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August 3, 2015

L-00030161

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

RECEIVED

AUG 03 2015

PA PUBLIC UTILITY COMMISSION
SECRETARY'S BUREAU

Re: Duquesne Light Company
Quarterly Electric Reliability Report – 2Q 2015

Dear Secretary Chiavetta:

Please find enclosed for filing the Second Quarter 2015 Quarterly Electric Reliability Report of Duquesne Light Company.

Duquesne Light is submitting both a confidential version and a non-confidential version. The confidential version includes all information required by 52 Pa. Code § 57.195, is marked "confidential" and is enclosed in a sealed envelope. The non-confidential version contains all required information except that the information contained within subsection (e)(10) of the report has been redacted. Duquesne Light Company respectfully requests the confidential version of Duquesne Light Company's Electric Reliability Report not be made available to the public.

If you have any questions regarding the information contained in this filing, please contact Ribeka Garrity at 412-393-6099 or rgarrity@duqlight.com.

Sincerely,

Robert H. Hoaglund II
Assistant General Counsel, PA Regulatory

Enclosures

cc: Bureau of Technical Utility Services (Non-confidential Version)
Office of Consumer Advocate (Non-confidential Version)
Office of Small Business Advocate (Non-confidential Version)



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PA PUBLIC UTILITY COMMISSION
SECRETARY'S BUREAU

Duquesne Light Company
Second Quarter 2015
Electric Reliability Report
to the
Pennsylvania Public Utility Commission

August 3, 2015

DUQUESNE LIGHT COMPANY
Second Quarter 2015 – Electric Reliability Report

Filed August 3, 2015

57.195 Reporting Requirements

(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.

Ken Kallis – Manager, Asset Management
(412) 393-8613, kkallis@duqlight.com

Robert H. Hoaglund – Assistant General Counsel, PA Regulatory
(412) 393-1058, rhoaglund@duqlight.com

(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.

No major events occurred during the second quarter of 2015.

(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	*
2015 2Q (Rolling 12 mo)	69	0.66	105	*

* Sufficient information to calculate MAIFI is unavailable.

Formulas used in calculating the indices

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

$$\text{SAIDI} = \frac{(\text{Total KVA-minutes interrupted}) - (\text{KVA-minute impact of major events})}{\text{System Connected KVA}}$$

$$\text{CAIDI} = \text{SAIDI/SAIFI}$$

Data used in calculating the indices

Total KVA Interrupted for the Period	4,712,020 KVA
Total KVA-Minutes Interrupted:	493,236,258 KVA-Minutes
System Connected Load as of 6/30/15:	7,186,118 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, sectionalizers and line reclosers). Circuits that experience four or more lockouts for a device in each quarterly rolling twelve-month period are identified and reported. Customer surveys show a significant drop in satisfaction when customers experience four or more interruptions in a year, and that threshold was therefore used as a basis for this evaluation method.

The list is ranked first by the number of lockouts, with a secondary sort based on the date of the most recent outage. This places a higher priority on circuits in each group experiencing problems more recently. Circuits that have not seen recent outages fall to a lower priority within the group, but remain on the list for monitoring.

Circuits that appear on the list for more than a year are targeted for remediation based on a review of outage records for root cause problems, field evaluations, and engineering analysis. Project scopes developed as a result of this analysis will be incorporated into the Company's Work Plan for engineering, design and construction.

At the end of each quarter all 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's distribution system. The threshold of four lockouts may produce a result greater or less than 5% of the total circuits in Duquesne's system. Reports will be issued on all circuits that violate the four-lockout threshold, even if the total is greater than 5% of the number of circuits on the system. If there are less than 5% of the circuits that violate the four-lockout threshold, then circuits with three lockouts that had the highest KVA-Minutes of outage time during the evaluation period will be added to get the list to 5% of the total circuits in the system.

See Attachment A for table of circuit reliability values and Service Centers 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).

