



Operations Center
2839 New Beaver Avenue
Pittsburgh PA 15233

September 14, 2021

E-Filed

Secretary Rosemary Chiavetta
Pennsylvania Public Utility Commission
Secretary's Bureau
Commonwealth Keystone Building
400 North Street
Harrisburg PA 17120

Re: Duquesne Light Company – Docket No. M-2021-3023564

Secretary Rosemary Chiavetta:

Attached is Duquesne Light's 52 PA Code 67.1 written outage report for the storm event that occurred on August 29, 2021.

Should you require additional information, please contact me at 412-393-2897.

Sincerely,

A handwritten signature in black ink that reads "Jason T. Keller". The signature is written in a cursive, flowing style.

Jason T. Keller, P.E.
Director, Operations Center

cc: Dan Searfoorce
Derek Ruhl
John Van Zant

ELECTRIC UTILITY REPORT OF OUTAGE TO
PENNSYLVANIA PUBLIC UTILITY COMMISSION
SECRETARY'S BUREAU
400 NORTH STREET
HARRISBURG, PA 17105-3265

Phone-In Reports: Always call (717) 941-0003
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: Duquesne Light Company
Address: 2839 New Beaver Avenue
Pittsburgh PA 15233

2. Name and title of person making report:

<u>Jason Keller</u>	<u>Director, Operations Center</u>
(Name)	(Title)

3. Telephone number: 412-393-2897
(Telephone Number)

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

Monday, August 30, 2021, at approximately 0945 hours.

5. Interruption or Outage:
 - (a) Number of customers affected:

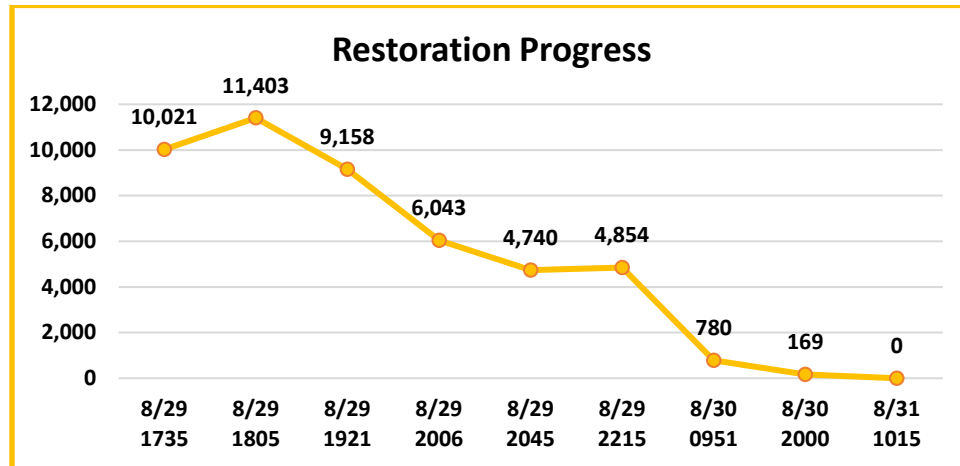
22,389 customers, constituting approximately 4% of the 605,150 customers in Duquesne Light's service territory.

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

Allegheny County had a total of 74 troubled locations and Beaver County had a total of 28 troubled locations for a combined total of 102 troubled locations in Duquesne Light's service territory.

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

Allegheny County had a total of 12,411 customers and Beaver County had a total of 9,978 customers for a combined total of 22,389 customers affected throughout this storm event.



(d) Approximate number of outage cases exceeding 6 or more hours in duration:

A total of 45 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:

A listing of each outage case exceeding 6 or more hours in duration is included at the end of this report.

(f) Reason for the interruption or outages:

On Sunday, August 29, 2021, at approximately 1600 hours, strong thunderstorms, with heavy rain, moved through our service area in Allegheny and Beaver counties, causing downed power lines, fallen trees and damage to our poles and equipment. The high temperature for Sunday reached 88 degrees and the max wind gust was 37 mph.

(g) Projected time of restoration:

The projected time of restoration was set for noon on Monday, August 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, troublemen, tree crew, and the like:

Utility / Company	# of Workers	General Function
Duquesne Light ED – 30 MCK - 17 PH - 29 PR - 28 RAC -34	138	Lineworkers
Duquesne Light East – 10 Cent – 11 West - 5	26	Troubleshooters
Duquesne Light	4	Substations
Duquesne Light	12	Underground
Hazlett – 21 Jaflo – 9 Nelson – 5 Penn Line – 19	54	Tree contractors
Henkels and McCoy	20	Lineworker contractors

- (i) The date and time of the first information of a service interruption:
Sunday, August 29, 2021 at approximately 1600 hours.
- (j) The date and time that repair crews were assembled:
Duquesne Light lineworkers and troubleshooters were on duty at the start of this storm event. Crews worked around the clock under Duquesne Light’s COVID-19 storm plan to restore power to all affected customers.
- (k) The actual time that service was restored to the last affected customer:
Service was restored to the last affected customer by this storm event on Tuesday, August 31, 2021, at 0052 hours.
- (l) A general description of the physical damage sustained by the utility facilities as a result of the interruption/outage:
During this event, Duquesne Light completed 102 cases of trouble consisting of 37 primary wires, 51 secondary and services, 3 broken poles, 2 cables and 9 transformers.

