

Operations Center
2839 New Beaver Avenue
Pittsburgh, PA 15233



August 23, 2024

VIA ELECTRONIC FILING

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

Re: Request to the Pennsylvania Public Utility Commission for Exclusion of Major Outage for Reliability Reporting Purpose – Docket No. M-2024 - 3050274

Dear Secretary Chiavetta:

Duquesne Light Company received the Commission's August 16, 2024 data request to assist with its review of the Request to the Pennsylvania Public Utility Commission for Exclusion of Major Outage for Reliability Reporting Purposes filed by Duquesne Light on July 23, 2024.

Because Duquesne Light operated under storm protocol for the entire week following the June 17th microburst, it is unable to tease out data for individual events, as requested. Therefore, in response to TUS Data Request 2, please see the revised Request to the Pennsylvania Public Utility Commission for Exclusion of Major Outage for Reliability Reporting Purposes, attached.

If you have any questions regarding the information contained in this filing, please feel free to contact me at 412-393-2897.

Sincerely,

A handwritten signature in blue ink that reads "Jason T. Keller". The signature is fluid and cursive, with the first name being the most prominent.

Jason T. Keller, P.E.
Director, Grid Optimization and Asset Management

Enclosure

Cc (w/enc.): John Van Zant (jvanzant@pa.gov)
Dan Searfoorce (dsearfoorc@pa.gov)
Derek Ruhl (druhl@pa.gov)

REQUEST FOR EXCLUSION OF MAJOR OUTAGE FOR
RELIABILITY REPORTING PURPOSES TO
PENNSYLVANIA PUBLIC UTILITY COMMISSION
P O BOX 3265
HARRISBURG, PA 17105-3265

An original of this request is to be either electronically filed (eFiled) with the Commission or filed in paper form with the Secretary's Bureau.

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, Grid Optimization and Asset Management</u>
(Name)	(Title)

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

4. Interruption or Outage:
 - (a) Number of customers affected:
Total number of customers in service territory:

108,324 customers, constituting approximately 18% of the 612,752 customers in Duquesne Light's service territory.

- (b) Number of troubled locations in each geographic area affected listed by county and local political subdivision:

Allegheny County had a total of 654 troubled locations and 372 outages while Beaver Country had a total of 228 troubled locations and 128 outages for a combined total of 882 troubled locations and 500 outages in Duquesne Light's service territory. Of these, approximately 479 troubled locations and 228 outages were due to the initial storm, while the remaining 403 trouble locations and 330 outages were due to the additional weather events experienced through the week.

Please see the listing of troubled locations by county/municipality at the end of this report.

- (c) Reason for interruption or outage, including weather data where applicable.

Duquesne Light's service territory was impacted by the heat dome that covered the midwestern & northeastern United States from Sunday, June 16, 2024 through Sunday, June 23, 2024, which brought an extreme heat wave not seen since the mid-1990s, with daytime heat indices exceeding 100 degrees Fahrenheit and overnight lows above 70 degrees.

At approximately 1630 on Monday, June 17, 2024 a microburst with high winds struck the northern portion of Duquesne Light's service territory, causing downed power lines, fallen trees, and damage to our poles and equipment. The National Weather Service (NWS) reported the highest wind speed during this storm was 29 mph and the highest wind gust was 39 mph. Additionally, there were localized reports of gusts up to 60 mph.

While Duquesne Light was still in the early restoration phase and had not yet finished investigating trouble and completing restorations from the initial June 17th storm, additional microbursts struck across the service territory on Wednesday, June 19, 2024 and Thursday, June 20, 2024, causing further damage. A final line of thunderstorms passed through the area on Saturday, June 22, 2024.

Beginning with the June 17th microburst, Duquesne Light operated under its storm protocol, including having mutual assistance crews on property, throughout the entire week, as additional storm impacts occurred to the already stressed system. It returned to normal operating procedures on Monday, June 24th.

