



AN EXELON COMPANY

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PECO
2301 Market Street
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Philadelphia, PA 19103

July 8, 2022

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 Friday, May 6, 2022. The interruptions occurred as a result of a wind, rain, and lightning storm that caused downed tree limbs on power lines and interrupted electric service. PECO requested an extension of time to file the Storm Report due to a software update to the Outage Management System. The Bureau of Technical Utility Services approved the request on May 23rd.

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.

Thank you for your assistance in this matter and please direct any questions regarding the above to Megan McDevitt, Senior Manager, Retail Rates at (215) 841 6361 or via email: megan.mcdevitt@exeloncorp.com.

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)
RA-PUCPEMA@pa.gov (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 Engineer
(Name) *(Title)*

3. Telephone number: 215-841-5554
(Telephone Number)

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

05/07/2022 13:20
(Date) *(Time)*

5. Interruption or Outage:

(a) Number of customers affected: 28,053

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

County	Outage Cases	Non-Outage Cases
Bucks	32	82
Chester	50	93
Delaware	27	93
Montgomery	38	92
Philadelphia	32	288
York	1	24

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

County	Sustained Customer Interruptions
Bucks	8573
Chester	6504
Delaware	3626
Montgomery	2709
Philadelphia	6631
York	10

(d) Approximate number of outage cases exceeding 6 or more hours in duration: 161 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: Wind rain lightning storm caused downed tree limbs on power lines and interrupted electric service to 28,053 customers

(g) Projected time of restoration: The ETR was 3:00 hours on 5/9/2022.

(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	70	Tree Trimmer
Line Contractor	74	Lineman
PECO	235	Lineman
PECO	52	Foreman
PECO	19	Energy Technician
PECO	42	Other Technician

(i) The date and time of the first information of a service interruption: 05/06/2022 18:09

(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: 05/09/2022 21:44

(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	19
Poles	12
Storm Kits	2
Crossarms	7

- (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 FRIDAY, MAY 06, 2022 TIME: 04:55

Steady rain through much of the day with extensive storm total rain amounts of 2-2.5 inches expected by Midnight. Scattered to numerous wind gusts 30-34 mph possible, starting 9-10 a.m. Saturday and ending by 10-11 p.m. Scattered sustained winds of 19-22 mph possible during this time-frame as well.

