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April 30, 2024

VIA ELECTRONIC FILING

Ms. Rosemary Chiavetta, Secretary
Pennsylvania Public Utility Commission
Commonwealth Keystone Building
2nd Floor, Room-N201
400 North Street
Harrisburg, PA 17120

Re: **Duquesne Light Company**
Quarterly Electric Reliability Report – 1st Quarter 2024
Docket No. M-2023-3039027

Dear Secretary Chiavetta:

Enclosed please find Duquesne Light Company's Quarterly Electric Reliability Report for the first quarter of 2024. The report is submitted in two versions, proprietary and non-proprietary. Enclosed is the **non-proprietary** version, which can be made available to the public at the above-referenced docket. The proprietary version has been submitted via overnight mail.

If you have any questions regarding the information contained in this filing, please contact me or Mary Kellam at mkellam@duqlight.com or 412-393-6099.

Sincerely,

Shelly-Ann Maye
Senior Manager, Regulatory Performance

Enclosure
cc (w/ redacted version):
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Duquesne Light Company
First Quarter 2024

Electric Reliability Report

to the

Pennsylvania Public Utility Commission

April 30, 2024

57.195 Reporting Requirements

(e)(1) *A description of each major event that occurred during the preceding quarter, including the time and duration of the event, the number of customers affected, the cause of the event and any modified procedures adopted in order to avoid or minimize the impact of similar events in the future.*

Duquesne Light had no major events in the first quarter of 2024.

(e)(2) *Rolling 12-month reliability index values (SAIFI, CAIDI, SAIDI, and if available, MAIFI) for the electric distribution company's service territory for the preceding quarter. The report shall include the data used in calculating the indices, namely the average number of customers served, the number of sustained customer interruptions, the number of customers affected, and the customer minutes of interruption. If MAIFI values are provided, the report shall also include the number of customer momentary interruptions.*

RELIABILITY BENCHMARKS AND STANDARDS
Duquesne Light Company
System Performance Measures with Major Events Excluded

Entire System				
	SAIDI	**SAIFI**	**CAIDI**	**MAIFI**
Benchmark	126	1.17	108	*
12 Month Standard	182	1.40	130	*
2024 1Q (Rolling 12 mo.)	65.78	0.59	111	*

* Sufficient information to calculate MAIFI is unavailable.

Duquesne Light has been a strong performer in reliability over the past 15 years. The Company's success in this area can be at least partially attributed to the wide deployment of intelligent devices on the system that can quickly isolate a fault to the least number of customers.

Through the first quarter of 2024 (rolling 12 months), Duquesne Light's CAIDI is above the benchmark while meeting the 12-month standard, while SAIDI and SAIFI performance are below both the benchmark and standard.

The table below lists additions that were made to data in 1st Quarter 2024, subsequent to the 4th Quarter and 2023 Annual Reports submitted to the Commission. The additions are the result of improved data accuracy governance that has been put in place at Duquesne Light. As a result of this change:

- Q3 2023 SAIFI and CAIDI did not change.
- Q3 2023 SAIDI changed from 76 to 76.66.
- Q4 2023 SAIDI changed from 63.11 to 63.23
- Q4 2023 SAIFI and CAIDI did not change.

New Values				Original Values	
Incident #	**Date**	**kVA**	**kVA Min**	**kVA**	**kVA Min**
2343732	5/15/2023	4,464	165,168	4,464	49,104
2352206	5/26/2023	127	38,735	127	11,811
2352412	6/10/2023	602	81,270	602	62,006
2352770	7/1/2023	5,407	308,199	0	0
2352810	7/2/2023	817	321,456	817	241,390
2352893	7/6/2023	50	64,500	50	15,800
2353069	7/13/2023	675	77,625	675	62,100
2353270	7/20/2023	4,273	85,460	0	0
2353359	7/27/2023	1,251	839,421	1,251	689,301
2353616	8/12/2023	1,610	548,906	1,610	138,330
2353790	8/25/2023	454	350,488	0	0
2353838	8/25/2023	3,520	958,410	0	0
2353863	8/25/2023	683	230,171	683	202,851
2354049	9/8/2023	693	92,106	693	78,939
2343920	6/29/2023	843	292,521	843	260,487
2343976	7/13/2023	25	8,750	0	0
2340140	8/25/2023	4,799	1,435,082	0	0
2353071	7/13/2023	305	120,170	305	71,065
2355054	8/28/2023	1,093	501,687	1,093	122,416
2355051	7/13/2023	125	127,625	125	104,750
2355053	7/14/2023	254	30,734	0	0
2355055	8/12/2023	777	81,558	777	48,147
2354147	9/19/2023	150	41,100	150	29,250