Second Quarter 2015 Rolling 12 Month Circuit Data

Rank	Circuit	Name	Device	Service Center	Remedial Actions Planned or Taken
1	4285	Verona	Breaker + Loss Of Supply	Penn Hills	<p>Six total outages:</p> <p>Second Quarter 2015 Outages:</p> <ul style="list-style-type: none"> • One outage was due to a tree fall-in. • Two outages were due to cable failures. <p>Previous outages:</p> <ul style="list-style-type: none"> • Three outages were due to tree fall-ins. <p>Remedial Actions:</p> <ul style="list-style-type: none"> • This circuit has been proposed for maintenance on the Vegetation Management schedule for 2016.
2	23695	Brunot Island	ER301	Preble	<p>Five total outages:</p> <p>Second Quarter 2015 Outages:</p> <ul style="list-style-type: none"> • One outage was due to a crossarm failure. • One outage was due to a tree fall-in. <p>Previous Outages:</p> <ul style="list-style-type: none"> • One outage was due to an equipment failure. • Two outages were due to tree fall-ins. <p>Remedial Actions:</p> <ul style="list-style-type: none"> • Hazard tree mitigation is to be performed in 2015.

Rank	Circuit	Name	Device	Service Center	Remedial Actions Planned or Taken
3	4283	Oakmont	Breaker + Loss Of Supply	Penn Hills	<p>Five total outages:</p> <p>Second Quarter 2015 Outages:</p> <ul style="list-style-type: none"> • Two outages were due to cable failures. <p>Previous outages:</p> <ul style="list-style-type: none"> • Three outages were due to tree fall-ins. <p>Remedial Actions:</p> <ul style="list-style-type: none"> • This circuit has been proposed for maintenance on the Vegetation Management schedule for 2016.
4	4420	Mt. Pleasant	Breaker	Preble	<p>Five total outages:</p> <p>Second Quarter 2015 Outages:</p> <ul style="list-style-type: none"> • Two outages were due to tree fall-ins. • One outage was due to a storm. <p>Previous outages:</p> <ul style="list-style-type: none"> • One outage was due to a storm. • One outage was due to a tree fall-in. <p>Remedial Actions:</p> <ul style="list-style-type: none"> • The Company will continue to monitor this circuit for reliability issues.
5	23661	Crescent	R100 - Pole#3412	Raccoon	<p>Four total outages:</p> <p>Second Quarter 2015 Outages:</p> <ul style="list-style-type: none"> • One outage was due to a tree fall-in. <p>Previous outages:</p> <ul style="list-style-type: none"> • Three outages were due to tree fall-ins. <p>Remedial Actions:</p> <ul style="list-style-type: none"> • Vegetation Management is currently performing scheduled maintenance on this circuit. The Company will continue to monitor this circuit for reliability issues.

Rank	Circuit	Name	Device	Service Center	Remedial Actions Planned or Taken
6	23711	Pine Creek	Breaker	Edison	<p>Four total outages:</p> <p>Second Quarter 2015 Outages:</p> <ul style="list-style-type: none"> • Two outages were due to tree fall-ins. <p>Previous outages:</p> <ul style="list-style-type: none"> • One outage was due to a tree fall-in. • One outage was due to an equipment failure. <p>Remedial Actions:</p> <ul style="list-style-type: none"> • This circuit has been proposed for maintenance on the Vegetation Management schedule for 2016.
7	23770	Traverse Run	WR505	Raccoon	<p>Four total outages:</p> <p>Second Quarter 2015 Outages:</p> <ul style="list-style-type: none"> • Two outages were due to equipment failure. <p>Previous outages:</p> <ul style="list-style-type: none"> • One outage was due to operating performance by company personnel. • One outage was due to an equipment failure. <p>Remedial Actions:</p> <ul style="list-style-type: none"> • This circuit has been proposed for maintenance on the Vegetation Management schedule for 2016.