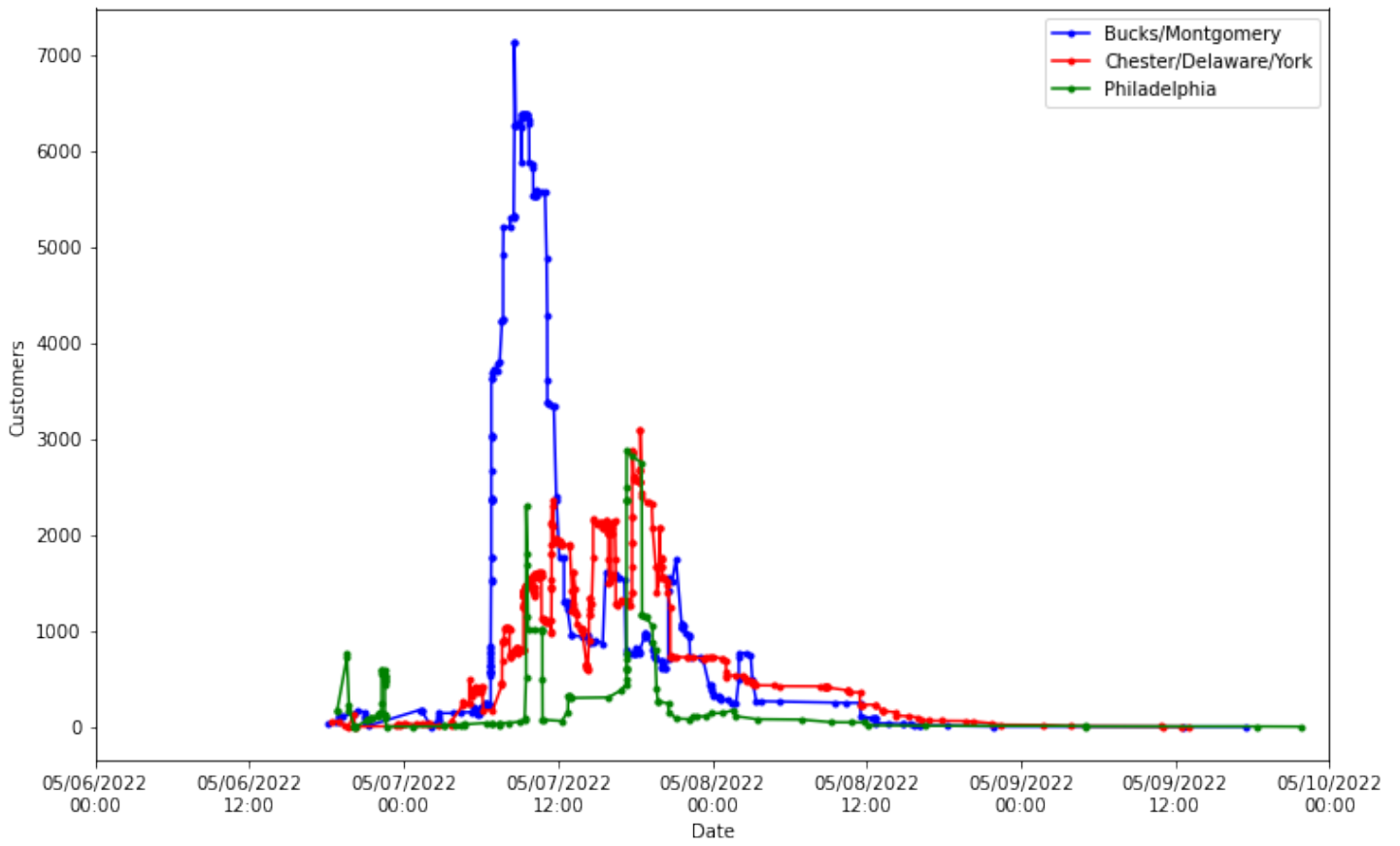
Forecast issued on SATURDAY, MAY 07, 2022 TIME: 04:55

Rainfall accumulation of 1-2" has occurred since Friday service area-wide, and another 0.3-0.9" is expected by Midnight. This will lead to extensive two-day rainfall accumulation of 1.3-2.9". Extensive sustained wind of 16-19 mph is expected and isolated to scattered sustained of 20-23 mph will be possible. Extensive gusts of 30-37 mph and isolated to widely-scattered gusts of 38-41 mph are possible throughout today.