Formulae used in calculating the indices

$$SAIFI = \frac{(Total\ kVA - interrupted)\ -\ (kVA\ impact\ of\ major\ events)}{System\ Connected\ kVA}$$

$$SAIDI = \frac{(Total\ kVA\ \text{min}\,u\,tes - interrupted) - (kVA\ \text{min}\,u\,te\ impact\ of\ major\ events)}{System\ Connected\ kVA}$$

$$CAIDI = \frac{SAIDI}{SAIFI}$$

Data used in calculating the indices

Total kVA Interrupted for the Period:	4,668,643 kVA
Total kVA-Minutes Interrupted:	520,145,032 kVA-Minutes
System Connected Load as of 03/31/24	7,906,797 kVA

(e)(3) *Rolling 12-month reliability index values (SAIFI, CAIDI, SAIDI, and if available, MAIFI) and other pertinent information such as customers served, number of interruptions, customer minutes interrupted, number of lockouts, and so forth, for the worst performing 5% of the circuits in the system. An explanation of how the electric distribution company defines its worst performing circuits shall be included.*

Circuits are evaluated based on a rolling twelve-month count of lockouts of protective devices (circuit breakers, reclosers, sectionalizers, and line fuses) and on total accumulated kVA-minutes of customer outage time. Circuits that experience multiple lockouts for a device in combination with high total accumulated kVA-minutes of customer outage time in each quarterly rolling twelve-month period are identified and the top 5% are reported as worst-performing circuits.

The list of worst-performing circuits is ranked first by the number of kVA-minutes of outage experienced by customers on these circuits (highest to lowest) and then by device lockouts from highest to lowest. This places a higher priority on circuits with repeat outages affecting customers (SAIFI) while also focusing on outage duration for customers on these circuits (SAIDI).

While repairs are made as quickly as possible following every customer outage, circuits that appear on the worst performing circuits list are targeted for more extensive remediation based on a detailed review of historical outage records looking at root cause problems, field evaluations, and engineering analysis. Project scopes developed as a result of this analysis are incorporated into the Company's Work Plan for engineering, design, and construction. Since the focus is on reducing future customer outage duration and not just outage frequency, special attention is given to establishing/optimizing sectionalizing switch locations and alternate feeds to problem-prone areas of circuits and, where possible, replacing or eliminating equipment that has historically required lengthy repair times as well as a high failure rates.

At the end of each quarter, all previously identified circuits are reviewed to verify that past remediation efforts are working and to look for new reliability issues that may be developing. Serious new reliability problems are addressed immediately without waiting additional periods to collect information. This analysis method provides for timely review of circuit performance by in-house staff and it adapts to the dynamic nature of Duquesne Light's distribution system.

Special Note: *Because of sophisticated protection and remote automation technologies that the Company uses on its distribution circuits, not all customers on a circuit identified as a worst performing circuit actually experience significant reliability issues. Circuit problems are generally isolated to one load block of a circuit in less than five minutes with downstream customers only experiencing short momentary outages. Customers upstream of a circuit problem may not even experience a momentary outage. Therefore, many customers on a circuit identified as a poor performer do not experience problems with reliability.*

See Attachment A for a list of worst-performing circuits showing feeder device lockouts and reliability index values associated with each circuit.

(e)(4) Specific remedial efforts taken and planned for the worst performing 5% of the circuits as identified in paragraph (3).

First Quarter 2024 Rolling 12-Month Circuit Data

Rank, Circuit Name, Device	Outages	Remedial Actions Planned or Taken
1 23688 Chess Sectionalizer	2 Total Outage(s) First Quarter Outage(s): • One outage was caused by contact with company equipment by vehicle. Previous Outage(s): • One outage was caused by contact with company equipment by vehicle.	• Permanent repairs were made following each outage as necessary. • Distribution Overhead Line Inspection performed in 2021 and all high priority repairs completed. • Next Overhead Line Inspection planned for 2026. • The Company is investigating reliability enhancements for this circuit. • Vegetation Management completed Q4 2018. Next maintenance proposed for 2024.
2 23868 Wildwood Sectionalizer	3 Total Outage(s) First Quarter Outage(s): • One outage was caused by tree fall-in Outside ROW. Previous Outage(s): • One outage was caused by contact with company equipment by vehicle. • One outage was caused by equipment failure.	• Permanent repairs were made following each outage as necessary. • Distribution Overhead Line Inspection performed in 2024 and all high priority repairs completed. • Next Overhead Line Inspection planned for 2029. • The Company is investigating reliability enhancements for this circuit. • Vegetation Management completed Q4 2020. Next maintenance proposed for 2025.