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

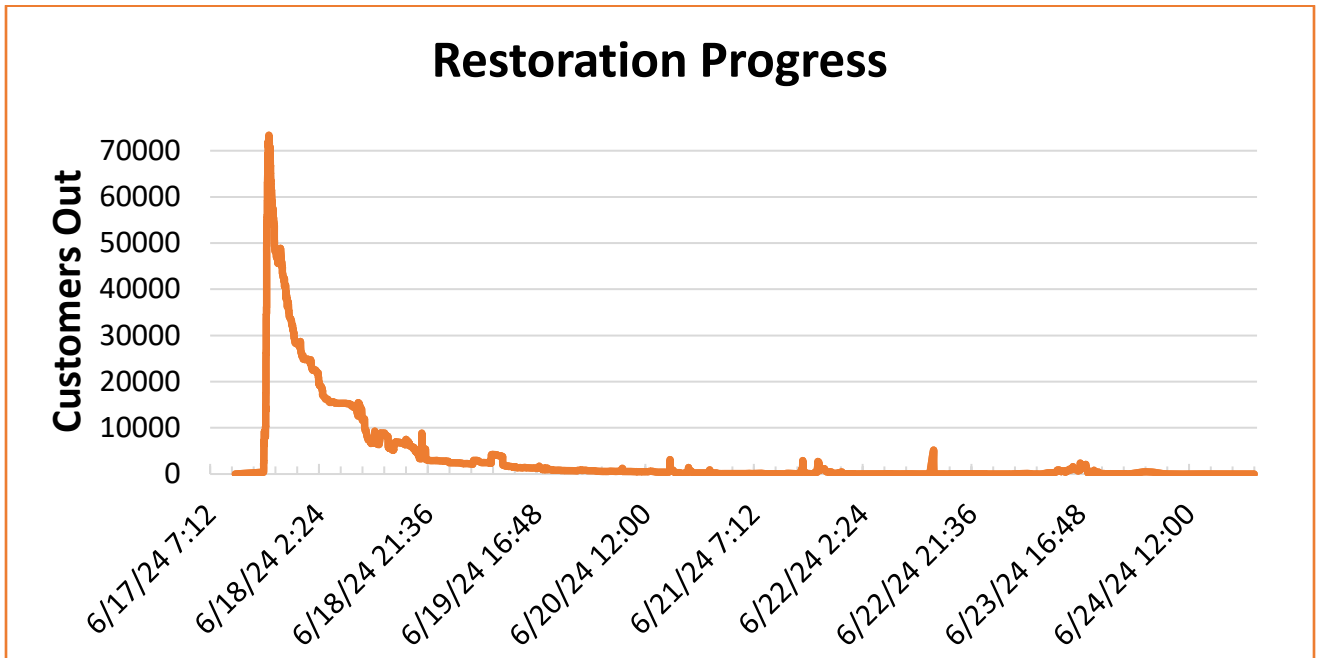
(d) The number of utility workers and others assigned specifically to the repair work:

Utility / Company	# of Workers	General Function
Duquesne Light	209	Lineworkers
Duquesne Light	48	Troubleshooters
Duquesne Light	9	Substations
Duquesne Light	17	Underground
DLC – 3 CAVS - 37 Nelson – 54 Penn Line – 30 Wright – 32	156	Vegetation Management / Tree contractors
Sargent - 9 Henkels and McCoy – 32 JW Didado - 20	61	Lineworker contractors
JF Electric – 30 AEP – 47 New River – 70	147	Mutual Assistance Lineworkers

(e) The date and time of the first notification of a service interruption:

Monday, June 17, 2024 at 1629 hours.

- (f) 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 Monday June 24, 2024 at 2330 hours.



Remarks:

Storm restoration updates were provided to our customers and the media through our Duquesne Light website, Facebook and on Twitter. Weather information and photos are attached.

Please also see Duquesne’s Electric Utility Report of Outage, dated July 11, 2024, for more information regarding this outage event.

- (g) Number of troubled locations in each geographic area affected listed by county and local political subdivision:

Allegheny County Municipalities	Trouble Cases
ALLISON PARK	13
ASPINWALL	1
AVALON	9
BALDWIN BORO	6
BALDWIN TWP	1
BELLEVUE	6
BEN AVON HEIGHTS	1
BEN AVON	1
BETHEL PARK	1

Beaver County Municipalities	Trouble Cases
ALIQUIPPA	8
AMBRIDGE	5
BADEN	8
BEAVER	15
BEAVER FALLS	8
BELL ACRES	2
BRIDGEWATER	3
BRIGHTON TWP	7

