

L-00030161



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October 31, 2014

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NOV - 2 2014

PA PUBLIC UTILITY COMMISSION
SECRETARY'S BUREAU

Ms. Rosemary Chiavetta, Secretary
Pennsylvania Public Utility Commission
P. O. Box 3265
Harrisburg, Pennsylvania 17105-3265

Re: Duquesne Light Company
3rd Quarter 2014 Electric Reliability Report

Dear Secretary Chiavetta:

Please find enclosed for filing the Third Quarter of 2014 Annual Electric Reliability Report of Duquesne Light Company in accordance with the Commission's Order at L-00030161, entered March 20, 2006. Duquesne is submitting both a public version [all information except subsection (e)(10)] and a confidential version. The confidential version includes all of the information required by 52 Pa. Code § 57.195, is marked "confidential and proprietary" and is enclosed in a sealed envelope.

Duquesne respectfully requests the "confidential and proprietary" version 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,

David B. Bordo
Vice President, Strategy & External Affairs

Enclosures

cc: (Public Version):
Bureau of Technical Utility Services
Office of Consumer Advocate
Office of Small Business Advocate



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PA PUBLIC UTILITY COMMISSION
SECRETARY'S BUREAU

Duquesne Light Company
3rd Quarter 2014
Electric Reliability Report
to the
Pennsylvania Public Utility Commission

October 31, 2014

DUQUESNE LIGHT COMPANY
Third Quarter 2014 – Electric Reliability Report

Filed October 31, 2014

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

- (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 in the third quarter of 2014.

- (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 | * |
| 2014 3Q (Rolling 12 mo) | 57 | 0.57 | 100 | * |

* 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 | 4,132,867 | KVA |
| Total KVA-Minutes Interrupted: | 411,833,963 | KVA-Minutes |
| System Connected Load as of 9/30/14: | 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).

Third Quarter 2014 Rolling 12 Month Circuit Data

| Rank | Circuit | Name | Service Center | Remedial Actions Planned or Taken |
|------|---------|---------------|----------------|---|
| 1 | 23695 | Brunot Island | Preble | Brunot Island Circuit D23695 has historically had very good reliability. However, EA301 has had five lockouts in 2014, with three in the third quarter which affected about 23% of the customers on the circuit. The most recent outage occurred at the end of August when a pothead failed on a terminal pole. The other two outages this quarter were tree-related, one in August and the other in July when a tree that was outside the Right-of-Way fell into the 3-phase feeder. The other two outages that occurred earlier this year also involved trees. The Company converted this circuit to pulse-reclosing operation on September 3, 2014. This is expected to improve fault protection, reduce breaker lockouts and improve overall reliability on this circuit. Vegetation Management has included this circuit as a part of its 2014 scheduled maintenance program with the expectation that maintenance will be completed by the end of the fourth quarter. |
| 2 | 4237 | West End | Preble | No new outages occurred on West End Circuit 4237 during the third quarter of 2014. A Service Center Supervisor reviewed this entire circuit during the third Quarter and all problems found were corrected. This circuit was also part of Vegetation Management's 2014 scheduled maintenance program which was completed on June 25, 2014. No underlying reliability issues are affecting West End Circuit 4237 but the Company will continue to monitor its performance to verify that reliability has improved. |
| 3 | 23681 | Woodville | Preble | No new device outages occurred on Woodville Circuit D23681 during the third quarter of 2014. All four previous outages that occurred in the first and second quarters of 2014 were caused by trees falling into the feeder. Vegetation Management has re-inspected the area of this circuit where these outages occurred and corrected all vegetation problems found during the third quarter. The Company also investigated the coordination between ER198 and EA259 and will be implementing pulse-reclosing operation on this part of the Woodville circuit during the fourth quarter of 2014 to improve fault protection and reduce potential coordination issues in the future. |
| 4 | 23871 | Mt. Nebo | Raccoon | No new device outages occurred on WA853 during the third quarter of 2014 and reliability is improving. The most recent outage occurred in June when a tree fell across the feeder. This circuit runs through heavily wooded and hilly areas that require close monitoring. In an effort to reduce tree-related outages, Vegetation Management has mitigated identified hazard trees on this circuit during the third quarter of 2014. Customers have already seen an improvement in reliability this quarter and the Company will continue to monitor this circuit closely to verify that improvement continues. |