Rank, Circuit Name, Device	Outages	Remedial Actions Planned or Taken
3 22862 Crescent-Sewickley S.S. Breaker	2 Total Outage(s) First Quarter Outage(s): • No outage(s). Previous Outage(s): • One outage was caused by animal contact. • One outage was caused by wires wrapping together which caused a short circuit.	• Permanent repairs were made following each outage as necessary. • Distribution Overhead Line Inspection performed in 2020 and all high priority repairs completed. • Next Overhead Line Inspection planned for 2025. • The Company is investigating reliability enhancements for this circuit. • Vegetation Management completed Q4 2021. Next maintenance proposed for 2025.
4 23870 Mt. Nebo Fuse Link	3 Total Outage(s) First Quarter Outage(s): • Two outages were by unknown causes. Previous Outage(s): • One outage was caused by tree fall-in Outside ROW.	• Permanent repairs were made following each outage as necessary. • Distribution Overhead Line Inspection performed in 2022 and all high priority repairs completed. • Next Overhead Line Inspection planned for 2027. • The Company is investigating reliability enhancements for this circuit. • Vegetation Management completed Q4 2021. Performed mid-cycle maintenance Q4 2023. Next maintenance proposed for 2025.

Rank, Circuit Name, Device	Outages	Remedial Actions Planned or Taken
5 23920 Logans Ferry Fuse Link	3 Total Outage(s) First Quarter Outage(s): • One outage was caused by wires wrapping together which caused a short circuit. Previous Outage(s): • Two outages were by unknown causes.	• Permanent repairs were made following each outage as necessary. • Distribution Overhead Line Inspection performed in 2024 and all high priority repairs completed. • Next Overhead Line Inspection planned for 2029. • The Company is investigating reliability enhancements for this circuit. • Vegetation Management completed Q2 2020. Next maintenance proposed for 2025.
6 23921 Logans Ferry Fuse Link	3 Total Outage(s) First Quarter Outage(s): • No outage(s). Previous Outage(s): • Two outages were by unknown causes. • One outage was caused by a grow-in by tree, brush, or vines.	• Permanent repairs were made following each outage as necessary. • Distribution Overhead Line Inspection performed in 2022 and all high priority repairs completed. • Next Overhead Line Inspection planned for 2027. • The Company is investigating reliability enhancements for this circuit. • Vegetation Management completed Q4 2020. Next maintenance proposed for 2025.

Rank, Circuit Name, Device	Outages	Remedial Actions Planned or Taken
7 23675 Montour Fuse Link	2 Total Outage(s) First Quarter Outage(s): • No outage(s). Previous Outage(s): • One outage was caused by animal contact. • One outage was caused by equipment failure.	• Permanent repairs were made following each outage as necessary. • Distribution Overhead Line Inspection performed in 2020 and all high priority repairs completed. • Next Overhead Line Inspection planned for 2025. • The Company is investigating reliability enhancements for this circuit. • Vegetation Management completed Q4 2020. Performed mid-cycle maintenance Q4 2023. Next maintenance proposed for 2025.
8 22869 Midland-Cooks Ferry Recloser	2 Total Outage(s) First Quarter Outage(s): • One outage was by an unknown cause. Previous Outage(s): • One outage was caused by a storm.	• Permanent repairs were made following each outage as necessary. • Distribution Overhead Line Inspection performed in 2019 and all high priority repairs completed. • Next Overhead Line Inspection planned for 2024. • The Company is investigating reliability enhancements for this circuit. • Vegetation Management completed Q4 2022. Performed mid-cycle maintenance Q4 2023. Next maintenance proposed for 2027.

Rank, Circuit Name, Device	Outages	Remedial Actions Planned or Taken
9 22366 Woodville-Kirwan Sectionalizer	1 Total Outage(s) First Quarter Outage(s): • One outage was caused by improper equipment installation. Previous Outage(s): • No outage(s).	• Permanent repairs were made following each outage as necessary. • Distribution Overhead Line Inspection performed in 2021 and all high priority repairs completed. • Next Overhead Line Inspection planned for 2026. • The Company is investigating reliability enhancements for this circuit. • Vegetation Management completed Q3 2020. Next maintenance proposed for 2025.
10 23713 Pine Creek Recloser	3 Total Outage(s) First Quarter Outage(s): • No outage(s). Previous Outage(s): • Two outages were caused by tree fall-in Outside ROW. • One outage was caused by equipment failure.	• Permanent repairs were made following each outage as necessary. • Distribution Overhead Line Inspection performed in 2023 and all high priority repairs completed. • Next Overhead Line Inspection planned for 2028. • The Company is investigating reliability enhancements for this circuit. • Vegetation Management completed Q4 2020. Performed mid-cycle maintenance Q4 2023. Next maintenance proposed for 2025.

