Mary Kellam
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May 19, 2026

VIA ELECTRONIC FILING

Secretary Matthew L. Homsher, Esq.
Pennsylvania Public Utility Commission
Commonwealth Keystone Building
2nd Floor, Room-N201
400 North Street
Harrisburg, PA 17120

Re: **Duquesne Light Company 2025 Annual Electric Reliability Report Docket No. M-2023-3039027**

Dear Secretary Homsher:

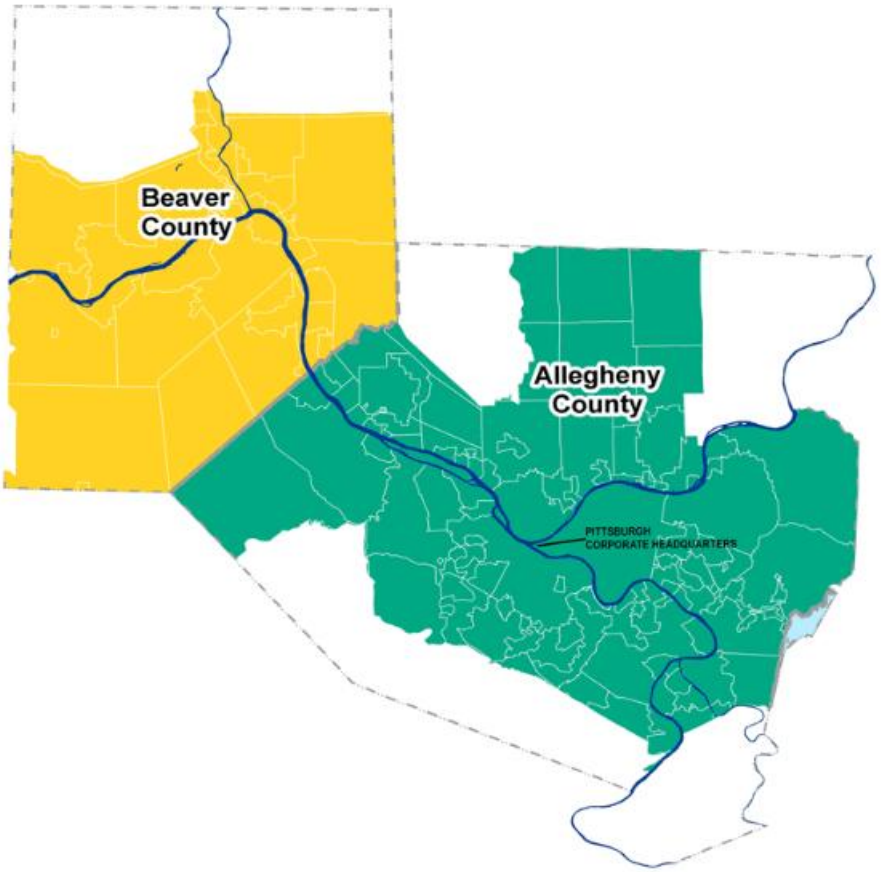
Please find enclosed for filing Duquesne Light Company's 2025 Annual Electric Reliability Report. Per your request, DLC has included, as Addendum 1 to this filing, a public version of its emergency load control procedures for your reference.

If you have any questions regarding the information contained in this filing, please feel free to contact me and/or Ethan Bayne.

Sincerely,

Mary Kellam
Specialist, Regulatory Performance

Enclosure
Cc (w/enc.):
Bureau of Technical Utility Services (dsearfoorc@pa.gov; jvanzant@pa.gov)
Office of Consumer Advocate (ra-oca@paoca.org)
Office of Small Business Advocate (ra-sba@pa.gov)



2025 Annual Electric Reliability Report

to the

Pennsylvania Public Utility Commission

Duquesne Light Company
411 Seventh Avenue
Pittsburgh, PA 15219

May 19, 2026

DUQUESNE LIGHT COMPANY
ANNUAL ELECTRIC RELIABILITY REPORT

Filed April 30, 2026

52 Pa Code §57.195 Reporting Requirements

(a)(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

Wesley Terek – General Manager, System Planning & Protection
(412) 393-8324, wterek@duqlight.com

(b)(1) An overall current assessment of the state of the system reliability in the electric distribution company's service territory including a discussion of the electric distribution company's current programs and procedures for providing reliable electric service.

Duquesne Light Company's ("Duquesne Light" or "the Company") service territory covers approximately 817 square miles, with a well-developed distribution system throughout. Electric service reliability remains very consistent across the service territory. The combination of an effective outage restoration process and significant distribution automation allows the Company to quickly restore power to large numbers of customers in outage situations.