- (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	Total Number of Customers Affected	Duration of the Outage	Initial Date and Time of the Outage	Restoration Date and Time
1	BUCKS	13	496	05/07/2022 02:43 AM	05/07/2022 10:59 AM
2	BUCKS	1	1834	05/07/2022 03:49 AM	05/08/2022 10:23 AM
3	BUCKS	5	1116	05/07/2022 05:16 AM	05/07/2022 11:52 PM
4	BUCKS	23	1179	05/07/2022 05:48 AM	05/08/2022 01:27 AM
5	BUCKS	1	1812	05/07/2022 06:28 AM	05/08/2022 12:40 PM
6	BUCKS	1	3245	05/07/2022 06:35 AM	05/09/2022 12:40 PM
7	BUCKS	7	2345	05/07/2022 06:43 AM	05/08/2022 09:48 PM
8	BUCKS	28	1037	05/07/2022 06:46 AM	05/08/2022 12:03 AM
9	BUCKS	36	633	05/07/2022 06:46 AM	05/07/2022 05:19 PM
10	BUCKS	27	1068	05/07/2022 06:46 AM	05/08/2022 12:34 AM
11	BUCKS	11	989	05/07/2022 06:46 AM	05/07/2022 11:15 PM
12	BUCKS	21	1027	05/07/2022 06:46 AM	05/07/2022 11:53 PM
13	BUCKS	1	1068	05/07/2022 06:46 AM	05/08/2022 12:34 AM
14	BUCKS	43	846	05/07/2022 06:46 AM	05/07/2022 08:52 PM
15	BUCKS	40	590	05/07/2022 06:46 AM	05/07/2022 04:36 PM
16	BUCKS	1	1789	05/07/2022 06:49 AM	05/08/2022 12:38 PM
17	BUCKS	282	1016	05/07/2022 06:49 AM	05/07/2022 11:45 PM
18	BUCKS	13	920	05/07/2022 06:49 AM	05/07/2022 10:09 PM
19	BUCKS	12	924	05/07/2022 06:49 AM	05/07/2022 10:13 PM
20	BUCKS	2	667	05/07/2022 06:49 AM	05/07/2022 05:56 PM
21	BUCKS	6	1996	05/07/2022 06:49 AM	05/08/2022 04:05 PM
22	BUCKS	1	1948	05/07/2022 06:52 AM	05/08/2022 03:20 PM
23	BUCKS	11	418	05/07/2022 06:57 AM	05/07/2022 01:55 PM
24	BUCKS	73	428	05/07/2022 07:21 AM	05/07/2022 02:29 PM
25	BUCKS	3	1209	05/07/2022 07:39 AM	05/08/2022 03:48 AM
26	BUCKS	8	1640	05/07/2022 08:33 AM	05/08/2022 11:53 AM
27	BUCKS	7	373	05/07/2022 08:33 AM	05/07/2022 02:46 PM
28	BUCKS	4	690	05/07/2022 08:33 AM	05/07/2022 08:03 PM
29	BUCKS	2	1726	05/07/2022 08:55 AM	05/08/2022 01:41 PM
30	BUCKS	7	546	05/07/2022 09:08 AM	05/07/2022 06:14 PM
31	BUCKS	1	1619	05/07/2022 09:26 AM	05/08/2022 12:25 PM
32	BUCKS	11	898	05/07/2022 09:36 AM	05/08/2022 12:34 AM
33	BUCKS	1	3230	05/07/2022 11:40 AM	05/09/2022 05:30 PM
34	BUCKS	6	1307	05/07/2022 06:18 PM	05/08/2022 04:05 PM
35	BUCKS	1	1205	05/07/2022 06:43 PM	05/08/2022 02:48 PM
36	BUCKS	6	428	05/07/2022 06:43 PM	05/08/2022 01:51 AM
37	BUCKS	144	899	05/07/2022 08:34 PM	05/08/2022 11:33 AM
38	CHESTER	3	386	05/07/2022 03:40 AM	05/07/2022 10:06 AM
39	CHESTER	28	478	05/07/2022 05:30 AM	05/07/2022 01:28 PM
40	CHESTER	14	2329	05/07/2022 07:38 AM	05/08/2022 10:27 PM
41	CHESTER	6	369	05/07/2022 07:43 AM	05/07/2022 01:52 PM
42	CHESTER	12	2647	05/07/2022 07:43 AM	05/09/2022 03:50 AM
43	CHESTER	1	3202	05/07/2022 07:43 AM	05/09/2022 01:05 PM
44	CHESTER	7	1118	05/07/2022 07:48 AM	05/08/2022 02:26 AM