Rank, Circuit Name, Device	Outages	Remedial Actions Planned or Taken
11 22150 Wilmerding-Rankin No. 3 S.S. Breaker	3 Total Outage(s) First Quarter Outage(s): • One outage was caused by equipment failure. Previous Outage(s): • One outage was caused by tree fall-in Outside ROW. • One outage was caused by tree fall-in Inside ROW.	• Permanent repairs were made following each outage as necessary. • Distribution Overhead Line Inspection performed in 2023 and all high priority repairs completed. • Next Overhead Line Inspection planned for 2028. • The Company is investigating reliability enhancements for this circuit. • Vegetation Management completed Q4 2020. Next maintenance proposed for 2025.
12 23770 Traverse Run Recloser	3 Total Outage(s) First Quarter Outage(s): • No outage(s). Previous Outage(s): • Two outages were caused by tree fall-in Outside ROW. • One outage was caused by contact with company equipment by vehicle.	• Permanent repairs were made following each outage as necessary. • Distribution Overhead Line Inspection performed in 2023 and all high priority repairs completed. • Next Overhead Line Inspection planned for 2028. • The Company is investigating reliability enhancements for this circuit. • Vegetation Management completed Q2 2020. Performed mid-cycle maintenance Q4 2023. Next maintenance proposed for 2025.

Rank, Circuit Name, Device	Outages	Remedial Actions Planned or Taken
13 23646 Wolfe Run Fuse Link	2 Total Outage(s) First Quarter Outage(s): • One outage was caused by lightning. Previous Outage(s): • One outage was by an unknown cause.	• Permanent repairs were made following each outage as necessary. • Distribution Overhead Line Inspection performed in 2023 and all high priority repairs completed. • Next Overhead Line Inspection planned for 2028. • The Company is investigating reliability enhancements for this circuit. • Vegetation Management completed Q4 2023. Next maintenance proposed for 2029.
14 23613 Findlay Recloser	2 Total Outage(s) First Quarter Outage(s): • No outage(s). Previous Outage(s): • One outage was caused by animal contact. • One outage was caused by equipment failure.	• Permanent repairs were made following each outage as necessary. • Distribution Overhead Line Inspection performed in 2022 and all high priority repairs completed. • Next Overhead Line Inspection planned for 2027. • The Company is investigating reliability enhancements for this circuit. • Vegetation Management completed Q4 2021. Next maintenance proposed for 2026.

Rank, Circuit Name, Device	Outages	Remedial Actions Planned or Taken
15 23714 Pine Creek Recloser	3 Total Outage(s) First Quarter Outage(s): • One outage was caused by tree fall-in Outside ROW. Previous Outage(s): • One outage was caused by tree fall-in Inside ROW. • One outage was caused by high winds.	• Permanent repairs were made following each outage as necessary. • Distribution Overhead Line Inspection performed in 2023 and all high priority repairs completed. • Next Overhead Line Inspection planned for 2028. • The Company is investigating reliability enhancements for this circuit. • Vegetation Management completed Q4 2018. Next maintenance proposed for 2024.
16 23631 Sewickley Fuse Link	2 Total Outage(s) First Quarter Outage(s): • One outage was by an unknown cause. • One outage was caused by equipment failure. Previous Outage(s): • No outage(s).	• Permanent repairs were made following each outage as necessary. • Distribution Overhead Line Inspection performed in 2022 and all high priority repairs completed. • Next Overhead Line Inspection planned for 2026. • The Company is investigating reliability enhancements for this circuit. • Vegetation Management completed Q4 2021. Performing Mid-Cycle Hot-Spotting Q4 2023. Full cycle proposed for 2025.

Rank, Circuit Name, Device	Outages	Remedial Actions Planned or Taken
17 23640 Midland S.S. Breaker	2 Total Outage(s) First Quarter Outage(s): • One outage was caused by tree fall-in Outside ROW. • One outage was caused by equipment failure. Previous Outage(s): • No outage(s).	• Permanent repairs were made following each outage as necessary. • Distribution Overhead Line Inspection performed in 2022 and all high priority repairs completed. • Next Overhead Line Inspection planned for 2027. • The Company is investigating reliability enhancements for this circuit. • Vegetation Management completed Q4 2018. Next maintenance proposed for 2024.
18 23681 Woodville Fuse Link	3 Total Outage(s) First Quarter Outage(s): • Two outages were caused by tree fall-in Outside ROW. Previous Outage(s): • One outage was caused by tree fall-in Outside ROW.	• Permanent repairs were made following each outage as necessary. • Distribution Overhead Line Inspection performed in 2024 and all high priority repairs completed. • Next Overhead Line Inspection planned for 2029. • The Company is investigating reliability enhancements for this circuit. • Vegetation Management completed Q4 2021. Proposed for 2026.