| Rank | Circuit | Name | Service Center | Remedial Actions Planned or Taken |
|------|---------|------------|----------------|---|
| 5 | 4622 | Ardmore | Penn Hills | No new breaker or Loss of Supply outages occurred on Ardmore Circuit 4622 during the third quarter of 2014 and reliability is improving. During third quarter, the Company added auto-fault clearing functionality to the sub-transmission circuit feeding Ardmore to prevent Loss of Supply outages. Customers are already seeing an improvement in reliability. The Company will continue to monitor this circuit closely to verify that this improvement continues. The Asset Management Department will continue to evaluate various redesigns or rebuild options for Ardmore Substation itself to enhance customer reliability. |
| 6 | 23716 | Pine Creek | Edison | No new breaker outages occurred on Pine Creek D23716 during the third quarter of 2014. The most recent two outages occurred in June. No underlying reliability issues need to be addressed at this time and overall circuit reliability is improving. The Company is currently in the process of converting this circuit and two other Pine Creek circuits to pulse-reclosing operation. This is expected to improve fault protection, reduce breaker lockouts and improve overall reliability on this circuit. This work was initially planned to be complete during the third quarter, but was rescheduled and is now on track to be completed in the fourth quarter of 2014. |
| 7 | 4308 | East End | Penn Hills | One breaker outage occurred on East End Circuit 4308 during the third quarter in July due to a cable failure. During the second quarter, two outages occurred in June, one due to a storm and another due to protective equipment mis-operation. An earlier outage that occurred in February was also due to a cable failure. During the second quarter, the Company installed a normally open tie at the end of this circuit so that when breaker lockouts or other outages occur, the problem can be isolated to a relatively small area and customers restored from the far end. This has helped to reduce outage duration for customers on this circuit. The Company will continue to monitor this circuit during the fourth quarter to verify that its performance continues to improve. |
| 8 | 4264 | Grant | Preble | Grant Circuit 4264 has experienced four Substation Breaker Lockouts in 2014. The latest outage was in August when a contractor dug into the feeder cable during excavation, causing the breaker to lockout. During the first quarter of 2014, three outages occurred. The first breaker outage occurred in February, but no cause was found. Four days later there was a cable failure causing the second outage. The third outage occurred in March and was due to another cable failure in the same area. During the second quarter, the portion of the circuit with the cable reliability problems was eliminated by permanently rerouting the circuit around it. Since then reliability has been excellent except for the contractor dig in. No additional reliability problems are expected. |
| 9 | 23713 | Pine Creek | Edison | No new breaker outages occurred on Pine Creek Circuit 23713 during the third quarter of 2014 and the circuit's reliability is improving. Customers are already seeing an improvement during the third quarter. This Pine Creek circuit is targeted for conversion to pulse-reclosing operation in the fourth quarter 2014 which should continue to improve reliability. |