Achieving outstanding performance in system reliability continues to be one of Duquesne Light's most important long-term objectives. The Asset Management and System Planning Groups perform ongoing analysis of reliability indices, root cause analysis of outages, and tracking and monitoring of other performance measures to identify improvement opportunities and optimize reliability. This long-term process includes making recommendations for capital projects such as circuit rehabilitation, new substations, and distribution circuits. It also includes implementation of new advanced protection and coordination schemes on the distribution system that better localize customer outages and reduce momentary outages.

Duquesne Light continues its Emergent Work Process, which is used to identify problems, set priorities, and resolve reliability issues as quickly as possible. Each day, field personnel perform field inspections and any abnormalities are logged into a database. This database is reviewed regularly and any high priority problems are identified and a course of action is determined. Analysis at the device level is used to identify small areas where customers have experienced multiple outages. Assessing only system level or even circuit level data may mask these isolated problems.

Scheduled preventative and predictive maintenance activities continue to reduce the potential for future service interruptions. Corrective maintenance is prioritized with the objective to reduce backlog in the most cost-efficient manner.

The capital budget for 2025 included projects to meet customer service requests and projects targeting distribution reliability and resiliency, including pole replacement, vegetation management, circuit voltage conversions, URD rehabilitation, and construction of a new substation.

Specific programs, procedures, and ongoing maintenance activities that support Duquesne Light's commitment to service reliability include:

- A Distribution Overhead Line Inspection Program, which includes infrared inspections, that systematically identifies circuit problems for remedial action in advance of failure.

- Vegetation Management Maintenance Programs with the goal of reducing tree and branch failures through proactive pruning and removal to manage proper clearances. Duquesne Light believes that this program will help reduce the frequency of outages by addressing targeted tree failure conditions that typically result in physical damage to our facilities.

- An all pulse-reclosing protection technology has been implemented on some 23kV circuits. This technology eliminates traditional "hard reclosing," thereby making it easier and faster to conduct repairs and restore circuits to normal operation, enabling customers to be restored more quickly. This technology also reduces stress and damage on the entire circuit since the breaker is no longer required to trip, also contributing to the reduction in momentary outages to customers.

- Line maintenance work of various types is regularly performed in order to maintain the distribution plant. This work includes replacement of cross arms, arrestors, insulators, and other equipment on the overhead system as well as inspections and remedial work on the underground system.

- Storm Preparedness Training is conducted each year and Storm Review Meetings are held following major events. These meetings focus on the successes and challenges of the most recent emergency service restoration effort. Service restoration process improvements are made as needed to improve response time and effectiveness during the next restoration effort.

Finally, the Company implemented its Long-Term Infrastructure Improvement Plan (LTIIP) approved April 20, 2017[1] to accelerate its infrastructure program. The Company's second LTIIP was approved November 11, 2022, and spans January 1, 2023 through December 31, 2028.[2]

[1] Petition of Duquesne Light Company for Approval of its Long-Term Infrastructure Improvement Plan, Docket No. P-2016-2540046.
[2] Petition of Duquesne Light Company for Approval of its Second Long-Term Infrastructure Improvement Plan, Docket No. P-2022-3032805.

b)(2) A description of each major event that occurred during the year being reported on, 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 experienced one major event during 2025.

This event occurred on April 29, 2025. Duquesne Light's major outage event on April 29, 2025 was caused by a derecho that began on Tuesday, April 29, 2025 at 15:45 hours and ended Monday, May 12, 2025 at 23:30 hours. The event affected 210,857 customers of the 612,752 total customers in DLC's service territory. The straight line "derecho" winds reached up to 90mph, which downed trees on power lines and caused extensive damage to poles and equipment throughout Duquesne Light's service territory in Allegheny and Beaver Counties.

(b)(3) A table showing the actual values of each of the reliability indices (SAIFI, CAIDI, SAIDI, and if available, MAIFI) for the electric distribution company's service territory for each of the preceding 3 calendar years. The report shall include the data used in calculating the indices, namely the average number of customers served, the number of sustained customer minutes interruptions, the number of customers affected, and the minutes of interruption. If MAIFI values are provided, the number of customer momentary interruptions shall also be reported.

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

	SAIDI	SAIFI	CAIDI	MAIFI
2023	63	0.57	110	*
2024	126.8	0.82	155.5	*
2025	102.9	0.84	122.73	*
3 Year Average	97.6	0.74	129.4	*
Benchmark	126	1.17	108	*
12 Month Standard	182	1.40	130	*

* 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 partially attributed to the wide deployment of intelligent devices on the system that can quickly isolate a fault to the least number of customers.