Rank, Circuit Name, Device	Outages	Remedial Actions Planned or Taken
19 23623 Raccoon S.S. Breaker	4 Total Outage(s) First Quarter Outage(s): • One outage was caused by tree fall-in Outside ROW. Previous Outage(s): • Two outages were caused by equipment failure. • One outage was caused by tree fall-in Outside ROW.	• Permanent repairs were made following each outage as necessary. • Distribution Overhead Line Inspection performed in 2021 and all high priority repairs completed. • Next Overhead Line Inspection planned for 2026. • The Company is investigating reliability enhancements for this circuit. • Vegetation Management completed Q4 2022. Next maintenance proposed for 2027.
20 23882 Rankin S.S. Breaker	3 Total Outage(s) First Quarter Outage(s): • No outage(s). Previous Outage(s): • One outage was caused by tree fall-in Outside ROW. • One outage was by an unknown cause. • One outage was caused by tree fall-in Inside ROW.	• Permanent repairs were made following each outage as necessary. • Distribution Overhead Line Inspection performed in 2020 and all high priority repairs completed. • Next Overhead Line Inspection planned for 2025. • The Company is investigating reliability enhancements for this circuit. • Vegetation Management completed Q3 2021. Next maintenance proposed for 2026.

Rank, Circuit Name, Device	Outages	Remedial Actions Planned or Taken
21 4687 Lewis Run S.S. Breaker	1 Total Outage(s) First Quarter Outage(s): • No outage(s). Previous Outage(s): • One outage was caused by tree fall-in Outside ROW.	• Permanent repairs were made following each outage as necessary. • Distribution Overhead Line Inspection performed in 2022 and all high priority repairs completed. • Next Overhead Line Inspection planned for 2027. • The Company is investigating reliability enhancements for this circuit. • Vegetation Management completed Q4 2022. Next maintenance proposed for 2026.
22 23843 Arsenal Sectionalizer	2 Total Outage(s) First Quarter Outage(s): • One outage was caused by tree fall-in Outside ROW. Previous Outage(s): • One outage was caused by an overload from high current.	• Permanent repairs were made following each outage as necessary. • Distribution Overhead Line Inspection performed in 2021 and all high priority repairs completed. • Next Overhead Line Inspection planned for 2026. • The Company is investigating reliability enhancements for this circuit. • Vegetation Management completed Q4 2022. Proposed for 2026.

Rank, Circuit Name, Device	Outages	Remedial Actions Planned or Taken
23 23881 Rankin Sectionalizer	2 Total Outage(s) First Quarter Outage(s): • Two outages were caused by conductor failures. Previous Outage(s): • No outage(s).	• Permanent repairs were made following each outage as necessary. • Distribution Overhead Line Inspection performed in 2021 and all high priority repairs completed. • Next Overhead Line Inspection planned for 2026. • The Company is investigating reliability enhancements for this circuit. • Vegetation Management completed Q3 2023. Next maintenance proposed for 2028.
24 23709 North S.S. Breaker	2 Total Outage(s) First Quarter Outage(s): • One outage was caused by equipment failure. Previous Outage(s): • One outage was caused by tree fall-in Inside ROW.	• Permanent repairs were made following each outage as necessary. • Distribution Overhead Line Inspection performed in 2022 and all high priority repairs completed. • Next Overhead Line Inspection planned for 2027. • The Company is investigating reliability enhancements for this circuit. • Vegetation Management completed Q4 2022. Next maintenance proposed for 2027.

Rank, Circuit Name, Device	Outages	Remedial Actions Planned or Taken
25 23803 Elwyn Recloser	2 Total Outage(s) First Quarter Outage(s): • No outage(s). Previous Outage(s): • One outage was caused by tree fall-in Outside ROW. • One outage was caused by a storm.	• Permanent repairs were made following each outage as necessary. • Distribution Overhead Line Inspection performed in 2020 and all high priority repairs completed. • Next Overhead Line Inspection planned for 2025. • The Company is investigating reliability enhancements for this circuit. • Vegetation Management completed Q4 2018. Next maintenance proposed for 2024.
26 23679 Woodville Recloser	1 Total Outage(s) First Quarter Outage(s): • No outage(s). Previous Outage(s): • One outage was caused by contact with company equipment by vehicle.	• Permanent repairs were made following each outage as necessary. • Distribution Overhead Line Inspection performed in 2023 and all high priority repairs completed. • Next Overhead Line Inspection planned for 2028. • The Company is investigating reliability enhancements for this circuit. • Vegetation Management completed Q4 2020. Next maintenance proposed for 2025.