- (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:

On Saturday, August 28, 2021, at 0500 hours, Duquesne Light's weather service forecast for Sunday, August 29, 2021, called for a high temperature of 87 degrees, maximum wind gusts to 25 mph, with a 36% probability of thunderstorms.

On Sunday, August 29, 2021, at 0500 hours, Duquesne Light's weather service forecast called for a high temperature of 88 degrees, maximum wind gusts to 22 mph, with a 21% probability of thunderstorms. A condition red for dangerous thunderstorm alert was issued through 1643 hours. Numerous in-cloud and cloud-to-ground lightning strikes have been detected with this thunderstorm. It has an increased potential to produce severe weather such as very frequent lightning, heavy rain, hail, and/or damaging winds and tornadoes, and should be considered dangerous.

The National Weather Service in Pittsburgh issued severe thunderstorm warnings for Allegheny and Beaver counties until 1630 hours.

Additional weather information is included at the end of this report.

- (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:

This storm event did not exceed 10% of our customers in Duquesne Light's entire service territory.

Remarks:

Duquesne Light communicated storm restoration updates to our customers and the media through our duquesnelight.com website and social media. Weather information and storm photos are attached.

Outage Case	Municipality	Total Number of Customers Affected	Outage Duration (minutes)	Initial Date of Outage	Initial Time of Outage	Restoration Date	Restoration Time
2154361	HAMPTON	156	2455	8/29/2021	17:20	8/31/2021	10:15
2154376	WEST DEER	13	1932	8/29/2021	16:40	8/31/2021	0:52
2154486	FRANKLIN PARK	133	1723	8/29/2021	4:00	8/30/2021	8:43
2154523	CENTER	7	1615	8/29/2021	16:05	8/30/2021	19:00
2154356	CENTER	662	1493	8/29/2021	16:14	8/30/2021	17:07
2154457	MONROEVILLE	92	1322	8/29/2021	17:07	8/30/2021	15:09
2154471	HAMPTON	3	1298	8/29/2021	16:32	8/30/2021	14:10
2154504	RICHLAND	15	1253	8/29/2021	16:50	8/30/2021	13:43
2154436	HOPEWELL	4	1159	8/29/2021	16:11	8/30/2021	11:30
2154515	CENTER	4	1139	8/29/2021	16:06	8/30/2021	11:05
2154495	RICHLAND	29	1084	8/29/2021	16:32	8/30/2021	10:36
2154519	ECONOMY	3	1050	8/29/2021	16:19	8/30/2021	9:49
2154447	FOX CHAPEL	4	1044	8/29/2021	16:41	8/30/2021	10:05
2154521	HANOVER	22	1002	8/29/2021	17:27	8/30/2021	10:09
2154503	PINE	8	967	8/29/2021	16:29	8/30/2021	8:36
2154472	RICHLAND	48	963	8/29/2021	16:57	8/30/2021	9:00
2154474	HAMPTON	17	943	8/29/2021	18:47	8/30/2021	10:30
2154484	FRANKLIN PARK	57	939	8/29/2021	16:49	8/30/2021	8:28
2154522	HOPEWELL	3	931	8/29/2021	22:29	8/30/2021	14:00
2141276	INDIANA	4	930	8/29/2021	16:35	8/30/2021	10:30
2154473	WEST DEER	38	880	8/29/2021	19:23	8/30/2021	10:03
2154510	BADEN	6	773	8/29/2021	19:07	8/30/2021	8:00
2154522	HOPEWELL	16	747	8/29/2021	22:29	8/30/2021	10:56
2154381	AMBRIDGE	308	744	8/29/2021	16:15	8/30/2021	4:39
2154358	MOON	83	709	8/29/2021	16:03	8/30/2021	3:52
2154376	WEST DEER	33	690	8/29/2021	16:40	8/30/2021	4:10
2154516	WILKINS	75	662	8/29/2021	16:05	8/30/2021	3:07
2154516	WILKINS	38	655	8/29/2021	16:05	8/30/2021	3:00
2154378	NEW SEWICKLEY	54	645	8/30/2021	0:00	8/30/2021	10:45
2154432	HAMPTON	144	626	8/29/2021	19:14	8/30/2021	5:40
2154517	FINDLAY	460	602	8/29/2021	16:00	8/30/2021	2:02
2154483	EDGEWORTH	148	548	8/29/2021	16:52	8/30/2021	2:00
2154433	PINE	17	523	8/30/2021	2:02	8/30/2021	10:45
2154549	RICHLAND	57	512	8/29/2021	16:35	8/30/2021	1:07
2154373	PINE	45	508	8/29/2021	16:34	8/30/2021	1:02
2154513	ECONOMY	23	477	8/29/2021	19:03	8/30/2021	3:00
2154544	EDGEWORTH	6	439	8/29/2021	16:42	8/30/2021	0:01
2141273	HARMONY	511	435	8/29/2021	16:16	8/29/2021	23:31
2154411	ECONOMY	71	434	8/29/2021	16:36	8/29/2021	23:50
2154512	ECONOMY	3	412	8/29/2021	18:35	8/30/2021	1:27