2022/05/06 WIND RAIN STORM 6 OR MORE HOURS

Outage Case	Approximate Geographic Location	Total Number of Customers Affected	Duration of the Outage	Initial Date and Time of the Outage	Restoration Date and Time
45	CHESTER	2	1153	05/07/2022 07:48 AM	05/08/2022 03:01 AM
46	CHESTER	5	473	05/07/2022 08:48 AM	05/07/2022 04:41 PM
47	CHESTER	7	1097	05/07/2022 08:51 AM	05/08/2022 03:08 AM
48	CHESTER	2	534	05/07/2022 09:19 AM	05/07/2022 06:13 PM
49	CHESTER	70	946	05/07/2022 09:20 AM	05/08/2022 01:06 AM
50	CHESTER	2	991	05/07/2022 09:20 AM	05/08/2022 01:51 AM
51	CHESTER	1	1076	05/07/2022 09:21 AM	05/08/2022 03:17 AM
52	CHESTER	12	1521	05/07/2022 09:21 AM	05/08/2022 10:42 AM
53	CHESTER	1	1399	05/07/2022 09:22 AM	05/08/2022 08:41 AM
54	CHESTER	1	1412	05/07/2022 09:22 AM	05/08/2022 08:54 AM
55	CHESTER	2	1405	05/07/2022 09:22 AM	05/08/2022 08:47 AM
56	CHESTER	4	1416	05/07/2022 09:22 AM	05/08/2022 08:58 AM
57	CHESTER	28	507	05/07/2022 09:22 AM	05/07/2022 05:49 PM
58	CHESTER	1	1409	05/07/2022 09:22 AM	05/08/2022 08:51 AM
59	CHESTER	2	765	05/07/2022 09:22 AM	05/07/2022 10:07 PM
60	CHESTER	12	513	05/07/2022 09:22 AM	05/07/2022 05:55 PM
61	CHESTER	14	1074	05/07/2022 09:23 AM	05/08/2022 03:17 AM
62	CHESTER	9	1073	05/07/2022 09:24 AM	05/08/2022 03:17 AM
63	CHESTER	4	1407	05/07/2022 09:24 AM	05/08/2022 08:51 AM
64	CHESTER	2	1051	05/07/2022 09:24 AM	05/08/2022 02:55 AM
65	CHESTER	24	528	05/07/2022 09:28 AM	05/07/2022 06:16 PM
66	CHESTER	1	1939	05/07/2022 09:28 AM	05/08/2022 05:47 PM
67	CHESTER	3	1465	05/07/2022 10:10 AM	05/08/2022 10:35 AM
68	CHESTER	3	794	05/07/2022 10:10 AM	05/07/2022 11:24 PM
69	CHESTER	20	2136	05/07/2022 10:10 AM	05/08/2022 09:46 PM
70	CHESTER	1	1471	05/07/2022 11:09 AM	05/08/2022 11:40 AM
71	CHESTER	5	1387	05/07/2022 11:24 AM	05/08/2022 10:31 AM
72	CHESTER	7	1651	05/07/2022 11:49 AM	05/08/2022 03:20 PM
73	CHESTER	3	2076	05/07/2022 03:09 PM	05/09/2022 01:45 AM
74	CHESTER	7	833	05/07/2022 03:18 PM	05/08/2022 05:11 AM
75	CHESTER	4	1312	05/07/2022 03:27 PM	05/08/2022 01:19 PM
76	CHESTER	2	1690	05/07/2022 03:29 PM	05/08/2022 07:39 PM
77	CHESTER	18	648	05/07/2022 03:42 PM	05/08/2022 02:30 AM
78	CHESTER	30	1110	05/07/2022 03:59 PM	05/08/2022 10:29 AM
79	CHESTER	35	1328	05/07/2022 04:10 PM	05/08/2022 02:18 PM
80	CHESTER	6	435	05/07/2022 04:10 PM	05/07/2022 11:25 PM
81	CHESTER	43	1262	05/07/2022 04:10 PM	05/08/2022 01:12 PM
82	CHESTER	4	618	05/07/2022 04:17 PM	05/08/2022 02:35 AM
83	CHESTER	33	588	05/07/2022 04:51 PM	05/08/2022 02:39 AM
84	CHESTER	126	1063	05/07/2022 05:45 PM	05/08/2022 11:28 AM
85	CHESTER	3	419	05/07/2022 05:45 PM	05/08/2022 12:44 AM
86	CHESTER	1	1060	05/07/2022 05:48 PM	05/08/2022 11:28 AM
87	CHESTER	1	1048	05/07/2022 06:01 PM	05/08/2022 11:29 AM
88	CHESTER	19	399	05/07/2022 06:24 PM	05/08/2022 01:03 AM