Rank, Circuit Name, Device	Outages	Remedial Actions Planned or Taken
27 23900 Plum Fuse Link	1 Total Outage(s) First Quarter Outage(s): • No outage(s). Previous Outage(s): • One outage was by an unknown cause.	• Permanent repairs were made following each outage as necessary. • Distribution Overhead Line Inspection performed in 2023 and all high priority repairs completed. • Next Overhead Line Inspection planned for 2028. • The Company is investigating reliability enhancements for this circuit. • Vegetation Management completed Q4 2021. Next maintenance proposed for 2026.

(e)(5) *A rolling 12-month breakdown and analysis of outage causes during the preceding quarter, including the number and percentage of service outages, the number of customers interrupted, and customer interruption minutes categorized by outage cause such as equipment failure, animal contact, tree related, and so forth. Proposed solutions to identified service problems shall be reported.*

Proposed solutions to identified service problems are listed in Section (e)(4) above.

April 1, 2023 through March 31, 2024
One Major Event Excluded

CAUSE	NO. OF OUTAGES	OUTAGE PERCENTAGE	kVA TOTAL	kVA PERCENTAGE	kVA-Minute TOTAL	kVA-Minute PERCENTAGE
Storms	161	6%	349,941	7%	48,664,290	9%
Trees (Inside ROW)	224	8%	344,337	7%	40,280,300	8%
Trees (Outside ROW)	692	25%	1,150,072	25%	158,880,832	31%
Equipment Failures	567	21%	1,528,907	33%	145,769,549	28%
Overloads	15	1%	19,573	0%	8,001,661	2%
Vehicles	445	16%	470,083	10%	54,364,962	10%
Contact / Dig In	50	2%	72,066	2%	6,840,672	1%
Animal Contact	107	4%	160,587	3%	11,086,728	2%
Unknown	315	12%	304,277	7%	19,721,676	4%
Other	140	5%	268,800	6%	26,534,362	5%
TOTALS	**2,716**	**100%**	**4,668,643**	**100%**	**520,145,032**	**100%**

(e)(6) *Quarterly and year-to-date information on progress toward meeting transmission and distribution inspection and maintenance goals/ objectives.*

2024 Transmission and Distribution Goals and Objectives							
Program Project	**Unit of Measurement**	**Target for 2024 1Q**	**Actual for 2024 1Q**	**1Q % Complete**	**Targets for Year 2024**	**Actual YTD for 2024**	**Year End % Complete**
Communications Goals							
Communication Battery Maintenance	Batteries	28	28	100%	112	28	25%
Overhead Distribution Goals							
Recloser Inspections	Circuits	30	36	120%	114	36	32%
Pole Inspections	Poles	1,512	2705	179%	17,742	2,705	15%
OH Line Inspections	Circuits	30	36	120%	114	36	32%
OH Transformer Inspections	Circuits	30	36	120%	114	36	32%
Padmount & Below Grade Insp	Circuits	78	79	101%	78	79	101%
Overhead Transmission Goals							
Helicopter Inspections	Circuits	0	0	N/A	23	0	0%
Ground Inspections	Circuits	7	7	100%	7	7	100%
Substations Goals							
Circuit Breaker Maintenance	Breakers	80	139	174%	305	139	46%
Station Transformer Maintenance	Transformers	12	1	8%	48	1	2%
Station Battery Maintenance	Batteries	213	185	87%	852	185	22%
Station Relay Maintenance	Relays	343	447	130%	1,359	447	33%
Station Inspections	Sites	471	471	100%	1,884	471	25%
Underground Distribution Goals							
Manhole Inspections	Manholes	177	437	247%	700	437	62%
Major Network Insp (Prot Relay)	Ntwk Protectors	24	28	117%	92	28	30%
Minor Network Visual Inspection (Transformer/Protector/Vault)	Ntwk Transformers	144	551	383%	576	551	96%
Underground Transmission Goals							
Pressurization and Cathodic Protection Plant Inspection	Work Orders	106	94	89%	424	94	22%
Vegetation Management Goals							
Overhead Line Clearance	Circuit Overhead Miles	327	313	96%	1,300	313	24%

(e)(7) *Quarterly and year-to-date information on budgeted versus actual transmission and distribution operation and maintenance expenditures in total and detailed by the EDC's own functional account code or FERC account code as available.*

Budget Variance Recap – O&M Expenses
For the Three Months Ending March 31, 2024
(In Whole Dollars)
Favorable/(Unfavorable)

	Total Actual	Total Budget	Variance
Customer Service	$23,106,124	$18,813,960	($4,292,164)
Human Resources	$7,435,245	$5,905,380	($1,529,865)
Operations/Operation Services	$12,187,431	$12,618,324	$430,893
Technology	$12,145,400	$13,488,534	$1,343,134
General Corporate*	$19,218,961	$17,896,587	($1,322,374)
Total	$74,093,161	$68,722,785	($5,370,376)

*Includes Finance, Office of General Counsel, and Senior Management costs.