Rank	Circuit	Name	Device	Service Center	Remedial Actions Planned or Taken
8	4548	Connor	Breaker + Loss Of Supply	Preble	<p>Four total outages:</p> <p>Second Quarter 2015 Outages:</p> <ul style="list-style-type: none"> • One outage was due to an equipment failure. <p>Previous outages:</p> <ul style="list-style-type: none"> • One outage was due to a tree fall-in. • One outage was due to equipment failures. • One outage was due to high wind. <p>Remedial Actions:</p> <ul style="list-style-type: none"> • The Company will install an IntelliRupter in 2015 on the overhead conductor side of the sub-transmission circuit feeding the substation to provide Auto Fault-Clearing functionality which will improve fault protection and reduce coordination problems in the future.
9	4216	Allison Park	Breaker	Edison	<p>Three total outages:</p> <p>Second Quarter 2015 Outages:</p> <ul style="list-style-type: none"> • One outage was due to an equipment failure. • One outage was due to a tree fall-in. • One outage was due to operating performance by company personnel. <p>Remedial Actions:</p> <ul style="list-style-type: none"> • The Company is in the process of installing an IntelliRupter on the overhead conductor side of the distribution circuit and installing stepdown transformers to pick up this circuit as part of 23KV distribution circuit and eliminating the 4KV substation circuit. • This circuit has been proposed for maintenance on the Vegetation Management schedule for 2016.

Rank	Circuit	Name	Device	Service Center	Remedial Actions Planned or Taken
10	23733	Universal	R100 - Pole#9742	Penn Hills	<p>Three total outages:</p> <p>Second Quarter 2015 Outages:</p> <ul style="list-style-type: none"> Two outages were due to tree fall-ins. <p>Previous Outages:</p> <ul style="list-style-type: none"> One outage was due to a tree fall-in. <p>Remedial Actions:</p> <ul style="list-style-type: none"> The Company will continue to monitor this circuit for reliability issues.
11	23684	Woodville	ER806	Preble	<p>Three total outages:</p> <p>Second Quarter 2015 Outages:</p> <ul style="list-style-type: none"> One outage was due to an insulator failure. <p>Previous Outages:</p> <ul style="list-style-type: none"> Two outages were due to tree fall-ins. <p>Remedial Actions:</p> <ul style="list-style-type: none"> This circuit has been proposed for maintenance on the Vegetation Management schedule for 2016.
12	23782	Valley	Breaker	Raccoon	<p>Three total outages:</p> <p>Second Quarter 2015 Outages:</p> <ul style="list-style-type: none"> One outage was due to a storm. One outage was due to an unknown cause. <p>Previous Outages:</p> <ul style="list-style-type: none"> One outage was due to an insulator failure. <p>Remedial Actions:</p> <ul style="list-style-type: none"> Company's Asset management is looking investigating whether or not to convert this circuit to pulse-reclosing which will improve fault protection and reduce coordination problems in the future.

Rank	Circuit	Name	Device	Service Center	Remedial Actions Planned or Taken
13	23763	Wilmerding	ER106	Penn Hills	<p>Three total outages:</p> <p>Second Quarter 2015 Outages:</p> <ul style="list-style-type: none"> One outage was due to a tree fall-in. <p>Previous Outages:</p> <ul style="list-style-type: none"> Two outages were due to tree fall-ins. <p>Remedial Actions:</p> <ul style="list-style-type: none"> The Company will continue to monitor this circuit for reliability issues.
14	23710	Pine Creek	WA913	Edison	<p>Three total outages:</p> <p>Second Quarter 2015 Outages:</p> <ul style="list-style-type: none"> One outage was due to a tree fall-in. <p>Previous Outages:</p> <ul style="list-style-type: none"> One outage was due to a transformer failure. One outage was due to a storm. <p>Remedial Actions:</p> <ul style="list-style-type: none"> The Company's Asset Management department continues to monitor and evaluate various redesign options to improve customer reliability.
15	4676	Brierly	Breaker + Loss Of Supply	McKeesport	<p>Three total outages:</p> <p>Second Quarter 2015 Outages:</p> <ul style="list-style-type: none"> One outage was due to a tree fall-in. <p>Previous Outages:</p> <ul style="list-style-type: none"> One outage was due to an equipment failure. One outage was due to a loss of supply. <p>Remedial Actions:</p> <ul style="list-style-type: none"> The Company will continue to monitor this circuit for reliability issues.