Duquesne Light's 2025 SAIFI and SAIDI performance are below both the benchmark and standard, while CAIDI performance is above the benchmark but below the standard. This can be attributed to unusually bad weather, including 5 non-excludable storm events.

Formulae Used in Calculating the Indices

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

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

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

Data used in calculating the indices

2025

Total kVA Interrupted for the Period:	6,630,319 kVA
Total kVA -Minutes Interrupted:	813,748,131 kVA-Min
System Connected Load as of 12/31/24:	7,906,797 kVA

2024

Total kVA Interrupted for the Period:	6,445,756 kVA
Total kVA -Minutes Interrupted:	1,002,509,188 kVA-Minutes
System Connected Load as of 12/31/23:	7,906,797 kVA

2023

Total kVA Interrupted for the Period:	4,547,896 kVA
Total kVA -Minutes Interrupted:	501,561,985 kVA-Minutes
System Connected Load as of 12/31/22:	7,932,442 kVA

(b)(4) A breakdown and analysis of outage causes during the year being reported on, including the number and percentage of service outages 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.

January 1, 2025 through December 31, 2025
One Major Event Excluded

CAUSE	NO. OF OUTAGES	OUTAGE PERCENTAGE	kVA TOTAL	kVA PERCENTAGE	kVA-MINUTE TOTAL	kVA-MINUTE PERCENTAGE
Storms	289	9%	614,054	9%	99,385,148	12%
Trees (Inside ROW)	205	7%	301,134	5%	39,508,046	5%
Trees (Outside ROW)	793	26%	1,759,848	27%	231,660,690	29%
Equipment Failures	765	25%	2,047,315	31%	252,503,446	31%
Overloads	23	1%	6,045	0%	772,506	0%
Vehicles	152	5%	433,126	6%	58,852,317	7%
Contact / Dig In	39	1%	45,544	1%	5,908,200	1%
Animal Contact	126	4%	150,024	2%	10,978,331	1%
Unknown	586	19%	1,042,346	16%	86,089,268	11%
Other	97	3%	230,883	3%	28,090,179	3%
TOTALS	**3075**	**100%**	**6,630,319**	**100%**	**813,748,131**	**100%**

(b)(5) A list of major remedial efforts taken to date and planned for circuits that have been on the worst performing 5% of circuits list for a year or more.

Rank, Circuit Name, Device	Outages	Remedial Actions Planned or Taken
1 22356 Woodville-Carnegie No.1 Sectionalizer	4 Total Outage(s) • One outage was caused by equipment failure. • One outage was caused by tree fall-in Inside ROW. • One outage was caused by high winds and wires being blown together. • One outage was caused by a storm.	• 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.
2 22869 Midland-Cooks Ferry Breaker	6 Total Outage(s) • Three outages were caused by equipment failure. • One outage was by an unknown cause. • One outage was caused by animal contact. • One outage was caused by wires wrapping together causing a short circuit.	• 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 2022. Performed mid-cycle maintenance Q4 2023. Next maintenance proposed for 2027.
3 23614 Midland Breaker	3 Total 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 2026. All high priority repairs are being completed. • Next Overhead Line Inspection planned for 2031. • The Company is investigating reliability enhancements for this circuit. • Vegetation Management completed Q4 2021. Next maintenance proposed for 2026.

4 23630 Sewickley Recloser	2 Total Outage(s) • One outage was caused by tree fall-in Outside ROW. • One outage was by an unknown cause.	• Permanent repairs were made following each outage as necessary. • Distribution Overhead Line Inspection performed in 2025 and all high priority repairs completed. • Next Overhead Line Inspection planned for 2030. • The Company is investigating reliability enhancements for this circuit. • Vegetation Management completed Q3 2025. Next maintenance proposed for 2029.
5 23646 Wolfe Run Breaker	7 Total Outage(s) • Three outages were caused by high winds and wires being blown together. • Two outages were by unknown causes. • Two outages were caused by tree fall-in Outside 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 2023. Next maintenance proposed for 2029.
6 23670 Montour Breaker	4 Total Outage(s) • Three outages were caused by storms. • 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 2026. All high priority repairs are being completed. • Next Overhead Line Inspection planned for 2031. • The Company is investigating reliability enhancements for this circuit. • Vegetation Management completed Q3 2022. Next maintenance proposed for 2027.
7 23681 Woodville Recloser	3 Total 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 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. Next maintenance proposed for 2026.
8 23709 North Fuse Link	3 Total Outage(s) • One outage was caused by tree fall-in Inside ROW. • One outage was caused by tree fall-in Outside ROW. • One outage was by an unknown cause.	• 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.
9 23869 Wildwood Breaker	3 Total Outage(s) • One outage was caused by equipment failure. • One outage was caused by contact with company equipment by vehicle. • 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 2026. All high priority repairs are being completed. • Next Overhead Line Inspection planned for 2031. • The Company is investigating reliability enhancements for this circuit. • Vegetation Management completed Q4 2025. Next maintenance proposed for 2030.
10 23870 Mt. Nebo Fuse Link	2 Total Outage(s) • Two outages were 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 2025. Next maintenance proposed for 2029.