| Rank | Circuit | Name | Service Center | Remedial Actions Planned or Taken |
|------|---------|---------------------|----------------|---|
| 10 | 23698 | Brunot Island | Preble | <i>Brunot Island Circuit customers beyond WA209 have experienced three outages over the last year. The most recent was in May during a storm that downed a tree and caused WA209 to lockout. The other two outages occurred last year, one due to a cable failure and the other due to high winds blowing conductors together. This circuit has had a good reliability history and 60% of the customers on the circuit never saw the recent outages on WA209 because they are upstream of this device. There are no outstanding problems on this circuit at the present time but the Company will continue to monitor its performance closely during the fourth quarter. Vegetation Management included this circuit as a part of its 2014 scheduled maintenance program and was completed in the second quarter of 2014.</i> |
| 11 | 23661 | Crescent | Raccoon | <i>No new breaker outages occurred on Crescent Circuit D23661 during the third quarter of 2014. All three previous outages were tree-related with the most recent occurring in June. Vegetation Management has re-inspected this portion of the circuit between the substation and the first downstream feeder protection device, ER603, and corrected all tree-related issues. Additionally, Vegetation Management will be working this circuit as part of its scheduled maintenance program which is expected to be complete by the end of the first quarter of 2015.</i> |
| 12 | 22869 | Midland-Cooks Ferry | Raccoon | <i>No new WR875 device outages occurred on Midland-Cooks Ferry Circuit T22869 during the third quarter of 2014. Midland-Cooks Ferry experienced one lockout of device WR875 during the second quarter of 2014 in May when a storm blew a large tree across all 3 phases of the feeder. This device has also locked out two other times over the past year. In February of 2014, WR875 locked out when a downstream tie device (WR508) failed causing a primary fault. Another lockout occurred in March of 2014 when a dead pine tree fell across all 3 phases of the feeder locking out WR875. Auto-fault clearing functionality was added to the sub-transmission portion of this circuit early in the second quarter when four new advanced circuit reclosers were installed. This has eliminated Loss-of-Supply outages to the distribution portion of this circuit that has caused numerous outages in the past.</i> |
| 13 | 23921 | Logans Ferry | Penn Hills | <i>No new device outages occurred on EA625 during the third quarter of 2014. Logans Ferry circuit D23921 has historically experienced good reliability but had a rash of unfortunate events that caused customers downstream of device EA625 to experience three outages over the past year. The most recent outage was in April when a backhoe snagged a Verizon cable pulling down several power poles causing an outage. The other two outages occurred in 2013, one due to high winds blowing wires together and the other due to an anchor being pulled out of the ground allowing the pole to lean into the trees. The Company will continue to closely monitor this circuit next quarter to ensure that it returns to its historically good reliability.</i> |
| 14 | 23710 | Pine Creek | Edison | <i>Pine Creek Circuit 23710 customers downstream of device WA383 have experienced three outages over the past year. The two most recent outages occurred during the third quarter of 2014. One was due to balloons getting caught in the primary conductors and the most recent was due to a broken pole. A third outage occurred in 2013 due to another incident involving balloons getting tangled in the primary conductors. This circuit historically has not exhibited any reliability issues and the Company will continue to monitor its performance next quarter to verify that its reliability has improved. The Company is currently in the process of converting this circuit to pulse-reclosing operation. This is expected to improve fault protection, reduce breaker lockouts and improve overall reliability on this circuit. This work will be completed in the fourth quarter of 2014.</i> |

| Rank | Circuit | Name | Service Center | Remedial Actions Planned or Taken |
|------|---------|--------------|----------------|--|
| 15 | 23705 | North | Edison | No new breaker outages occurred on North D23705 during the 3rd quarter of 2014. The Company has closely monitored the reliability of this circuit and it has been improving. Three substation breaker outages occurred during the last four quarters, with only one in 2014. All three outages were tree-related. The Company added pulse-reclosing protection to a portion of this circuit during the second quarter. Reliability is expected to continue to improve because it places less stress on the circuit during fault operations, meaning that there is less damage that can lead to future outages. The reliability on this North Circuit is expected to improve enough during the next quarter to fall off the Worst Performing Circuit List. |
| 16 | 23770 | Traverse Run | Raccoon | No new breaker outages occurred on Traverse Run Circuit D23770 during the third quarter of 2014. Some customers did experience outages throughout 2014 in the months of June, May and February. The most recent outage in June was due to a storm that locked out the substation breaker. The outage in May was due to a tree falling into the primary feeder and the outage in February was due to substation equipment failure. This circuit has experienced good overall reliability recently during the third quarter despite its rural and heavily treed location. The Company will continue to monitor this circuit during the fourth quarter to ensure that reliability improves. |
| 17 | 4852 | Conway | Raccoon | Conway Circuit 4852 has had three breaker outages that occurred this year but none during the third quarter. The most recent outage was caused by a storm in June when all 3 primary phases of the feeder wrapped together and locked out the substation breaker. A cable failure in May on sub-transmission Circuit 22866 caused a Loss of Supply outage to Conway. The third outage occurred in April when a tree fell into the feeder breaking off the top of a pole which locked out the station breaker. Reliability on this Conway circuit has started to improve. A supervisor will review this circuit during the fourth quarter of 2014 and attempt to identify and repair any additional problems that could result in future outages. Also, this circuit is part of Vegetation Management has included this circuit as a part of its 2014 scheduled maintenance program with the expectation that maintenance will be completed by the end of the fourth quarter. |
| 18 | 23640 | Midland | Raccoon | No lockouts/outages occurred on WR595 during the third quarter of 2014 however two lockouts occurred during the second quarter. The most recent outage was in June when a tree fell into the feeder locking out WR595. The second outage occurred in April when tree fall-ins occurred at two different locations locking out both the substation Breaker and WR595. Vegetation Management inspected the areas where the tree outages occurred and found no underlying problems that needed addressed. Engineering also inspected the feeder between Midland Substation and WR595 during the second quarter to identify and correct any hot spots or other problems that might lead to future outages. At the end of 2013, this circuit was converted to pulse-reclosing operation. Customers on the Midland circuit are now seeing an improvement in reliability as reliability indices for the third quarter show. |