2022/05/06 WIND RAIN STORM 6 OR MORE HOURS

Outage Case	Approximate Geographic Location	Total Number of Customers Affected	Duration of the Outage	Initial Date and Time of the Outage	Restoration Date and Time
89	CHESTER	2	620	05/07/2022 06:24 PM	05/08/2022 04:44 AM
90	CHESTER	117	401	05/07/2022 06:24 PM	05/08/2022 01:05 AM
91	CHESTER	1	841	05/07/2022 06:24 PM	05/08/2022 08:25 AM
92	CHESTER	11	960	05/07/2022 11:56 PM	05/08/2022 03:56 PM
93	CHESTER	28	904	05/08/2022 01:08 AM	05/08/2022 04:12 PM
94	DELAWARE	20	522	05/07/2022 05:32 AM	05/07/2022 02:14 PM
95	DELAWARE	1	495	05/07/2022 05:39 AM	05/07/2022 01:54 PM
96	DELAWARE	5	488	05/07/2022 06:05 AM	05/07/2022 02:13 PM
97	DELAWARE	2	438	05/07/2022 06:56 AM	05/07/2022 02:14 PM
98	DELAWARE	5	766	05/07/2022 08:20 AM	05/07/2022 09:06 PM
99	DELAWARE	2	3023	05/07/2022 08:37 AM	05/09/2022 11:00 AM
100	DELAWARE	4	799	05/07/2022 08:43 AM	05/07/2022 10:02 PM
101	DELAWARE	3	672	05/07/2022 08:50 AM	05/07/2022 08:02 PM
102	DELAWARE	26	610	05/07/2022 09:52 AM	05/07/2022 08:02 PM
103	DELAWARE	2	539	05/07/2022 11:09 AM	05/07/2022 08:08 PM
104	DELAWARE	78	517	05/07/2022 11:30 AM	05/07/2022 08:07 PM
105	DELAWARE	8	467	05/07/2022 11:30 AM	05/07/2022 07:17 PM
106	DELAWARE	6	451	05/07/2022 11:30 AM	05/07/2022 07:01 PM
107	DELAWARE	10	774	05/07/2022 11:49 AM	05/08/2022 12:43 AM
108	DELAWARE	1	1396	05/07/2022 01:21 PM	05/08/2022 12:37 PM
109	DELAWARE	7	1498	05/07/2022 03:51 PM	05/08/2022 04:49 PM
110	DELAWARE	10	1133	05/07/2022 05:46 PM	05/08/2022 12:39 PM
111	DELAWARE	3	370	05/07/2022 09:12 PM	05/08/2022 03:22 AM
112	DELAWARE	11	892	05/07/2022 11:26 PM	05/08/2022 02:18 PM
113	MONTOGOMERY	7	390	05/06/2022 06:55 PM	05/07/2022 01:25 AM
114	MONTOGOMERY	4	373	05/06/2022 07:12 PM	05/07/2022 01:25 AM
115	MONTOGOMERY	39	383	05/07/2022 02:44 AM	05/07/2022 09:07 AM
116	MONTOGOMERY	8	827	05/07/2022 02:44 AM	05/07/2022 04:31 PM
117	MONTOGOMERY	32	599	05/07/2022 02:44 AM	05/07/2022 12:43 PM
118	MONTOGOMERY	6	1337	05/07/2022 04:23 AM	05/08/2022 02:40 AM
119	MONTOGOMERY	8	1831	05/07/2022 06:00 AM	05/08/2022 12:31 PM
120	MONTOGOMERY	21	666	05/07/2022 06:04 AM	05/07/2022 05:10 PM
121	MONTOGOMERY	22	1074	05/07/2022 06:14 AM	05/08/2022 12:08 AM
122	MONTOGOMERY	12	930	05/07/2022 06:18 AM	05/07/2022 09:48 PM
123	MONTOGOMERY	1	1743	05/07/2022 06:27 AM	05/08/2022 11:30 AM
124	MONTOGOMERY	66	753	05/07/2022 06:52 AM	05/07/2022 07:25 PM
125	MONTOGOMERY	12	1563	05/07/2022 07:28 AM	05/08/2022 09:31 AM
126	MONTOGOMERY	1	723	05/07/2022 08:13 AM	05/07/2022 08:16 PM
127	MONTOGOMERY	3	656	05/07/2022 08:44 AM	05/07/2022 07:40 PM
128	MONTOGOMERY	3	666	05/07/2022 08:54 AM	05/07/2022 08:00 PM
129	MONTOGOMERY	3	494	05/07/2022 09:22 AM	05/07/2022 05:36 PM
130	MONTOGOMERY	10	554	05/07/2022 09:38 AM	05/07/2022 06:52 PM
131	MONTOGOMERY	1	848	05/07/2022 09:38 AM	05/07/2022 11:46 PM
132	MONTOGOMERY	30	511	05/07/2022 09:45 AM	05/07/2022 06:16 PM

