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PECO
2301 Market Street
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Philadelphia, PA 19103

August 13, 2021

VIA E-Filing

Rosemary Chiavetta, Secretary
Pennsylvania Public Utility Commission
Commonwealth Keystone Building
400 North Street
Harrisburg, Pennsylvania 17120

RE: PECO Energy Company ("PECO") Outage Report - Docket No. M-2021-3023564

Dear Secretary Chiavetta:

Pursuant to 52 Pa. Code § 67.1, attached is PECO Energy Company's ("PECO") written outage report for the storm that occurred on Thursday, July 29, 2021. The interruptions occurred as a result of two confirmed tornadoes that caused downed tree limbs on power lines and interrupted electric service.

Due to the ongoing COVID-19 pandemic, PECO's office personnel are working remotely. Accordingly, PECO will not have its usual access to photocopying and U.S. mail, among other services. PECO requests that all communications with PECO be transmitted by email.

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Sincerely,



Attachment

CC: Dan Searfoorce, Bureau of Technical Utility Services (via e-mail)
Derek Ruhl, Bureau of Technical Utility Services (via e-mail)
John Van Zant, Bureau of Technical Utility Services (via e-mail)

REPORT OF SERVICE OUTAGE TO
PENNSYLVANIA PUBLIC UTILITY COMMISSION
SECRETARY'S BUREAU
P O BOX 3265
HARRISBURG, PA 17105-3265

Phone-In Reports: Always call (717) 773-7377
Email RA-PUCPEMA@pa.gov

An original and one copy of this report are to be mailed to the Secretary's Bureau at the address above, even if an electronic copy has been emailed to the address above.

Information Required:

1. Reporting Utility: PECO Energy
Address: 2301 Market St.
Philadelphia Pa 19101

2. Name and title of person making report:
Ai Vi Truong Associate Engineer
(Name) *(Title)*

3. Telephone number: 215-841-5815
(Telephone Number)

4. Date and time initial telephonic report was made to Commission:

07/29/2021 12:30
(Date) *(Time)*

5. Interruption or Outage:

(a) Number of customers affected: 11,417

(b) Approximate number of outage cases and trouble cases for each county affected during the event:

County	Outage Cases	Non-Outage Cases
Bucks	37	65
Chester	2	14
Delaware	2	58
Montgomery	14	78
Philadelphia	11	159
York	0	0

(c) Approximate number of outages (customers interrupted) for each county affected during the event

County	Sustained Customer Interruptions
Bucks	7449
Chester	158
Delaware	6
Montgomery	428
Philadelphia	3376
York	0

- (d) Approximate number of outage cases exceeding 6 or more hours in duration: 68 outage cases exceeded 6 or more hours in duration.
- (e) A listing of each outage case exceeding 6 or more hours in duration, including the following information: See Appendix. Note: partial restoration steps are listed individually to accurately represent the specified detail.

Outage Case	Approximate Geographic Location(County)	Total Number of Customers Affected	Duration of the Outage	Initial Date and Time of the Outage	Restoration Date and Time
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- (f) Reason for the interruption or outages: Two confirmed tornadoes caused downed tree limbs on power lines and interrupted electric service to 11,417 customers
- (g) Projected time of restoration: The ETR was 23:00 hours on 07/30/2021.
- (h) The number of utility workers, contract workers, and workers received as mutual aid assigned specifically to the repair work by general function that is linemen, trouble men, tree crew, and the like:

Utility / Company	Number of Workers	General Function
Tree Contractor	165	Tree Trimmer
Line Contractor	207	Lineman
PECO	27	Lineman
PECO	5	Foreman
PECO	0	Energy Technician
PECO	2	Other Technician

- (i) The date and time of the first information of a service interruption: 07/29/2021 17:04
- (j) The date and time that repair crews were assembled: Repair crews were already on system
- (k) The actual time that service was restored to the last affected customer: 08/04/2021 09:33
- (l) A general description of the physical damage sustained by the utility facilities as a result of the interruption/outage: Damage to electric facilities required the use of the following materials:

Materials	
Transformers	9
Poles	20
Storm Kits	27
Crossarms	54

- (m) If the interruption / outage event was weather-related, the utility’s weather reports, outlooks, or scenarios for the day before and the day of the interruption / outage event.