| Rank | Circuit | Name | Service Center | Remedial Actions Planned or Taken |
|------|---------|-------------|----------------|--|
| 19 | 4154 | Long | Penn Hills | Reliability has improved significantly on the two Long circuits since the Company installed advanced circuit reclosers on the sub-transmission circuit feeding Long Substation in March of 2014. Only one 11-minute Loss of Supply outage has occurred on these circuits since then when a widespread sub-transmission outage affected the Universal-Wilkinsburg area during a storm in May. These advanced circuit reclosers automatically isolate a fault on the sub-transmission circuit to one side of the substation and keep the Long circuits powered from the other side. Even during a major outage like the one that occurred in May, operators were able to remotely restore power to Long Substation within minutes rather than hours. Due to the installation of the advanced circuit reclosers, reliability was expected to improve significantly and it has. During the first two quarters of 2014, the number of customer outages on these circuits have dropped by nearly 50% compared to the same quarters in 2013. The number of customer outages continued to drop in the third quarter of 2014 as evident by the SAIDI, SAIFI and CAIDI numbers listed in Appendix A. |
| 20 | 4155 | Long | Penn Hills | |
| 21 | 23950 | Wilkinsburg | Penn Hills | No new breaker outages occurred on Wilkinsburg Circuit D23950 during the third quarter of 2014. This circuit experienced two lockouts during the second quarter. The most recent outage in June was due to a lightning strike that burnt down 'B' phase primary conductor and locked out the breaker. An earlier outage in May was due to loss of supply when the sub-transmission network experienced an outage during a storm. Remedial action work has recently been completed at Ardmore substation and reliability improvement work was completed for Long, Eastwood, and Sandy Creek Substations earlier in 2014. Upgrades to these substations have improved reliability at Wilkinsburg as these substations are all interconnected through the sub-transmission network. |

- (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.

October 1, 2013 through September 30, 2014 – No PUC Major Event Exclusions

| CAUSE | NO. OF OUTAGES | OUTAGE PERCENTAGE | KVA TOTAL | KVA PERCENTAGE | KVA-MINUTE TOTAL | KVA-MINUTE PERCENTAGE |
|--------------------|----------------|-------------------|------------------|----------------|--------------------|-----------------------|
| Storms | 347 | 13% | 484,812 | 12% | 60,084,714 | 15% |
| Trees (Contact) | 27 | 1% | 21,456 | 1% | 1,254,606 | 1% |
| Trees (Falling) | 658 | 25% | 1,020,232 | 25% | 136,138,554 | 33% |
| Equipment Failures | 799 | 31% | 1,429,986 | 35% | 132,517,882 | 32% |
| Overloads | 122 | 5% | 138,061 | 3% | 9,112,416 | 2% |
| Vehicles | 142 | 6% | 299,823 | 7% | 31,850,802 | 8% |
| Other | 501 | 19% | 738,497 | 17% | 40,874,989 | 9% |
| TOTALS | 2,596 | 100% | 4,132,867 | 100% | 411,833,963 | 100% |