(b)(6) A comparison of established transmission and distribution inspection and maintenance goals/objectives versus actual results achieved during the year being reported on. Explanations of any variances shall be included.

2025 Transmission and Distribution Goals and Objectives

Program Project	**Unit of Measurement**	**Target for 2025**	**Year End Actuals for 2025**	**Percent Complete**
Communications Goals				
Communication Battery Maintenance	Batteries	112	120	107%
Overhead Distribution Goals				
Recloser Inspections	Circuits	104	104	100%
Pole Inspections	Poles	20,686	20,877	101%
OH Line Inspections	Circuits	104	104	100%
OH Transformer Inspections	Circuits	104	104	100%
Padmount & Below Grade Insp	Circuits	86	86	100%
Overhead Transmission Goals				
Helicopter Inspections	Structures	590	621	105%
Ground Inspections	Circuits	10	11	110%
Substations Goals				
Circuit Breaker Maintenance	Breakers	344	314	91%*
Station Transformer Maintenance	Transformers	44	44	100%
Station Battery Maintenance	Batteries	844	845	100%
Station Relay Maintenance	Relays	1,267	1,393	110%
Station Inspections	Sites	1,869	1,869	100%
Underground Distribution Goals				
Manhole Inspections	Manholes	674	660	98%
Major Network Insp (Prot Relay)	Ntwk Protectors	99	98	99%
Minor Network Visual Inspection (Transformer/Protector/Vault)	Ntwk Transformers	572	572	100%
Underground Transmission Goals				
Pressurization and Cathodic Protection Plant Inspection	Work Orders	424	423	100%
Vegetation Management Goals				
Overhead Line Clearance	Circuit Overhead Miles	1,300	1,300	100%

* The variance between the percent complete and the annual target is primarily due to weather-related constraints that impacted the execution of scheduled outages, limiting the ability to perform certain inspection activities as planned.

(b)(7) A comparison of budgeted versus actual transmission and distribution operation and maintenance expenses for the year being reported on in total and detailed by the EDC's own functional account code or FERC account code as available. Explanations of any variances 10% or greater shall be included.

Budget Variance Recap – O&M Expenses
For the Twelve Months Ending December 31, 2025
Favorable/(Unfavorable)

	Total Actual	Total Budget	Variance
Customer Service	67,236,308	70,841,514	3,605,206
Human Resources	26,270,716	25,758,501	(512,215)
Operations	44,854,837	49,924,283	5,069,446
Technology	48,195,368	54,642,809	6,447,441
General Corporate*	87,783,691	65,882,711	(21,900,980)
Total	**274,340,920**	**267,049,818**	**(7,291,102)**

* Includes Finance, Office of General Counsel, and Senior Management Costs

Expense unfavorability to budget was driven largely by timing of outside service spend. Additionally contributing were increased bad debt expense primarily due to higher revenues experienced during the year and higher labor related costs.

(b)(8) A comparison of budgeted versus actual transmission and distribution capital expenditures for the year being reported on in total and detailed by the EDC's own functional account code or FERC account code as available. Explanations of any variances 10% or greater shall be included.

Budget Variance Recap – Capital
For the Twelve Months Ending December 31, 2025
Favorable/(Unfavorable)

	Total Actual	Total Budget	Variance
Customer Service	16,935,804	21,705,568	4,769,764
Human Resources	28,794,613	19,543,124	(9,251,489)
Operations	379,247,408	388,749,545	9,502,137
Technology	67,716,447	55,240,268	(12,476,179)
General Corporate*	114,129,077	89,949,210	(24,179,867)
Total	**606,823,349**	**575,187,715**	**(31,635,634)**

* Includes Finance, Office of General Counsel, and Senior Management Costs

Capital investment was $31.6 million higher than budgeted primarily due to a significant storm event in April, and additional technology investment to support and invest in the Company's technology landscape. Partially offsetting this additional investment were lower capital outlays as a result of timing of construction on other major projects.

(b)(9) Quantified transmission and distribution inspection and maintenance goals/objectives for the current calendar year detailed by system area (i.e., transmission, substation, and distribution).