Forecast issued on WEDNESDAY, JULY 28, 2021 TIME: 04:55

Increasing moisture levels will interact with daytime heating to support a risk of scattered showers and thunderstorms during the afternoon and early evening hours today. A few outage producing storms will be possible, with the main threats being frequent lightning and strong wind gusts. There continues to be some uncertainty in regards to just how much activity will be able to develop, although any storms that do manage to develop could be strong.

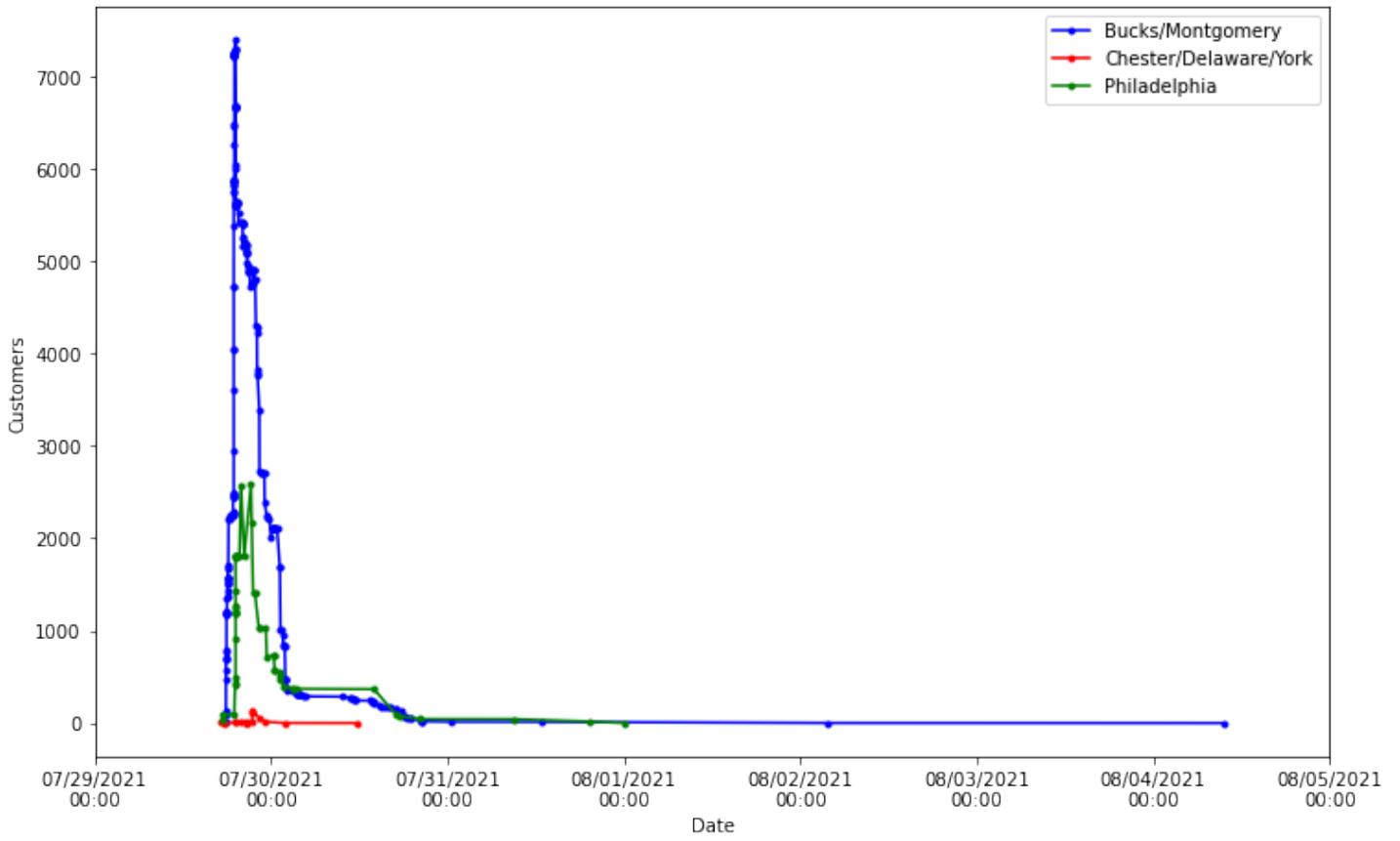
Forecast issued on THURSDAY, JULY 29, 2021 TIME: 04:06

Scattered to numerous thunderstorm wind gusts of 30-43 mph, isolated to scattered thunderstorm wind gusts of 43-55 mph, and isolated thunderstorm wind gusts up to 60 mph are possible today between 4-10 p.m.