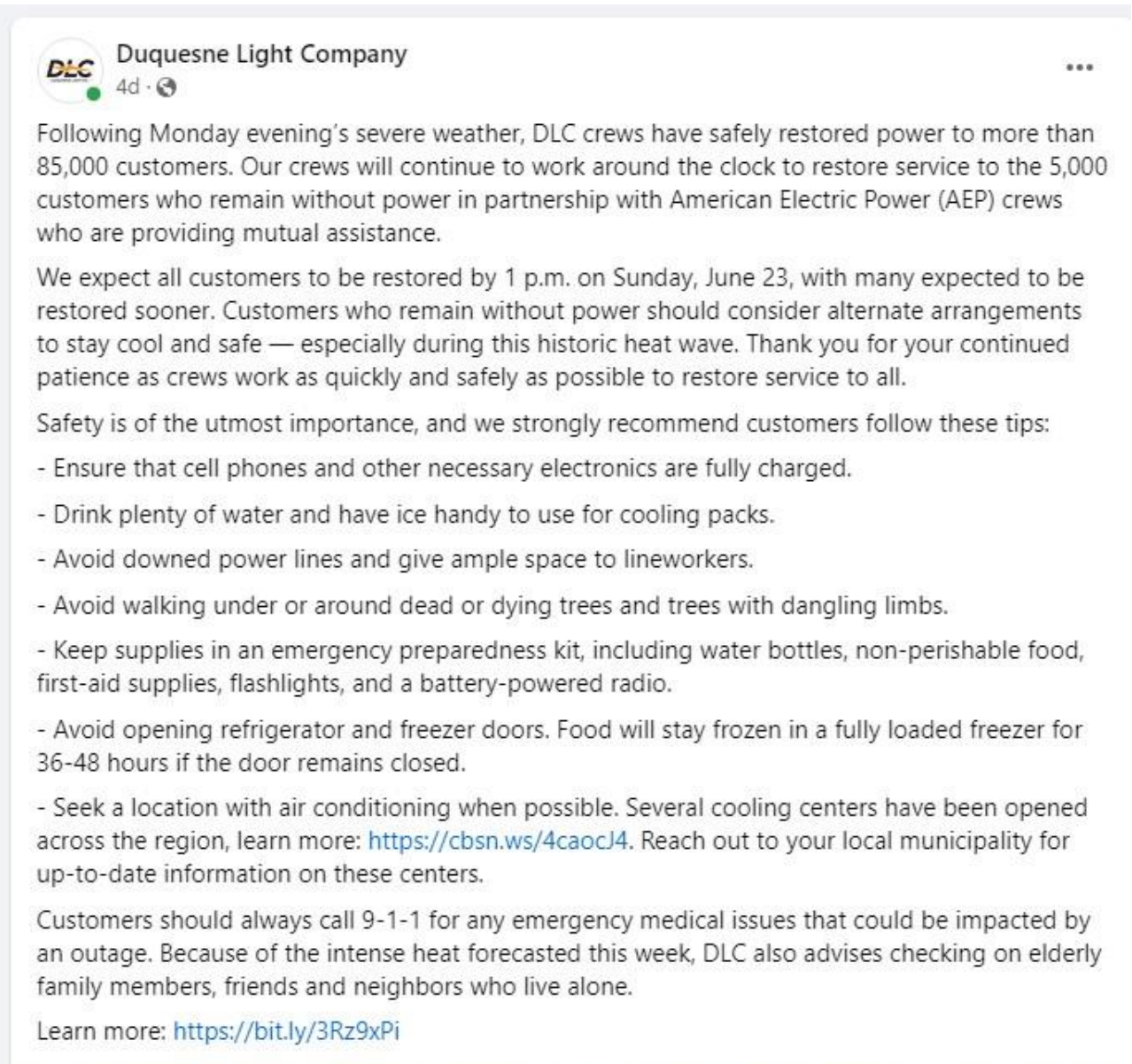
BRENTWOOD	4
BLAWNOX	5
BRADDOCK	1
BRADDOCK HILLS	3
CARNEGIE	3
CASTLE SHANNON	3
CHESWICK	2
CHURCHILL	2
CLAIRTON	1
COLLIER TWP	3
CRAFTON	4
DORMONT	5
DUQUESNE	4
EAST PITTSBURGH	1
EDGEWOOD	2
ETNA	3
FOREST HILLS	6
FOX CHAPEL	28
FRANKLIN PARK	1
GREENTREE	7
HAMPTON	73
HOMESTEAD	1
IMPERIAL	1
INDIANA	19
INDIANOLA	1
INGRAM	2
JEFFERSON	1
KENNEDY	1
KILBUCK	4
LINCOLN	1
MCCANDLESS	18
MCKEES ROCKS	1
MCKEESPORT	5
MILLVALE	8
MONROEVILLE	9
MT LEBANON	5
MT OLIVER	2
MUNHALL	3
NEW KENSINGTON	1
NORTH BRADDOCK	2
NORTH VERSAILLES	4