2026 Transmission and Distribution Goals and Objectives

Program Project	**Unit of Measurement**	**Target for Year 2026**
Communications Goals		
Communication Battery Maintenance	Batteries	112
Overhead Distribution Goals		
Recloser Inspections	Circuits	113
Pole Inspections	Poles	19,775
OH Line Inspections	Circuits	113
OH Transformer Inspections	Circuits	113
Padmount & Below Grade Insp	Circuits	86
Overhead Transmission Goals		
Helicopter Inspections	Structures	574
Ground Inspections	Circuits	13
Substations Goals		
Circuit Breaker Maintenance	Breakers	392
Station Transformer Maintenance	Transformers	70
Station Battery Maintenance	Batteries	841
Station Relay Maintenance	Relays	1,019
Station Inspections	Sites	1,862
Underground Distribution Goals		
Manhole Inspections	Manholes	695
Major Network Insp (Prot Relay)	Network Protectors	89
Minor Network Visual Inspection (Transformer/Protector/Vault)	Network Transformers	572
Underground Transmission Goals		
Pressurization and Cathodic Protection Plant Inspection	Work Orders	528
Vegetation Management Goals		
Overhead Line Clearance	Circuit Overhead Miles	1,300

(b)(10) Budgeted transmission and distribution operation and maintenance expenses for the current year in total and detailed by EDC functional account.

	Total Budget
Customer Service	69,167,490
Human Resources	27,063,886
Operations	42,786,227
Technology	49,146,827
General Corporate*	80,343,063
Total	**268,507,493**

*Includes Finance, Office of General Counsel, and Senior Management Costs

(b)(11) Budgeted transmission and distribution capital expenditures for the current year in total and detailed by EDC functional account.

	Total Budget
Customer Service	15,940,009
Human Resources	23,319,258
Operations	374,276,769
Technology	55,856,330
General Corporate*	92,617,093
Total	**562,009,459**

*Includes Finance, Office of General Counsel, and Senior Management Costs

(b)(12) Significant changes, if any, to the transmission and distribution inspection and maintenance programs previously submitted to the Commission.

Duquesne Light has not made any significant changes to its transmission and distribution inspection and maintenance programs.

Addendum 1

Excerpt from DLC Operations Procedure: SOM-3-04

4.1. Load Shed for a Capacity and Energy Emergencies:

When a capacity and energy emergency occur and all steps within SOM-3-03 Capacity Emergency Plan have been exhausted or PJM directs a specific amount of load to be shed for the DLC area, Operating Personnel shall implement load shedding as follows:

4.1.1. As directed by PJM, promptly (within five (5) minutes of the issued Operating Instruction) shed the amount of load equal to or more than the amount requested by PJM.2 The SCADA Load Shed Restoration Tool (Priority Class) lists the appropriate order of load shedding based on priority customers (critical loads essential to the health, safety, and welfare of the community). Circuits with priority customers (critical load) are classified as PR in the Priority Class.3The SCADA Load Shed Restoration Tool also identifies the circuits with underfrequency relaying in bold to minimize the overlap of circuits that are designated for manual load shed.4 Circuits with underfrequency relaying and priority customers (critical load) should be limited for manual load shed and should be considered as a last resort.5

Note: If the SCADA Load Shed Restoration Tool is unavailable, refer to Attachment 01, Load Relief by Group.

Note: When a Load Shed Operating Instruction is issued, it is considering the point in which the Emergency begins and ends when the load shed has mitigated the Emergency. There is "zero tolerance" for failure to utilize three-part communication during an Emergency.

4.1.2. Once the appropriate amount of load is shed, report to PJM the amount of load that was shed.

4.1.3. Update Operations Management as soon as possible of the situation.

4.1.4. Coordinate with Operations Management to consider use (or continued use) of public appeals to conserve electric usage and the use of public announcements of the emergency.

4.1.5. If the emergency lasts for an extended period, it is intended that the outages will be rotated among circuits as near to an hourly schedule as possible. During the rolling blackout process, the Switching Dispatcher will ensure that, at a minimum, the original amount is maintained.

4.1.6. Notify governmental agencies, as applicable.

4.1.7. Maintain the requested amount of load relief until the load dump order is cancelled.

4.1.8. Load restoration or partial restoration will be directed by PJM following cancellation of the load shed event.

4.1.9. Shift Supervisors complete Attachment 05, Manual Load Shed Worksheet.

DLC Operating Personnel will maintain an accurate log of all operations and communications pertaining to a system emergency and file all reporting documents as detailed in the Disturbance Reporting Plan.