- (n) If the interruption / outage event caused approximate outages that exceed 10% or more of customers in the utility’s entire service territory, rank the event in terms of the number and duration of outages and provide 2 comparable events, including the number and duration of outages for those comparable events:

The event did not cause outages that approach or exceed 10% of PECO customers.

The following graph depicts the time progression of the total number of customers affected by the storm by date and time.



Outage Case	Approximate Geographic Location (County)	Total Number of Customers Affected	Duration of the Outage (min)	Initial Date and Time of the Outage	Restoration Date and Time
1	BUCKS	10	1467	07/29/2021 05:48 PM	07/30/2021 06:15 PM
2	BUCKS	15	1425	07/29/2021 05:51 PM	07/30/2021 05:36 PM
3	BUCKS	35	1438	07/29/2021 05:51 PM	07/30/2021 05:49 PM
4	BUCKS	9	1469	07/29/2021 05:55 PM	07/30/2021 06:24 PM
5	BUCKS	12	632	07/29/2021 05:55 PM	07/30/2021 04:27 AM
6	BUCKS	5	482	07/29/2021 05:59 PM	07/30/2021 02:01 AM
7	BUCKS	3	943	07/29/2021 05:59 PM	07/30/2021 09:42 AM
8	BUCKS	1	1201	07/29/2021 05:59 PM	07/30/2021 02:00 PM
9	BUCKS	13	1200	07/29/2021 05:59 PM	07/30/2021 01:59 PM
10	BUCKS	12	1338	07/29/2021 06:01 PM	07/30/2021 04:19 PM
11	BUCKS	1	1377	07/29/2021 06:02 PM	07/30/2021 04:59 PM
12	BUCKS	4	1318	07/29/2021 06:03 PM	07/30/2021 04:01 PM
13	BUCKS	93	452	07/29/2021 06:05 PM	07/30/2021 01:37 AM
14	BUCKS	5	466	07/29/2021 06:05 PM	07/30/2021 01:51 AM
15	BUCKS	23	1431	07/29/2021 06:10 PM	07/30/2021 06:01 PM
16	BUCKS	2	365	07/29/2021 06:43 PM	07/30/2021 12:48 AM
17	BUCKS	1	442	07/29/2021 06:46 PM	07/30/2021 02:08 AM
18	BUCKS	32	1191	07/29/2021 06:55 PM	07/30/2021 02:46 PM
19	BUCKS	2	421	07/29/2021 06:55 PM	07/30/2021 01:56 AM
20	BUCKS	9	376	07/29/2021 06:55 PM	07/30/2021 01:11 AM
21	BUCKS	420	375	07/29/2021 06:55 PM	07/30/2021 01:10 AM
22	BUCKS	1	1532	07/29/2021 06:55 PM	07/30/2021 08:27 PM
23	BUCKS	670	381	07/29/2021 06:55 PM	07/30/2021 01:16 AM
24	BUCKS	357	421	07/29/2021 06:55 PM	07/30/2021 01:56 AM
25	BUCKS	65	401	07/29/2021 06:55 PM	07/30/2021 01:36 AM
26	BUCKS	15	402	07/29/2021 06:55 PM	07/30/2021 01:37 AM
27	BUCKS	10	1446	07/29/2021 06:55 PM	07/30/2021 07:01 PM
28	BUCKS	9	955	07/29/2021 06:59 PM	07/30/2021 10:54 AM
29	BUCKS	16	1315	07/29/2021 06:59 PM	07/30/2021 04:54 PM
30	BUCKS	2	578	07/29/2021 06:59 PM	07/30/2021 04:37 AM
31	BUCKS	14	1525	07/29/2021 06:59 PM	07/30/2021 08:24 PM
32	BUCKS	12	4843	07/29/2021 06:59 PM	08/02/2021 03:42 AM
33	BUCKS	10	1507	07/29/2021 06:59 PM	07/30/2021 08:06 PM
34	BUCKS	5	1773	07/29/2021 06:59 PM	07/31/2021 12:32 AM
35	BUCKS	4	390	07/29/2021 06:59 PM	07/30/2021 01:29 AM
36	BUCKS	1	8074	07/29/2021 06:59 PM	08/04/2021 09:33 AM
37	BUCKS	10	990	07/29/2021 07:01 PM	07/30/2021 11:31 AM
38	BUCKS	6	1116	07/29/2021 07:10 PM	07/30/2021 01:46 PM
39	BUCKS	32	493	07/29/2021 07:11 PM	07/30/2021 03:24 AM
40	BUCKS	13	958	07/29/2021 07:15 PM	07/30/2021 11:13 AM
41	BUCKS	3	503	07/29/2021 07:15 PM	07/30/2021 03:38 AM
42	BUCKS	1	504	07/29/2021 07:15 PM	07/30/2021 03:39 AM
43	BUCKS	5	505	07/29/2021 07:15 PM	07/30/2021 03:40 AM