Outage Case	Municipality	Total Number of Customers Affected	Outage Duration (minutes)	Initial Date of Outage	Initial Time of Outage	Restoration Date	Restoration Time
2154447	FOX CHAPEL	15	408	8/29/2021	16:41	8/29/2021	23:29
2154379	HAMPTON	18	402	8/29/2021	21:43	8/30/2021	4:25
2154491	SEWICKLEY	8	387	8/29/2021	21:28	8/30/2021	3:55
2154495	RICHLAND	1238	379	8/29/2021	16:32	8/29/2021	22:51
2154472	RICHLAND	17	375	8/29/2021	16:57	8/29/2021	23:12

Weather forecast on 8/28/21 for 8/29/21

SUNDAY 08-29-2021

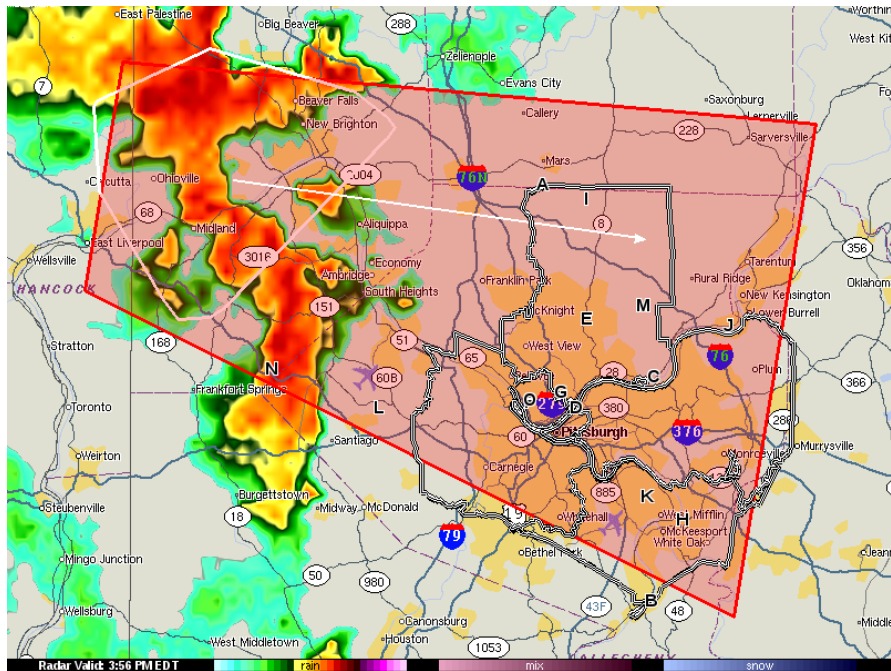
	Threat Timing								Temperature				Wind				Precipitation					Thunderstorm
	00-03	03-06	06-09	09-12	12-15	15-18	18-21	21-00	Low	High	Wind Chill	Heat Index	Dir	Sustained	Gusts	Max Isolated Gusts	Probability	Rain	Snow	Ice	Type	T-storm Prob.
Raccoon Service Center									71	85	71	91	SSW	6	12	25	69	0.13	0.00	0.00	Rain	36
Edison Service Center									71	85	71	91	S	5	11	22	78	0.14	0.00	0.00	Rain	36
Preble Service Center									72	86	72	93	SSW	6	12	21	78	0.11	0.00	0.00	Rain	35
Penn Hills Service Center									72	86	72	91	SSW	5	12	22	78	0.11	0.00	0.00	Rain	35
McKeesport Service Center									71	87	71	95	S	5	11	23	75	0.09	0.00	0.00	Rain	34