Rank	Circuit	Name	Device	Service Center	Remedial Actions Planned or Taken
16	23882	Rankin	EA52	Penn Hills	<p>Three total outages:</p> <p>Second Quarter 2015 Outages:</p> <ul style="list-style-type: none"> • One outage was due to a storm. <p>Previous Outages:</p> <ul style="list-style-type: none"> • One outage was due to a tree fall-in. • One outage occurred when wires wrapped together causing the circuit to short. <p>Remedial Actions:</p> <ul style="list-style-type: none"> • The Company will continue to monitor this circuit for reliability issues.
17	23646	Wolfe Run	WR135	Raccoon	<p>Three total outages:</p> <p>Second Quarter 2015 Outages:</p> <ul style="list-style-type: none"> • No new outages. <p>Previous Outages:</p> <ul style="list-style-type: none"> • There were three previous outages that were caused by tree fall-ins or tree related problems. <p>Remedial Actions:</p> <ul style="list-style-type: none"> • The Company will continue to monitor this circuit for reliability issues.

Rank	Circuit	Name	Device	Service Center	Remedial Actions Planned or Taken
18	4308	East End	Breaker	Penn Hills	<p>Two total outages:</p> <p>Second Quarter 2015 Outages:</p> <ul style="list-style-type: none"> No new outages. <p>Previous Outages:</p> <ul style="list-style-type: none"> Two outages were due to cable failures. <p>Remedial Actions:</p> <ul style="list-style-type: none"> As this circuit is underground, even with the newly installed tie at the end of the circuit, there remains limited flexibility with how customer load blocks can be switched around when rerouting power. The Company will investigate installing sectionalizing underground switches to provide the capability to reroute more customers from the new tie at the end of the circuit.
19	4478	Hiawatha	Breaker + Loss Of Supply	Preble	<p>Two total outages:</p> <p>Second Quarter 2015 Outages:</p> <ul style="list-style-type: none"> No new outages. <p>Previous Outages:</p> <ul style="list-style-type: none"> One outage was due to operating performance by company personnel. One outage was due to a loss of supply. <p>Remedial Actions:</p> <ul style="list-style-type: none"> The Company is in the process of installing an IntelliRupter on the overhead conductor side of the sub-transmission circuit feeding the substation to provide Auto Fault-Clearing functionality. This will lessen the impact of tree problems in this heavily wooded section of the circuit from causing outages to customers. The installation will complete by the end of 2015.

Rank	Circuit	Name	Device	Service Center	Remedial Actions Planned or Taken
20	23890	Carrick	Breaker	Preble	<p>Two total outages:</p> <p>Second Quarter 2015 Outages:</p> <ul style="list-style-type: none"> • No new outages. <p>Previous Outages:</p> <ul style="list-style-type: none"> • One outage was due to a tree fall-in. • One outage was due to an equipment failure. <p>Remedial Actions:</p> <ul style="list-style-type: none"> • The Company installed a new IntelliRupter and replaced an IntelliRupter in June of 2015, and relocated another IntelliRupter in July of 2015 on each end the feeder where it passes through this area so any future problem can be isolated without causing outages to customers.
21	23701	North	Breaker	Edison	<p>Two total outages:</p> <p>Second Quarter 2015 Outages:</p> <ul style="list-style-type: none"> • No new outages. <p>Previous Outages:</p> <ul style="list-style-type: none"> • One outage was due to a loss of supply. • One outage was due to an equipment failure. <p>Remedial Actions:</p> <ul style="list-style-type: none"> • The Company recently installed a new IntelliRupter and converted this circuit to pulse-reclosing operation in the second quarter 2015 which will improve fault protection and reduce coordination problems in the future.