Budget Variance Recap – O&M Expenses
Year to Date through March 31, 2024
(In Whole Dollars)
Favorable/(Unfavorable)

	Total Actual	Total Budget	Variance
Customer Service	$23,106,124	$18,813,960	($4,292,164)
Human Resources	$7,435,245	$5,905,380	($1,529,865)
Operations/Operation Services	$12,187,431	$12,618,324	$430,893
Technology	$12,145,400	$13,488,534	$1,343,134
General Corporate*	$19,218,961	$17,896,587	($1,322,374)
Total	$74,093,161	$68,722,785	($5,370,376)

*Includes Finance, Office of General Counsel, and Senior Management costs.

(e)(8) *Quarterly and year-to-date information on budgeted versus actual transmission and distribution capital expenditures in total and detailed by the EDC's own functional account code or FERC account code as available.*

Budget Variance Recap – Capital
For the Three Months Ending March 31, 2024
(In Whole Dollars)
Favorable/(Unfavorable)

	Total Actual	Total Budget	Variance
Customer Service	$2,858,619	$5,705,957	$2,847,338
Human Resources	$5,577,604	$4,211,961	($1,365,643)
Operations/Operation Services	$61,980,152	$91,318,164	$29,338,012
Technology	$11,298,379	$14,171,527	$2,873,148
General Corporate*	$23,904,017	$22,305,553	($1,598,464)
Total	$105,618,771	$137,713,162	$32,094,391

*Includes Finance, Office of General Counsel, and Senior Management costs.

Budget Variance Recap – Capital
Year to Date through March 31, 2024
(In Whole Dollars)
Favorable/(Unfavorable)

	Total Actual	Total Budget	Variance
Customer Service	$2,858,619	$5,705,957	$2,847,338
Human Resources	$5,577,604	$4,211,961	($1,365,643)
Operations/Operation Services	$61,980,152	$91,318,164	$29,338,012
Technology	$11,298,379	$14,171,527	$2,873,148
General Corporate*	$23,904,017	$22,305,553	($1,598,464)
Total	$105,618,771	$137,713,162	$32,094,391

*Includes Finance, Office of General Counsel, and Senior Management costs.

(e)(9) *Dedicated staffing levels for transmission and distribution operation and maintenance at the end of the quarter, in total and by specific category (e.g., linemen, technician, and electrician).*

Job Title	Number of Employees
Telecom Splicer/Trouble Tech	6
Electronic Technician	14
Telecom Technician	2
Total Telecom	**22**
Electrical Equipment Technician	35
Protection & Control Technician	35
Yard Group Leader	1
Rigger	5
Laborer	3
Total Substation	**79**
UG Splicer	47
UG Cable Inspector	10
Cable Tester	1
Network Operator	11
Equipment Material Handler	1
Total Underground	**70**
Apprentice T&D	0
General Lineworker Apprentice	71
Equipment Attendant	1
Lineworker	122
Service Crew Leader	5
Equipment Material Handler	2
Total Overhead	**201**
Right of Way Agent	5
Surveyor	4
Total Real Estate	**9**
Total Street Light Changer	**4**
Engineering Technician	52
GIS Technician	10
T&D Mobile Worker	8
Test Technician, Mobile	5
Total Engineering	**75**
Senior Operator Apprentice	0
Senior Operator	35
Troubleshooter	15
Total Senior Operator/Troubleshooter	**50**
Total Switching Dispatcher	**13**
Total Employees	**523**

(e)(10) *Quarterly and year-to-date information on contractor hours and dollars for transmission and distribution operation and maintenance.*

CONFIDENTIAL INFORMATION

REDACTED

(e)(11) *Monthly call-out acceptance rate for transmission and distribution maintenance workers presented in terms of both the percentage of accepted call-outs and the amount of time it takes the EDC to obtain the necessary personnel. A brief description of the EDC's call-out procedure should be included when appropriate.*

CONFIDENTIAL INFORMATION

Call-Out Acceptance Rate – 1st Quarter 2024
REDACTED

Amount of Time it Takes to Obtain the Necessary Personnel – 1st Quarter 2024
REDACTED

(d)(2) *The name, title, telephone number and e-mail address of the persons who have knowledge of the matters, and can respond to inquiries.*

Matthew Thimons – General Manager, Asset Management
(412) 393-8639, mthimons@duqlight.com

Jaime Bachota – Assistant Controller, Accounting & Financial Reporting
(412) 393-1122, jbachota@duqlight.com