Weather forecast for 8/29/21

SUNDAY 08-29-2021

	Threat Timing								Temperature				Wind				Precipitation					Thunderstorm
	00-03	03-06	06-09	09-12	12-15	15-18	18-21	21-00	Low	High	Wind Chill	Heat Index	Dir	Sustained	Gusts	Max Isolated Gusts	Probability	Rain	Snow	Ice	Type	T-storm Prob.
Raccoon Service Center									71	86	71	91	SSW	6	10	22	82	0.56	0.00	0.00	Rain	21
Edison Service Center									71	86	71	91	SSW	6	10	22	86	0.27	0.00	0.00	Rain	21
Preble Service Center									72	87	72	93	SSW	7	11	22	86	0.50	0.00	0.00	Rain	20
Penn Hills Service Center									71	86	71	91	S	6	10	21	86	0.50	0.00	0.00	Rain	20
McKeesport Service Center									71	88	71	97	S	6	10	22	86	0.36	0.00	0.00	Rain	20

8/29/21 - StormGeo has issued a Condition Red – Duquesne Light - for Dangerous Thunderstorm Alert for the following locations through 4:43 PM EDT. Numerous in-cloud and cloud-to-ground lightning strikes have been detected with this thunderstorm. It has an increased potential to produce severe weather such as very frequent lightning, heavy rain, hail, and/or damaging winds and tornadoes, and should be considered dangerous.





NWS Pittsburgh @NWSPittsburgh · Aug 29

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Severe Thunderstorm Warning including Allison Park PA, Franklin Park PA, Carnot-Moon PA until 4:30 PM EDT

Severe Thunderstorm Warning

Valid Until
4:30 PM EDT Sunday
August 29, 2021

Threat Information

WIND
Up to 60 MPH

HAIL
Penny Sized Possible

Potential Exposure

Population: 430,637
Schools: 111
Hospitals: 8



NWS Pittsburgh @NWSPittsburgh · Aug 29

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Severe Thunderstorm Warning including Fernway PA, Aliquippa PA, Beaver Falls PA until 4:30 PM EDT

Severe Thunderstorm Warning

Valid Until
4:30 PM EDT Sunday
August 29, 2021

Threat Information

WIND
Up to 60 MPH

HAIL
Penny Sized Possible

Potential Exposure

Population: 193,898
Schools: 62
Hospitals: 5

CLIMATE REPORT
 NATIONAL WEATHER SERVICE PITTSBURGH PA
 134 AM EDT MON AUG 30 2021

.....
 ...THE PITTSBURGH PA CLIMATE SUMMARY FOR AUGUST 29 2021...

WEATHER ITEM	OBSERVED VALUE	TIME (LST)	RECORD VALUE	YEAR	NORMAL VALUE	DEPARTURE FROM NORMAL	LAST YEAR
.....							
TEMPERATURE (F)							
YESTERDAY							
MAXIMUM	88	1206 PM	96	1880	80	8	83
				1881			
MINIMUM	71	321 PM	39	1982	60	11	63
AVERAGE	80				70	10	73
PRECIPITATION (IN)							
YESTERDAY	0.54		1.67	1936	0.11	0.43	T
MONTH TO DATE	5.38				3.30	2.08	5.56
SINCE JUN 1	12.67				11.68	0.99	10.96
SINCE JAN 1	27.40				27.56	-0.16	29.56
SNOWFALL (IN)							
YESTERDAY	0.0		0.0	MM	0.0	0.0	0.0
MONTH TO DATE	0.0				0.0	0.0	0.0
SINCE JUN 1	0.0				0.0	0.0	0.0
SINCE JUL 1	0.0				0.0	0.0	0.0
SNOW DEPTH	0						
DEGREE DAYS							
HEATING							
YESTERDAY	0				0	0	0
MONTH TO DATE	0				0	0	0
SINCE JUN 1	23				33	-10	15
SINCE JUL 1	1				3	-2	0
COOLING							
YESTERDAY	15				6	9	8
MONTH TO DATE	280				209	71	260
SINCE JUN 1	738				625	113	824
SINCE JAN 1	816				691	125	887
.....							

WIND (MPH)			
HIGHEST WIND SPEED	31	HIGHEST WIND DIRECTION	NW (310)
HIGHEST GUST SPEED	37	HIGHEST GUST DIRECTION	W (270)
AVERAGE WIND SPEED	3.9		

SKY COVER
 POSSIBLE SUNSHINE MM
 AVERAGE SKY COVER 0.7

WEATHER CONDITIONS
 THE FOLLOWING WEATHER WAS RECORDED YESTERDAY.
 THUNDERSTORM
 HEAVY RAIN
 LIGHT RAIN
 FOG

RELATIVE HUMIDITY (PERCENT)			
HIGHEST	97	600 AM	
LOWEST	55	1200 PM	
AVERAGE	76		

DLC PHOTO – WEST DEER



DLC PHOTO – MOON TWP