(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.

July 1, 2014 through June 30, 2015 – No PUC Major Event Exclusions

CAUSE	NO. OF OUTAGES	OUTAGE PERCENTAGE	KVA TOTAL	KVA PERCENTAGE	KVA-MINUTE TOTAL	KVA-MINUTE PERCENTAGE
Storms	333	12%	691,030	15%	91,011,090	18%
Trees (Contact)	41	1%	32,176	1%	2,569,773	1%
Trees (Falling)	687	25%	1,050,728	22%	156,662,810	32%
Equipment Failures	812	30%	1,640,562	35%	148,673,616	30%
Overloads	110	4%	82,809	2%	7,787,243	2%
Vehicles	135	5%	252,003	5%	31,341,073	6%
Other	629	23%	962,712	20%	55,190,653	11%
TOTALS	2,747	100%	4,712,020	100%	493,236,258	100%

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

2015 Transmission and Distribution Goals and Objectives						
Program Project	Unit of Measurement	Target for 2015 2Q	Actual for 2015 2Q	Percent Complete	Targets for Year 2015	Actual YTD for 2015
Communications Goals						
Communication Battery Maintenance	Batteries	24	24	100%	96	48
Overhead Distribution Goals						
Recloser Inspections	Circuits	33	32	97%	130	60
Pole Inspections	Poles	6,735	5,770	86%	17,945	5,780
OH Line Inspections	Circuits	33	32	97%	130	60
OH Transformer Inspections	Circuits	33	32	97%	130	60
Padmount & Below Grade Insp	Circuits	21	6	29%	81	56
Overhead Transmission Goals						
Helicopter Inspections	Number of Structures	0	0	N/A	500	0
Ground Inspections	Number of Structures	350	358	102%	350	358
Substations Goals						
Circuit Breaker Maintenance	Breakers	190	196	103%	725	332
Station Transformer Maintenance	Transformers	39	18	46%	67	26
Station Battery Maintenance	Batteries	242	246	102%	968	486
Station Relay Maintenance	Relays	180	197	109%	615	252
Station Inspections	Sites	516	515	100%	2,067	1,034
Underground Distribution Goals						
Manhole Inspections	Manholes	275	304	111%	700	350
Major Network Insp (Prot Relay)	Network Protectors	25	20	80%	92	36
Minor Network Visual Inspection (Transformer/Protector/Vault)	Network Transformers	165	218	132%	573	418
Underground Transmission Goals						
Pressurization and Cathodic Protection Plant Inspection	Work Packages	13	13	100%	52	26
Vegetation Management Goals						
Overhead Line Clearance	Circuit Overhead Miles	310	338	109%	1,300	817
Total Units		9,184	8,329	91%	26,521	10,199

(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.

**For the Three Months Ended June 30, 2015 (Quarter-to-date)
Favorable/ (Unfavorable)**

	Customer Care	External Affairs	Human Resources	Operations/ Operations Services	Technology	General Corporate*	Total
Total Actual	12,950,932	779,751	3,242,469	17,227,500	13,709,346	12,237,699	60,147,697
Total Budget	12,603,260	997,317	3,705,295	17,782,598	11,132,660	12,099,856	58,320,986
Variance	(347,672)	217,566	462,826	555,097	(2,576,686)	(137,843)	(1,826,712)

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

**For the Six Months Ended June 30, 2015 (Year-to-date)
Favorable/ (Unfavorable)**

	Customer Care	External Affairs	Human Resources	Operations/ Operations Services	Technology	General Corporate*	Total
Total Actual	25,912,108	1,856,567	7,054,350	34,171,646	29,856,794	24,848,268	123,699,734
Total Budget	25,736,887	1,989,151	7,356,681	34,840,222	22,390,222	23,610,343	115,923,507
Variance	(175,221)	132,584	302,331	668,576	(7,466,573)	(1,237,925)	(7,776,227)

*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.

