 | 950 |
| 1040647 | 6/28/21 | 6:23 PM | FAIRMOUNT-MISSION | 6 | 943 | 5657.1 | 6/29/21 | 10:05 AM | FUSE_OH:C7332A-6997 / A / 6 A | 0.006191 | 6.57E-06 | 943 |
| 1040739 | 6/28/21 | 6:37 PM | HUBER-MARYVILLE | 12 | 903 | 10835.4 | 6/29/21 | 9:39 AM | XFM_UG:B 75 8568 | 0.011858 | 1.31E-05 | 903 |
| 1040301 | 6/28/21 | 5:14 PM | SCHOLLS FERRY-KEMMER | 10 | 894 | 8943.667 | 6/29/21 | 8:08 AM | XFM_UG:A 25 60373 | 0.009787 | 1.09E-05 | 894 |
| 1040546 | 6/28/21 | 6:04 PM | AMITY-BELLEVUE | 12 | 884 | 10611.4 | 6/29/21 | 8:48 AM | FUSE_OH:C6502C-952 / AB / 40 A | 0.011612 | 1.31E-05 | 884 |
| 1040961 | 6/28/21 | 7:19 PM | PROGRESS-GREENBURG | 10 | 861 | 8605.667 | 6/29/21 | 9:39 AM | XFM_UG:B 25 73789 | 0.009417 | 1.09E-05 | 861 |
| 1040152 | 6/28/21 | 4:40 PM | WILSONVILLE-PARKWAY | 5 | 823 | 4116.75 | 6/29/21 | 6:23 AM | SP:8275 SW ELLIGSEN RD_2 | 0.004505 | 5.47E-06 | 823 |
| 1041366 | 6/28/21 | 8:02 PM | JENNINGS LODGE-OAK GROVE | 10 | 822 | 8224.833 | 6/29/21 | 9:44 AM | FUSE_OH:D2113A-11330 / ABC / 100 A | 0.009001 | 1.09E-05 | 822 |
| 1040342 | 6/28/21 | 5:33 PM | BROOKWOOD-SUNRISE | 9 | 814 | 7328.7 | 6/29/21 | 7:07 AM | XFM_UG:C 25 74142 | 0.00802 | 9.85E-06 | 814 |
| 1040930 | 6/28/21 | 7:15 PM | BROOKWOOD-SUNRISE | 2 | 780 | 1559.367 | 6/29/21 | 8:14 AM | PM:5940608185 | 0.001706 | 2.19E-06 | 780 |
| 1041312 | 6/28/21 | 8:06 PM | LIBERAL-LIBERAL 13 | 1 | 768 | 768.3667 | 6/29/21 | 8:54 AM | SP:28889 S NEEDEY RD_1 | 0.000841 | 1.09E-06 | 768 |
| 1041402 | 6/28/21 | 8:18 PM | HARMONY-MILWAUKIE | 2 | 752 | 1504.767 | 6/29/21 | 8:50 AM | XFM_OH:B 25 50898 | 0.001647 | 2.19E-06 | 752 |
| 1041681 | 6/28/21 | 9:48 PM | INDIAN-NORTH | 1 | 728 | 728.4667 | 6/29/21 | 9:56 AM | SP:7621 2ND AV N | 0.000797 | 1.09E-06 | 728 |
| 1041677 | 6/28/21 | 9:43 PM | TIGARD-13362 | 22 | 726 | 15978.6 | 6/29/21 | 9:49 AM | FUSE_OH:C2103C-2150 / C / 40 A | 0.017486 | 2.41E-05 | 726 |
| 1041658 | 6/28/21 | 9:41 PM | OSWEGO-MARYLHURST | 180 | 708 | 127377 | 6/29/21 | 9:28 AM | FUSE_OH:D2115A-2050 / ABC / 65 A | 0.139392 | 1.97E-04 | 708 |
| 1041856 | 6/28/21 | 7:44 PM | KELLY BUTTE-MALL 205 | 539 | 695 | 374658.9 | 6/29/21 | 7:19 AM | SW_OHLB:2577 | 0.410001 | 5.90E-04 | 695 |
| 1039206 | 6/28/21 | 8:53 AM | WEST PORTLAND-PACIFIC | 1 | 669 | 668.9 | 6/28/21 | 8:02 PM | SP:10555 SW CAPITOL HWY | 0.000732 | 1.09E-06 | 669 |
| 1041029 | 6/28/21 | 7:29 PM | HUBER-BANY | 11 | 667 | 7340.483 | 6/29/21 | 6:36 AM | XFM_UG:B 25 60478 | 0.008033 | 1.20E-05 | 667 |
| 1041646 | 6/28/21 | 9:36 PM | GLENCOE-SUNNYSIDE | 9 | 646 | 5818.05 | 6/29/21 | 8:22 AM | XFM_OH:C 25 91666 | 0.006367 | 9.85E-06 | 646 |
| 1041917 | 6/28/21 | 7:44 PM | KELLY BUTTE-BINNSMEAD | 2017 | 644 | 1298948 | 6/29/21 | 6:28 AM | SW_OHLB:2909 | 1.421478 | 0.002207 | 644 |