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

| 2014 Transmission and Distribution Goals and Objectives | | | | | | |
|---|------------------------|--------------------|--------------------|------------------|-----------------------|---------------------|
| Program Project | Unit of Measurement | Target for 2014 3Q | Actual for 2014 3Q | Percent Complete | Targets for Year 2014 | Actual YTD for 2014 |
| Communications Goals | | | | | | |
| Communication Battery Maintenance | Batteries | 24 | 26 | 108% | 96 | 78 |
| Overhead Distribution Goals | | | | | | |
| Recloser Inspections | Circuits | 33 | 46 | 139% | 133 | 127 |
| Pole Inspections | Poles | 6,633 | 8944 | 135% | 17,690 | 12,205 |
| OH Line Inspections | Circuits | 33 | 46 | 139% | 133 | 127 |
| OH Transformer Inspections | Circuits | 33 | 46 | 139% | 133 | 127 |
| Padmount & Below Grade Inspections | Circuits | 21 | 3 | 14% | 83 | 41 |
| Overhead Transmission Goals | | | | | | |
| Helicopter Inspections | Number of Structures | 0 | 0 | N/A | 500 | 570 |
| Ground Inspections | Number of Structures | 0 | 0 | N/A | 350 | 162 |
| Substations Goals | | | | | | |
| Circuit Breaker Maintenance | Breakers | 195 | 252 | 129% | 715 | 553 |
| Station Transformer Maintenance | Transformers | 10 | 11 | 110% | 67 | 67 |
| Station Battery Maintenance | Batteries | 245 | 244 | 100% | 980 | 733 |
| Station Relay Maintenance | Relays | 183 | 250 | 137% | 710 | 397 |
| Station Inspections | Sites | 525 | 515 | 98% | 2,100 | 1,559 |
| Underground Distribution Goals | | | | | | |
| Manhole Inspections | Manholes | 50 | 225 | 450% | 700 | 738 |
| Major Network Insp (Prot Relay) | Network Protectors | 24 | 33 | 138% | 92 | 79 |
| Minor Network Visual Inspection (Transformer/Protector/Vault) | Network Transformers | 165 | 80 | 48% | 573 | 491 |
| Underground Transmission Goals | | | | | | |
| Pressurization and Cathodic Protection Plant Inspection | Work Packages | 13 | 13 | 100% | 52 | 39 |
| Vegetation Management Goals | | | | | | |
| Overhead Line Clearance | Circuit Overhead Miles | 340 | 211 | 62% | 1,300 | 709 |
| Total Units | | 8,527 | 10,945 | 128% | 26,407 | 18,802 |

(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 September 30, 2014 (Quarter-to-date)
Favorable/ (Unfavorable)

| | Customer Care | External Affairs | Human Resources | Operations/ Operations Services | Technology | General Corporate* | Total |
|--------------|------------------|---------------------|--------------------|---------------------------------------|------------|-----------------------|------------|
| Total Actual | 15,640,843 | 2,107,238 | 3,110,904 | 14,135,752 | 8,727,859 | 11,510,650 | 55,233,246 |
| Total Budget | 15,309,402 | 2,397,843 | 3,112,486 | 16,415,681 | 10,336,422 | 10,486,944 | 58,058,778 |
| Variance | (331,441) | 290,605 | 1,582 | 2,279,929 | 1,608,563 | (1,023,706) | 2,825,532 |

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

The timing of vegetation maintenance is the most significant driver of the underspend.

For the Nine Months Ended September 30, 2014 (Year-to-date)
Favorable/ (Unfavorable)

| | Customer Care | External Affairs | Human Resources | Operations/ Operations Services | Technology | General Corporate* | Total |
|--------------|------------------|---------------------|--------------------|---------------------------------------|------------|-----------------------|-------------|
| Total Actual | 35,214,175 | 7,306,986 | 9,429,628 | 40,672,343 | 22,189,452 | 36,377,731 | 151,190,316 |
| Total Budget | 39,665,388 | 8,348,337 | 9,550,687 | 49,573,235 | 27,680,903 | 34,176,320 | 168,994,870 |
| Variance | 4,451,214 | 1,041,350 | 121,058 | 8,900,892 | 5,491,451 | (2,201,412) | 17,804,554 |

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

The most significant contributors to the underspend in Operations/Operation Services include the timing of vegetation maintenance, tower inspection programs, Asset Management initiatives and vacancies.