**For the Three Months Ended June 30, 2015 (Quarter-to-date)
Favorable/ (Unfavorable)**

	Customer Care	External Affairs	Human Resources	Operations/ Operations Services	Technology	General Corporate*	Total
Total Actual	755,896	528	2,305,605	30,936,378	20,859,880	7,820,619	62,678,906
Total Budget	939,920	0	3,278,156	37,042,252	17,202,369	7,613,976	66,076,673
Variance	184,024	(528)	972,551	6,105,874	(3,657,511)	(206,643)	3,397,767

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

**For the Six Months Ended June 30, 2015 (Year-to-date)
Favorable/ (Unfavorable)**

	Customer Care	External Affairs	Human Resources	Operations/ Operations Services	Technology	General Corporate*	Total
Total Actual	1,472,280	2,733	4,775,283	50,463,606	35,403,244	14,783,603	106,900,749
Total Budget	1,898,721	0	5,850,489	72,067,983	34,404,738	15,225,457	129,447,388
Variance	426,441	(2,733)	1,075,206	21,604,377	(998,506)	441,854	22,546,639

(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).

Telecommunications	Electronic Technician	6
	Sr. Electronic Technician	10
	Apprentice Splicer/Trouble Technician	3
	Telecom Splicer/Trouble	3
	Total	22
Substation	Electrical Equipment Technician	14
	Protection & Control Technician	23
	Sr. Elec. Equipment Technician	10
	Rigger Specialist	3
	Rigger Crew Leader	2
	Shop Mechanic 2 Rigger	0
	Yard Group Leader	3
Total	55	
Underground (UG)	Apprentice UG Splicer	16
	UG Inspector	10
	Journey UG Splicer	16
	Sr. UG Splicer	5
	UG Cable Tester/Installer	1
	Sr. UG Mechanic	0
	Network Operator	11
Total	59	
Overhead	Apprentice T&D	64
	Equipment Attendant	1
	Equipment Material Handler	6
	Field Inspector	0
	Journey Lineworker	80
	Restricted HS Lineworker	17
	Service Crew Leader	5
	Sr. Lineworker	47
	Distribution Technician	9
	Total	229
Street Light Changers	Total	6
Mobile Worker	Total	3

(e)(9) (Continued)

Engineering	Drafter	0
	General Clerk	14
	General Technician	0
	GIS Technician	5
	Head File Record Clerk	1
	Survey Instrument	3
	Right of Way Agent A	4
	Sr. Technician	10
	T&D Mobile Worker	7
	Technician A	3
	Technician B	4
	Technician C	6
	Test Technician, Mobile	3
	Total	60
Service Center Technician	Sr. Technician	7
	Technician	0
	Total	7
Traveling Operator/Troubleshooter	Senior Operator	27
	Traveling Operator	3
	Troubleshooter 1/C	6
	Troubleshooter	9
	Total	45
Load Dispatcher	Total	12
Meter Technician	Meter Technician	8
	Sr. Meter Technician	21
	Total	29
Meter Reader	Total	14
Customer Service Representatives	Autodialing Operator	8
	Customer Service Representative	108
	Customer Service Representative Part-time	15
	Word Processing Clerk	1
	Sr. Customer Service Representative	5
	Total	137
	Admin/Supervisory/Management	Total
TOTAL		1,101

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

(Confidential information highlighted)

2nd Quarter 2015

Contractor Dollars:

Contractor Hours:

YTD 2015

Contractor Dollars:

Contractor Hours:

(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.