Outage Case	Approximate Geographic Location (County)	Total Number of Customers Affected	Duration of the Outage (min)	Initial Date and Time of the Outage	Restoration Date and Time
44	BUCKS	3	499	07/29/2021 07:15 PM	07/30/2021 03:34 AM
45	BUCKS	9	916	07/29/2021 07:22 PM	07/30/2021 10:38 AM
46	BUCKS	3	463	07/29/2021 08:06 PM	07/30/2021 03:49 AM
47	BUCKS	1	413	07/29/2021 08:06 PM	07/30/2021 02:59 AM
48	BUCKS	1	462	07/29/2021 08:06 PM	07/30/2021 03:48 AM
49	BUCKS	9	1121	07/29/2021 08:22 PM	07/30/2021 03:03 PM
50	BUCKS	1	2419	07/29/2021 08:32 PM	07/31/2021 12:51 PM
51	BUCKS	1	751	07/29/2021 10:58 PM	07/30/2021 11:29 AM
52	DELAWARE	1	959	07/29/2021 07:50 PM	07/30/2021 11:49 AM
53	MONTGOMERY	1	1090	07/29/2021 07:12 PM	07/30/2021 01:22 PM
54	MONTGOMERY	1	1108	07/29/2021 07:16 PM	07/30/2021 01:44 PM
55	MONTGOMERY	1	1408	07/29/2021 07:26 PM	07/30/2021 06:54 PM
56	MONTGOMERY	1	1168	07/29/2021 08:03 PM	07/30/2021 03:31 PM
57	PHILADELPHIA	42	464	07/29/2021 05:28 PM	07/30/2021 01:12 AM
58	PHILADELPHIA	42	465	07/29/2021 05:28 PM	07/30/2021 01:13 AM
59	PHILADELPHIA	19	367	07/29/2021 06:59 PM	07/30/2021 01:06 AM
60	PHILADELPHIA	15	1345	07/29/2021 07:10 PM	07/30/2021 05:35 PM
61	PHILADELPHIA	17	3177	07/29/2021 07:10 PM	08/01/2021 12:07 AM
62	PHILADELPHIA	26	2890	07/29/2021 07:10 PM	07/31/2021 07:20 PM
63	PHILADELPHIA	67	393	07/29/2021 07:10 PM	07/30/2021 01:43 AM
64	PHILADELPHIA	278	1311	07/29/2021 07:10 PM	07/30/2021 05:01 PM
65	PHILADELPHIA	1	2269	07/29/2021 07:10 PM	07/31/2021 08:59 AM
66	PHILADELPHIA	4	1129	07/29/2021 07:10 PM	07/30/2021 01:59 PM
67	PHILADELPHIA	30	1507	07/29/2021 07:10 PM	07/30/2021 08:17 PM
68	PHILADELPHIA	1	490	07/29/2021 07:14 PM	07/30/2021 03:24 AM