| 1042423 | 6/28/21 | 7:36 PM | KELLY BUTTE-BINNSMEAD | 3346 | 622 | 2081212 | 6/29/21 | 5:58 AM | BKR:KELLY BUTTE R102 | 2.277533 | 3.66E-03 | 622 |
| 1041072 | 6/28/21 | 7:44 PM | KELLY BUTTE-MALL 205 | 2445 | 663 | 1479310 | 6/29/21 | 6:47 AM | BKR:KELLY BUTTE R126 | 1.618854 | 2.68E-03 | 605 |
| 1040719 | 6/28/21 | 6:38 PM | BETHANY-BURTON | 11 | 574 | 6315.1 | 6/29/21 | 4:12 AM | XFM_UG:A 50 33614 | 0.006911 | 1.20E-05 | 574 |
| 1038846 | 6/28/21 | 12:49 AM | MOLALLA-MARQUAM | 71 | 567 | 40257 | 6/28/21 | 10:16 AM | RECL:9515 | 0.044054 | 7.77E-05 | 567 |
| 1040592 | 6/28/21 | 6:15 PM | BETHANY-SPRINGVILLE | 11 | 553 | 6083.367 | 6/29/21 | 3:28 AM | XFM_UG:A 25 67456 | 0.006657 | 1.20E-05 | 553 |
| 1040408 | 6/28/21 | 5:53 PM | SIX CORNERS-13359 | 11 | 535 | 5883.167 | 6/29/21 | 2:47 AM | XFM_UG:A 25 60343 | 0.006438 | 1.20E-05 | 535 |
| 1041816 | 6/28/21 | 10:42 PM | CENTENNIAL-TREELAND | 1 | 532 | 531.5667 | 6/29/21 | 7:33 AM | SP:17133 SE WOODWARD ST | 0.000582 | 1.09E-06 | 532 |
| 1039815 | 6/28/21 | 2:41 PM | MURRAYHILL-KINTON | 53 | 517 | 27389.52 | 6/28/21 | 11:17 PM | FUSE_OH:C1132D-6367 / A / 40 A | 0.029973 | 5.80E-05 | 517 |
| 1041410 | 6/28/21 | 7:24 PM | KING CITY-SUMMERFIELD | 6 | 509 | 3053.5 | 6/29/21 | 3:52 AM | XFM_UG:A 50 66868 | 0.003342 | 6.57E-06 | 509 |
| 1041850 | 6/28/21 | 11:04 PM | ABERNETHY-CLACKAMAS HEIGHTS | 207 | 491 | 101671.5 | 6/29/21 | 7:15 AM | FUSE_OH:D2220D-2540 / ABC / 100 A | 0.111262 | 2.27E-04 | 491 |
| 1040757 | 6/28/21 | 6:50 PM | TEMP A-BRAVO | 1 | 484 | 484.0667 | 6/29/21 | 2:54 AM | SP:5880 NW ST HELENS RD_2 | 0.00053 | 1.09E-06 | 484 |
| 1040309 | 6/28/21 | 5:15 PM | MURRAYHILL-KINTON | 16 | 467 | 7469.067 | 6/29/21 | 1:01 AM | XFM_UG:A 50 38011 | 0.008174 | 1.75E-05 | 467 |
| 1041125 | 6/28/21 | 11:50 PM | CEDAR HILLS-SYLVAN | 1 | 448 | 447.6167 | 6/29/21 | 7:17 AM | FUSE_OH:C1112B-7481 / AC / 65 A | 0.00049 | 1.09E-06 | 448 |
| 1040360 | 6/28/21 | 5:37 PM | SIX CORNERS-CHAPMAN | 10 | 444 | 4436.167 | 6/29/21 | 1:00 AM | XFM_UG:B 25 60895 | 0.004855 | 1.09E-05 | 444 |
| 1039444 | 6/28/21 | 12:06 PM | HEMLOCK-FREMONT | 1 | 429 | 428.9833 | 6/28/21 | 7:14 PM | SP:3233 NE 162ND AVE | 0.000469 | 1.09E-06 | 429 |
| 1039488 | 6/28/21 | 12:52 PM | CENTENNIAL-TREELAND | 10 | 428 | 4277.333 | 6/28/21 | 7:59 PM | XFM_OH:C 25 13602 | 0.004681 | 1.09E-05 | 428 |
| 1040896 | 6/28/21 | 7:25 PM | WALLACE-WALLACE 13 | 65 | 427 | 27755 | 6/29/21 | 2:32 AM | FUSE_OH:C6317B-27 / BC / 65 A | 0.030373 | 7.11E-05 | 427 |
| 1040013 | 6/28/21 | 3:58 PM | MAIN-BENTLEY | 10 | 416 | 4157.333 | 6/28/21 | 10:53 PM | XFM_UG:B 25 67125 | 0.004549 | 1.09E-05 | 416 |
| 1040971 | 6/28/21 | 7:18 PM | CORNELL-BLUFFS | 10 | 405 | 4054.5 | 6/29/21 | 2:03 AM | XFM_UG:C 50 63321 | 0.004437 | 1.09E-05 | 405 |