(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 September 30, 2014 (Quarter-to-date)
Favorable/ (Unfavorable)**

| | Customer Care | External Affairs | Human Resources | Operations/ Operations Services | Technology | General Corporate* | Total |
|--------------|------------------|---------------------|--------------------|---------------------------------------|------------|-----------------------|------------|
| Total Actual | 681,179 | 6,620 | 2,542,688 | 27,180,965 | 13,603,534 | 11,603,302 | 55,618,288 |
| Total Budget | 1,420,928 | 0 | 3,144,747 | 39,181,756 | 12,727,728 | 7,266,560 | 63,741,719 |
| Variance | 739,749 | (6,620) | 602,059 | 12,000,791 | (875,806) | (4,336,742) | 8,123,431 |

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

Capital underspend for the three months ended September 30, 2014 is attributable to lower storm restoration spend than budgeted and the timing of various projects. Material delays for a major construction project is also a significant driver to the underspend in Operations/Operation Services.

**For the Nine Months Ended September 30, 2014 (Year-to-date)
Favorable/ (Unfavorable)**

| | Customer Care | External Affairs | Human Resources | Operations/ Operations Services | Technology | General Corporate* | Total |
|--------------|------------------|---------------------|--------------------|---------------------------------------|-------------|-----------------------|-------------|
| Total Actual | 1,805,864 | 6,697 | 7,845,329 | 85,081,948 | 43,732,766 | 31,863,048 | 170,335,652 |
| Total Budget | 3,161,202 | 0 | 8,957,647 | 108,142,321 | 42,502,272 | 21,798,748 | 184,562,190 |
| Variance | 1,355,338 | (6,697) | 1,112,318 | 23,060,373 | (1,230,494) | (10,064,300) | 14,226,538 |

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

Capital underspend for the nine months ended September 30, 2014 is attributable to lower storm restoration spend than budgeted and the timing of various projects. Material delays for a major construction project is also a significant driver to the underspend in Operations/Operation Services.

(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).

| | | |
|------------------------------|---------------------------------------|------------|
| Telecom | Electronic Technician | 9 |
| | Sr. Electronic Tech | 11 |
| | <i>Apprentice Splicer/Trouble Tec</i> | 3 |
| | Telecom Splicer/Trouble | 3 |
| | Total | 26 |
| Substation | Electrical Equipment Tech | 17 |
| | Protection & Control Tech | 24 |
| | Sr. Elec. Equipment Tech | 10 |
| | Rigger Specialist | 3 |
| | Rigger Crew Leader | 2 |
| | Shop Mechanic 2 Rigger | 0 |
| | Yard Group Leader | 4 |
| Total | 60 | |
| Underground | <i>Apprentice UG Splicer</i> | 12 |
| | UG Inspector | 9 |
| | Journey UG Splicer | 18 |
| | Sr. UG Splicer | 6 |
| | UG Cable Tester/Installer | 1 |
| | Sr. UG Mechanic | 0 |
| | Network Operator | 11 |
| | Total | 57 |
| Overhead | Apprentice T&D | 70 |
| | Equipment Attendant | 1 |
| | Equipment Material Handler | 6 |
| | Field Inspector | 2 |
| | Journey Lineworker | 93 |
| | Restricted HS Lineworker | 17 |
| | Service Crew Leader | 3 |
| | Sr. Lineworker | 54 |
| | Distribution Tech | 9 |
| | Total | 255 |
| Street Light Changers | Total | 6 |
| Mobile Worker | Total | 2 |