Call-Out Acceptance Rate – 2nd Quarter 2015

Month	Accepts	Refusals	Total	Percentage
April	246	303	549	45%
May	277	429	706	39%
June	512	588	1,100	47%

Amount of Time it Takes to Obtain the Necessary Personnel – 2nd Quarter 2015

Month	Total Callout Events	Necessary Personnel Accepting	Average Minutes: Seconds per Callout Event	Average Minutes: Seconds per Individual called
April	78	248	4:43	1:17
May	91	277	5:21	1:19
June	152	512	4:27	1:19
2Q 2015	321	1,037	4:46	1:18
2015 YTD	562	1,689	4:19	1:18

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.

Circuit	Name	Service Ctr	Device	Lockouts	Connected KVA	Last Outage	Total KVA-Minutes	Total KVA Interrupted	SAIDI	SAIFI	CAIDI
4285	Verona	Penn Hills	BKR + Loss Of Supply	6	2,746	05/12/15	830,673	17,088	303	6.22	49
23695	Brunot Island	Preble	ER301	5	23,890	06/27/15	6,251,158	65,148	262	2.73	96
4283	Oakmont	Penn Hills	BKR + Loss Of Supply	5	2,679	04/25/15	479,541	13,395	179	5.00	36
4420	Mt. Pleasant	Preble	BKR	5	2,261	6/8/2015	2,347,209	13,934	1,038	6.16	168
23661	Crescent	Raccoon	R100	4	27,415	06/28/15	3,058,635	22,221	112	0.81	138
23711	Pine Creek	Edison	BKR	4	34,935	06/27/15	5,402,920	68,271	155	1.95	79
23770	Traverse Run	Raccoon	WR505	4	19,469	06/12/15	3,535,160	31,860	182	1.64	111
4548	Connor	Preble	BKR + Loss Of Supply	4	2,437	06/10/15	1,413,923	12,275	580	5.04	115
4216	Allison Park	Edison	BKR	3	2,450	06/27/15	5,127,477	20,481	2,093	8.36	250
23733	Universal	Penn Hills	R100	3	30,158	06/27/15	2,949,529	31,798	98	1.05	93
23684	Woodville	Preble	ER806	3	24,417	06/16/15	1,558,899	16,996	64	0.70	92
23782	Valley	Raccoon	BKR	3	37,618	06/15/15	2,679,665	77,071	71	2.05	35
23763	Wilmerding	Penn Hills	ER106	3	22,222	05/19/15	4,773,343	34,862	215	1.57	137
23710	Pine Creek	Edison	WA913	3	32,810	05/11/15	6,564,367	42,659	200	1.30	154
4676	Brierly	McKeesport	BKR + Loss Of Supply	3	3,667	05/11/15	986,056	11,051	269	3.01	89
23882	Rankin	Penn Hills	EA52	3	16,932	04/09/15	5,204,703	36,732	307	2.17	142
23646	Wolfe Run	Raccoon	WR135	3	30,256	11/24/14	3,487,742	26,644	115	0.88	131
4308	East End	Penn Hills	BKR	2	2,236	03/20/15	1,375,069	5,649	615	2.53	243
4478	Hiawatha	Preble	BKR + Loss Of Supply	2	5,684	03/18/15	378,296	524	67	0.09	722
23890	Carrick	Preble	BKR	2	24,616	02/02/15	1,699,976	9,986	69	0.41	170
23701	North	Edison	BKR	2	16,740	11/21/14	3,219,133	61,374	192	3.67	52

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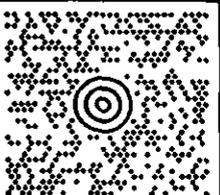
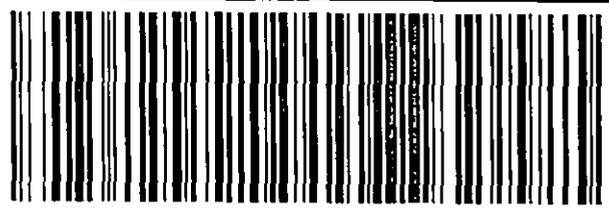
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