**Attachment A Summary
of Outages 5 hours and longer PGE Service Territory
June 28, 2021**

| Outage # | Outage Date | Outage Time | Feeder Name | Customers Affected | Duration | Customer Minutes | Return Date | Return Time | Interrupt Location | SAIDI | SAIFI | CAIDI |
|----------|-------------|-------------|-----------------------------|--------------------|----------|------------------|-------------|-------------|-----------------------------------|----------|----------|-------|
| 1040600 | 6/28/21 | 6:18 PM | CORNELL-SALTZMAN | 6 | 367 | 2200.4 | 6/29/21 | 12:24 AM | XFM_UG:C 25 72910 | 0.002408 | 6.57E-06 | 367 |
| 1040894 | 6/28/21 | 6:59 PM | ROCK CREEK-FOREST PARK | 10 | 362 | 3621.333 | 6/29/21 | 1:01 AM | XFM_UG:A 25 62405 | 0.003963 | 1.09E-05 | 362 |
| 1039829 | 6/28/21 | 2:44 PM | KING CITY-FISCHER | 15 | 351 | 5268.75 | 6/28/21 | 8:35 PM | XFM_UG:B 50 122491 | 0.005766 | 1.64E-05 | 351 |
| 1040426 | 6/28/21 | 5:59 PM | WILSONVILLE-BOECKMAN | 14 | 351 | 4909.567 | 6/28/21 | 11:49 PM | XFM_UG:B 50 26975 | 0.005373 | 1.53E-05 | 351 |
| 1040674 | 6/28/21 | 4:56 PM | LIBERTY-SKYLINE | 6 | 350 | 2102.2 | 6/28/21 | 10:46 PM | SP:2110 RED OAK DR S | 0.002301 | 6.57E-06 | 350 |
| 1039281 | 6/28/21 | 10:15 AM | PLEASANT VALLEY-PLEASANT 13 | 10 | 333 | 3326.667 | 6/28/21 | 3:47 PM | XFM_UG:C 50 11795 | 0.00364 | 1.09E-05 | 333 |
| 1040116 | 6/28/21 | 4:31 PM | PLEASANT VALLEY-MOON | 10 | 332 | 3323.333 | 6/28/21 | 10:03 PM | XFM_UG:B 25 57980 | 0.003637 | 1.09E-05 | 332 |
| 1040308 | 6/28/21 | 5:18 PM | KING CITY-FISCHER | 9 | 330 | 2965.5 | 6/28/21 | 10:47 PM | XFM_UG:A 25 73517 | 0.003245 | 9.85E-06 | 330 |
| 1040174 | 6/28/21 | 4:44 PM | MURRAYHILL-KINTON | 37 | 324 | 11988 | 6/28/21 | 10:08 PM | ELBOW:C2105B-746-2 | 0.013119 | 4.05E-05 | 324 |
| 1039291 | 6/28/21 | 10:30 AM | CORNELIUS-CORNELIUS 13 | 1 | 309 | 309.2 | 6/28/21 | 3:39 PM | SP:860 N ADAIR ST | 0.000338 | 1.09E-06 | 309 |
| 1040281 | 6/28/21 | 5:11 PM | BANKS-CEDAR CANYON | 11 | 308 | 3387.633 | 6/28/21 | 10:18 PM | XFM_UG:B 25 67055 | 0.003707 | 1.20E-05 | 308 |
| 1041508 | 6/28/21 | 9:17 PM | ORIENT-OXBOW | 27 | 307 | 8289.9 | 6/29/21 | 2:24 AM | FUSE_OH:D1504A-884 / C / 40 A | 0.009072 | 2.95E-05 | 307 |
| 1039190 | 6/28/21 | 8:40 AM | MOLALLA-BUCKAROO | 1 | 304 | 304.1 | 6/28/21 | 1:44 PM | SP:142 SHIRLEY ST UNIT 7 | 0.000333 | 1.09E-06 | 304 |
| 1040409 | 6/28/21 | 5:57 PM | BOONES FERRY-GOODALL | 105 | 301 | 31605 | 6/28/21 | 10:58 PM | FUSE_OH:D1133B-3726 / ABC / 100 A | 0.034586 | 1.15E-04 | 301 |
| 1039952 | 6/28/21 | 3:10 PM | REEDVILLE-TV | 642 | 301 | 193242 | 6/28/21 | 8:11 PM | FUSE_OH:C1211A-758 / ABC / 100 A | 0.211471 | 0.000703 | 301 |