CENTER	6
CORAOPOLIS	8
CRESCENT TWP	6
DAUGHERTY	1
EAST ROCHESTER	2
ECONOMY TWP	14
FALLSTON	6
FINDLAY TWP	2
FRANKLIN PARK	4
FREEDOM	3
GEORGETOWN	1
GREENE	2
HANOVER	3
HOPEWELL TWP	5
INDEPENDENCE	3
INDUSTRY	1
KILBUCK	1
MIDLAND	1
MONACA	3
MOON TWP	7
NEW BRIGHTON	16
NEW SEWICKLEY	16
OHIO TWP	3
OHIOVILLE	5
PATTERSON HGT	2
PATTERSON TWP	4
PULASKI TWP	3
RACCOON	2
ROCH BORO	7
ROCH TWP	14
SEWICK HGT	6
SEWICK HLS	4
SEWICKLEY	6
SHIPPINGPORT	3
SOUTH HEIGHTS	1
WEST MAYFIELD	1

OAKMONT	10
OHARA TWP	17
OHIO TWP	3
PATT TWP	1
PENN HILLS	28
PGH-BEECHVIEW	1
PGH-BLAWNOX-CITY	1
PGH-BLOOMFIELD	5
PGH-BRNTWD-CTY	1
PGH-CARRICK	5
PGH-DWNTWN	1
PGH-EAST LIBERTY	15
PGH-EDGEBROOK	1
PGH-ESPLEN	1
PGH-HAYS	1
PGH-HAZELWOOD	5
PGH-HIGHLAND PARK	5
PGH-HILL DISTRICT	5
PGH-HOMEWOOD	3
PGH-LAWRENCEVILLE	12
PGH-MANCHESTER	2
PGH-MT WASHINGTON	5
PGH-NORTH SIDE	14
PGH-OAKLAND- 15213	4
PGH-POINT BREEZE	2
PGH-SHADYSIDE	3
PGH-SHERADEN	1
PGH-SOUTH SIDE	6
PGH-SQUIRREL HILL	6
PGH-STRIP	2
PGH-WATERWORKS	1
PGH-WESTWOOD	2
PINE TWP	31
PLEASANT HILLS	2
PLUM	28
RANKIN	1
RESERVE TWP	5
RICHLAND TWP	17
ROBINSON TWP	4
ROSS	30

SCOTT TWP	3
SHALER	23
SHARPSBURG	2
SPRINGDALE TWP	1
STOWE TWP	2
SWISSVALE	4
TRAFFORD	2
TURTLE CREEK	3
VERONA	3
VERSAILLES	1
WALL	1
WEST DEER	9
WEST MIFFLIN	7
WEST VIEW	5
WHITAKER	1
WHITEHALL	2
WILKINS TWP	2
WILKINSBURG	7

Figures and Other Attachments



DLC Duquesne Light Company
4d · 🌐

Following Monday evening's severe weather, DLC crews have safely restored power to more than 85,000 customers. Our crews will continue to work around the clock to restore service to the 5,000 customers who remain without power in partnership with American Electric Power (AEP) crews who are providing mutual assistance.

We expect all customers to be restored by 1 p.m. on Sunday, June 23, with many expected to be restored sooner. Customers who remain without power should consider alternate arrangements to stay cool and safe — especially during this historic heat wave. Thank you for your continued patience as crews work as quickly and safely as possible to restore service to all.

Safety is of the utmost importance, and we strongly recommend customers follow these tips:

- Ensure that cell phones and other necessary electronics are fully charged.
- Drink plenty of water and have ice handy to use for cooling packs.
- Avoid downed power lines and give ample space to lineworkers.
- Avoid walking under or around dead or dying trees and trees with dangling limbs.
- Keep supplies in an emergency preparedness kit, including water bottles, non-perishable food, first-aid supplies, flashlights, and a battery-powered radio.
- Avoid opening refrigerator and freezer doors. Food will stay frozen in a fully loaded freezer for 36-48 hours if the door remains closed.
- Seek a location with air conditioning when possible. Several cooling centers have been opened across the region, learn more: <https://cbsn.ws/4caocJ4>. Reach out to your local municipality for up-to-date information on these centers.