2022/05/06 WIND RAIN STORM 6 OR MORE HOURS

Outage Case	Approximate Geographic Location	Total Number of Customers Affected	Duration of the Outage	Initial Date and Time of the Outage	Restoration Date and Time
133	MONTOGOMERY	3	921	05/07/2022 10:19 AM	05/08/2022 01:40 AM
134	MONTOGOMERY	1	2745	05/07/2022 01:12 PM	05/09/2022 10:57 AM
135	MONTOGOMERY	7	1467	05/07/2022 02:19 PM	05/08/2022 02:46 PM
136	MONTOGOMERY	17	760	05/07/2022 02:19 PM	05/08/2022 02:59 AM
137	MONTOGOMERY	1	1670	05/07/2022 02:29 PM	05/08/2022 06:19 PM
138	MONTOGOMERY	5	1714	05/07/2022 03:42 PM	05/08/2022 08:16 PM
139	MONTOGOMERY	1	2682	05/07/2022 03:46 PM	05/09/2022 12:28 PM
140	MONTOGOMERY	3	1086	05/07/2022 09:39 PM	05/08/2022 03:45 PM
141	MONTOGOMERY	3	452	05/07/2022 09:39 PM	05/08/2022 05:11 AM
142	MONTOGOMERY	48	639	05/08/2022 02:04 AM	05/08/2022 12:43 PM
143	PHILADELPHIA	4	2999	05/07/2022 03:06 AM	05/09/2022 05:05 AM
144	PHILADELPHIA	2	2998	05/07/2022 03:06 AM	05/09/2022 05:04 AM
145	PHILADELPHIA	13	500	05/07/2022 03:58 AM	05/07/2022 12:18 PM
146	PHILADELPHIA	1	377	05/07/2022 04:29 AM	05/07/2022 10:46 AM
147	PHILADELPHIA	4	878	05/07/2022 08:09 AM	05/07/2022 10:47 PM
148	PHILADELPHIA	22	563	05/07/2022 09:25 AM	05/07/2022 06:48 PM
149	PHILADELPHIA	1	1438	05/07/2022 10:50 AM	05/08/2022 10:48 AM
150	PHILADELPHIA	98	395	05/07/2022 12:46 PM	05/07/2022 07:21 PM
151	PHILADELPHIA	166	394	05/07/2022 12:47 PM	05/07/2022 07:21 PM
152	PHILADELPHIA	2	3414	05/07/2022 12:50 PM	05/09/2022 09:44 PM
153	PHILADELPHIA	5	380	05/07/2022 03:55 PM	05/07/2022 10:15 PM
154	PHILADELPHIA	4	816	05/07/2022 05:19 PM	05/08/2022 06:55 AM
155	PHILADELPHIA	61	507	05/07/2022 05:19 PM	05/08/2022 01:46 AM
156	PHILADELPHIA	1	2854	05/07/2022 06:50 PM	05/09/2022 06:24 PM
157	PHILADELPHIA	1	743	05/07/2022 11:30 PM	05/08/2022 11:53 AM
158	PHILADELPHIA	30	732	05/07/2022 11:55 PM	05/08/2022 12:07 PM
159	PHILADELPHIA	5	945	05/08/2022 12:51 AM	05/08/2022 04:36 PM
160	PHILADELPHIA	28	460	05/08/2022 01:37 AM	05/08/2022 09:17 AM
161	YORK	10	1404	05/07/2022 01:54 PM	05/08/2022 01:18 PM