Jason Keller – Director, Operations Center
(412) 393-2897, jkeller@duqlight.com

ATTACHMENT A

(e)(3) *Rolling 12-month reliability index values (SAIFI, CAIDI, SAIDI, and if available, MAIFI) and other pertinent information such as customers served, number of interruptions, customer minutes interrupted, number of lockouts, and so forth, for the worst performing 5% of the circuits in the system.*[1]

Rank	Circuit No	Circuit Name	Equipment Type	Device	Last Lockout	Ckt KVA	Total KVA Min Interrupted	Total KVA Interrupted	SAIDI	SAIFI	CAIDI
1	23688	Chess	SECTIONALIZER	EA306	2024-03-08	25577	10478276	46865	398.421294	1.791353	223.584252
2	23868	Wildwood	SECTIONALIZER	WA741	2024-01-10	33626	10256013	78802	309.652831	2.380944	130.149145
3	22862	Crescent-Sewickley	S.S. BREAKER	BREAKER	2023-04-17	20413	9563010	67632	468.47646	3.313182	141.397711
4	23870	Mt. Nebo	FUSE LINK	Pole # 81335	2024-03-04	36855	9526818	111644	282.705277	3.317648	85.332109
5	23920	Logans Ferry	FUSE LINK	Pole # 264760	2024-01-09	26336	9299658	92173	353.11581	3.499885	100.893515
6	23921	Logans Ferry	FUSE LINK	Pole # 662	2023-11-09	30891	9128202	73658	295.497134	2.384448	123.926823
7	23675	Montour	FUSE LINK	Pole # 32772	2023-10-16	26130	8968376	74000	343.22143	2.831993	121.19427
8	22869	Midland-Cooks Ferry	RECLOSER	WR946	2024-01-29	31120	7893807	68941	253.657036	2.215326	114.500906
9	22366	Woodville-Kirwan	SECTIONALIZER	SWA180	2024-01-08	8112	7723792	32631	952.143983	4.022558	236.701051
10	23713	Pine Creek	RECLOSER	WR1004	2023-11-07	30225	6975041	73425	240.241401	2.530541	94.995451
11	22150	Wilmerding-Rankin No.3	S.S. BREAKER	BREAKER	2024-01-27	8269	6862986	71371	829.965654	8.631151	96.159308
12	23770	Traverse Run	RECLOSER	WR545	2023-12-25	18265	6856905	59589	375.412263	3.262468	115.069979
13	23646	Wolfe Run	FUSE LINK	Pole # 73476	2024-02-28	32060	6352692	104911	198.150093	3.272332	60.553154
14	23613	Findlay	RECLOSER	WR684	2023-09-15	27783	5742978	61194	206.708346	2.202569	93.84871
15	23714	Pine Creek	RECLOSER	WR976	2024-01-25	23632	5472450	35869	167.130506	1.102207	152.567676
16	23631	Sewickley	FUSE LINK	Pole # 64347	2024-01-12	32880	5436226	75157	165.335339	2.285796	72.331599
17	23640	Midland	S.S. BREAKER	BREAKER	2024-03-10	31306	5435395	61085	173.621509	1.951222	88.980846
18	23681	Woodville	FUSE LINK	Pole # 126387	2024-02-27	36348	5415230	48313	155.292061	1.379326	112.086394
19	23623	Raccoon	S.S. BREAKER	BREAKER	2024-01-25	29554	5301459	63458	179.382113	2.147187	83.542799
20	23882	Rankin	S.S. BREAKER	BREAKER	2023-08-07	17924	5237010	41452	292.178643	2.312652	126.339139
21	4687	Lewis Run	S.S. BREAKER	BREAKER	2023-08-25	6441	5194114	8658	806.41422	1.3442	599.920766
22	23843	Arsenal	SECTIONALIZER	WA740	2024-03-07	22975	4985830	41587	217.011098	1.810097	119.889148
23	23881	Rankin	SECTIONALIZER	EA223	2024-01-13	21002	4905276	52970	233.562326	2.52214	92.604795
24	23709	North	S.S. BREAKER	BREAKER	2024-03-21	25182	4886994	78950	194.066952	3.135175	61.89986
25	23803	Elwyn	RECLOSER	ER722	2023-08-25	33011	4800129	33902	145.409984	1.026991	141.588372
26	23679	Woodville	RECLOSER	ER1195	2023-08-22	20288	4666456	38981	257.29631	2.14941	119.711038
27	23900	Plum	FUSE LINK	Pole # 273474	2023-12-19	8361	4643750	27830	555.406051	3.328549	166.8613

[1] The "Device" column indicates the device that most frequently operated and locked out in response to a fault.