Customers should always call 9-1-1 for any emergency medical issues that could be impacted by an outage. Because of the intense heat forecasted this week, DLC also advises checking on elderly family members, friends and neighbors who live alone.

Learn more: <https://bit.ly/3Rz9xPi>

Figure 1: DLC Facebook post 6/14/2024



Duquesne Light Company



Jun 17 · 🌐

DLC is working to restore service as quickly and safely as possible. More than 48,000 customers are currently without power. High wind gusts reaching 60 MPH have knocked down trees and broken utility poles. Crews are working overnight to assess damage and restore power.



Figure 2: DLC Facebook post 6/17/2024



Duquesne Light Company

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We're continuing to work around the clock to restore service to customers following yesterday's severe weather. Our region experienced a powerful microburst, which included wind gusts of up to 60 mph that brought down numerous trees and utility poles across our territory. The event has been further complicated by the intense heat wave that will continue to impact our area into the weekend.

Since last night, we have restored roughly 71,000 customers. At the storm's peak, there were about 90,000 without power. We're continuing to assess the damage and will share an estimated time of restoration for all customers once that work is complete.

We know how critical it is to have power, especially during a week like this. We sincerely appreciate everyone's patience as we safely and diligently restore service.

During mass outage events, DLC prioritizes restoration as follows:

- Public safety hazards – Examples include wires down across major highways; burning wires; etc.
- Public health and safety facilities – Examples include hospitals; police, fire, and emergency facilities; and nursing homes.
- Major circuits – Involves restoring the highest number of customers at once.
- Small neighborhood and individual outages – Once major circuits are repaired, we shift focus to smaller neighborhoods and groups of customers.

Remember to always call 9-1-1 should there be a medical emergency that's impacted by an outage.

Learn more: <https://bit.ly/4cutSNL>



STORM UPDATE

Severe weather has caused damage in our area. Our crews are working to safely address outages as soon as possible.

Figure 3: DLC Facebook post 6/18/2024



Figure 4: DLC storm photos, Babcock Blvd in McCandless



Figure 5: DLC storm photos, Henry Rd in Franklin Park



Figure 6: DLC storm photos, Middle Rd in Hampton

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CDUS41 KPBZ 180532
CLIPIT
CLIMATE REPORT
NATIONAL WEATHER SERVICE PITTSBURGH PA
132 AM EDT TUE JUN 18 2024

.....
...THE PITTSBURGH PA CLIMATE SUMMARY FOR JUNE 17 2024...
CLIMATE NORMAL PERIOD 1991 TO 2020
CLIMATE RECORD PERIOD 1871 TO 2024
WEATHER ITEM OBSERVED TIME RECORD YEAR NORMAL DEPARTURE LAST
VALUE (LST) VALUE VALUE FROM YEAR
NORMAL

.....
TEMPERATURE (F)
YESTERDAY
MAXIMUM 94 311 PM 95 1994 80 14 76
MINIMUM 53 421 PM 40 1964 60 -7 55
AVERAGE 74 70 4 66
PRECIPITATION (IN)
YESTERDAY 0.32 2.92 2009 0.14 0.18 0.00
MONTH TO DATE 0.93 2.29 -1.36 2.61
SINCE JUN 1 0.93 2.29 -1.36 2.61
SINCE JAN 1 24.76 18.17 6.59 15.05
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 16.3 44.1 -27.8 17.6
SNOW DEPTH 0
DEGREE DAYS
HEATING
YESTERDAY 0 1 -1 0
MONTH TO DATE 9 25 -16 35
SINCE JUN 1 9 25 -16 35
SINCE JUL 1 4243 5566 -1323 5067
COOLING
YESTERDAY 9 6 3 1
MONTH TO DATE 76 72 4 36
SINCE JUN 1 76 72 4 36
SINCE JAN 1 220 138 82 73

.....
WIND (MPH)
HIGHEST WIND SPEED 29 HIGHEST WIND DIRECTION N (10)
HIGHEST GUST SPEED 39 HIGHEST GUST DIRECTION N (10)
AVERAGE WIND SPEED 4.9
SKY COVER
POSSIBLE SUNSHINE MM
AVERAGE SKY COVER 0.6
WEATHER CONDITIONS
THE FOLLOWING WEATHER WAS RECORDED YESTERDAY.
THUNDERSTORM
HEAVY RAIN