(e)(9) (Continued)

| | | |
|--|-------------------------|--------------|
| Engineering | Drafter | 0 |
| | General Clerk - Grad | 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 | 8 |
| | Technician A | 4 |
| | Technician B | 5 |
| | Technician C | 8 |
| | Test Technician, Mobile | 5 |
| Total | 67 | |
| Service Center Technician | Sr. Technician | 7 |
| | Technician | 1 |
| | Total | 8 |
| Traveling Operator/Troubleshooter | Senior Operator | 28 |
| | Traveling Operator | 1 |
| | Troubleshooter 1/C | 4 |
| | Troubleshooter | 16 |
| | Total | 49 |
| Load Dispatcher | Total | 13 |
| Meter Technician | Meter Technician | 6 |
| | Sr. Meter Technician | 22 |
| | Total | 28 |
| Meter Reader | Total | 12 |
| Customer Service Representatives | Autodialing Operator | 5 |
| | Customer Service Rep | 92 |
| | Customer Service Rep PT | 43 |
| | Word Processing Clerk | 1 |
| | Sr. Customer Service | 5 |
| Total | 146 | |
| Admin/Supervisory/Mgmt | Total | 401 |
| TOTAL | | 1,130 |

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

(Confidential information highlighted)

3rd Quarter 2014

Contractor Dollars:
Contractor Hours:

YTD 2014

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 – 3rd Quarter 2014

| Month | Accepts | Refusals | Total | Percentage |
|-----------|---------|----------|-------|------------|
| July | 207 | 330 | 537 | 39% |
| August | 198 | 279 | 477 | 42% |
| September | 148 | 236 | 384 | 39% |

Amount of Time it Takes to Obtain the Necessary Personnel – 3rd Quarter 2014

| Month | Total Callout Events | Necessary Personnel Accepting | Average Minutes:Seconds per Callout Event | Average Minutes:Seconds per Individual called |
|--------------------------|----------------------|-------------------------------|---|---|
| July | 60 | 209 | 5:43 | 1:22 |
| August | 70 | 203 | 4:41 | 1:22 |
| September | 53 | 148 | 6:03 | 1:21 |
| 3 rd Qtr 2014 | 183 | 560 | 5:24 | 1:22 |
| 2014 YTD | 575 | 1,682 | 4:52 | 1:21 |

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 Center | Device | Lockouts | Circuit Connected KVA | Last Outage | Total Ckt KVA-Minutes | Total Ckt KVA Interrupted | SAIDI | SAIFI | CAIDI |
|---------|------------------|----------------|-------------------|----------|-----------------------|-------------|-----------------------|---------------------------|-------|-------|-------|
| 23695 | B.I. | Preble | EA301 | 5 | 23,890 | 08/26/14 | 4,592,819 | 52,633 | 192 | 2.20 | 87 |
| 4237 | West End | Preble | BKR | 5 | 3,294 | 06/06/14 | 885,334 | 16,570 | 269 | 5.03 | 53 |
| 23681 | Woodville | Preble | ER198/EA 259 | 4 | 30,731 | 06/11/14 | 5,958,021 | 49,400 | 194 | 1.61 | 121 |
| 23871 | Mt. Nebo | Raccoon | WA853 | 4 | 17,687 | 06/13/14 | 3,996,508 | 34,419 | 226 | 1.95 | 116 |
| 4622 | Ardmore | Penn Hills | Loss of Supply | 4 | 3,641 | 05/27/14 | 686,466 | 7,332 | 189 | 2.01 | 94 |
| 23716 | Pine Creek | Edison | BKR | 4 | 30,534 | 06/19/14 | 8,186,257 | 114,964 | 268 | 3.77 | 71 |
| 4308 | East End | Penn Hills | BKR | 4 | 2,236 | 07/02/14 | 1,001,878 | 9,054 | 448 | 4.05 | 111 |
| 4264 | Grant | Preble | BKR | 4 | 2,278 | 08/27/14 | 509,173 | 9,220 | 224 | 4.05 | 55 |
| 23713 | Pine Creek | Edison | WA446 | 4 | 27,660 | 06/19/14 | 7,568,348 | 61,571 | 274 | 2.23 | 123 |
| 23698 | B.I. | Preble | WA209 | 3 | 21,983 | 05/27/14 | 6,882,828 | 45,864 | 313 | 2.09 | 150 |
| 23661 | Crescent | Raccoon | BKR | 3 | 27,415 | 06/28/14 | 3,520,263 | 32,642 | 128 | 1.19 | 108 |
| 22869 | Midland- CFry | Raccoon | WR875 | 3 | 37,666 | 05/28/14 | 9,215,573 | 59,794 | 245 | 1.59 | 154 |

| Circuit | Name | Service Center | Device | Lockouts | Circuit Connected KVA | Last Outage | Total Ckt KVA-Minutes | Total Ckt KVA Interrupted | SAIDI | SAIFI | CAIDI |
|---------|--------------|----------------|----------------|----------|-----------------------|-------------|-----------------------|---------------------------|-------|-------|-------|
| 23921 | Logans Ferry | Penn Hills | EA625 | 3 | 30,062 | 04/17/14 | 7,439,793 | 57,504 | 247 | 1.91 | 129 |
| 23710 | Pine Creek | Edison | WA383 | 3 | 32,810 | 09/10/14 | 1,987,685 | 41,911 | 61 | 1.28 | 47 |
| 23705 | North | Edison | Bkr | 3 | 26,540 | 06/13/14 | 5,110,506 | 56,232 | 193 | 2.12 | 91 |
| 23770 | Traverse Run | Raccoon | WR590 | 3 | 19,469 | 06/18/14 | 9,638,628 | 65,150 | 495 | 3.35 | 148 |
| 4852 | Conway | Raccoon | BKR | 3 | 1,754 | 06/12/14 | 531,250 | 7,012 | 303 | 4.00 | 76 |
| 23640 | Midland | Raccoon | WR595 | 2 | 27,835 | 06/24/14 | 3,820,829 | 29,932 | 137 | 1.08 | 128 |
| 4154 | Long | Penn Hills | Loss of Supply | 2 | 3,690 | 05/27/14 | 154,005 | 490 | 42 | 0.13 | 314 |
| 4155 | Long | Penn Hills | Loss of Supply | 2 | 4,172 | 05/27/14 | 32,281 | 258 | 8 | 0.06 | 125 |
| 23950 | Wilkinsburg | Penn Hills | BKR | 2 | 16,413 | 06/08/14 | 727,930 | 53,989 | 44 | 3.29 | 13 |

UPS CampusShip: View/Print Label

1. **Ensure there are no other shipping or tracking labels attached to your package.** Select the Print button on the print dialog box that appears. Note: If your browser does not support this function select Print from the File menu to print the label.
2. **Fold the printed sheet containing the label at the line so that the entire shipping label is visible.** Place the label on a single side of the package and cover it completely with clear plastic shipping tape. Do not cover any seams or closures on the package with the label. Place the label in a UPS Shipping Pouch. If you do not have a pouch, affix the folded label using clear plastic shipping tape over the entire label.

3. GETTING YOUR SHIPMENT TO UPS

UPS locations include the UPS Store[®], UPS drop boxes, UPS customer centers, authorized retail outlets and UPS drivers. Schedule a same day or future day Pickup to have a UPS driver pickup all your CampusShip packages.

Hand the package to any UPS driver in your area.

Take your package to any location of The UPS Store[®], UPS Drop Box, UPS Customer Center, UPS Alliances (Office Depot[®] or Staples[®]) or Authorized Shipping Outlet near you. Items sent via UPS Return Services(SM) (including via Ground) are also accepted at Drop Boxes. To find the location nearest you, please visit the Resources area of CampusShip and select UPS Locations.

Customers with a Daily Pickup

Your driver will pickup your shipment(s) as usual.

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| | | | |
|--|--|--|--------|
| RIBEKA GARRITY DUQUESNE LIGHT 411 SEVENTH AVE PITTSBURGH PA 15219 | | 0.0 LBS LTR | 1 OF 1 |
| SHIP TO: ROSEMARY CHIAVETTA, SECRETARY 717-772-7777 PA PUBLIC UTILITY COMMISSION 2ND FLOOR - ROOM N201 400 NORTH STREET HARRISBURG PA 17120-0200 | | | |
|  | | PA 171 9-20  | |
| UPS NEXT DAY AIR SAVER 1P TRACKING #: 1Z A5V 025 NW 9711 6035 | | | |
|  | | | |
| BILLING: P/P ATTENTION UPS DRIVER: SHIPPER RELEASE | | | |
| Cost Center: 492 Reference # 2: 3Q Reliability Report | |  ™ | |
| <small>CS 16.7.04</small> | | <small>WNTIE90 57.0A 10/2014</small> | |