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August 1, 2017

**VIA OVERNIGHT DELIVERY**

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

**RECEIVED**

AUG -1 2017

PA PUBLIC UTILITY COMMISSION  
SECRETARY'S BUREAU

**Re: Duquesne Light Company Annual Smart Meter Deployment Update**  
**Docket No. – M-2009-2123948**

Dear Secretary Chiavetta:

Enclosed for filing, please find an original copy of Duquesne Light Company's Annual Update regarding its implementation of Advanced Metering Infrastructure.

Should you have any questions, please feel free to contact me at 412-393-6268.

Respectfully Submitted,

Michael Zimmerman  
Counsel, Regulatory

Enclosures

Cc: Certificate of Service

**BEFORE THE  
PENNSYLVANIA PUBLIC UTILITY COMMISSION**

**RECEIVED**

AUG - 1 2017

**DUQUESNE LIGHT COMPANY  
SMART METER PROCUREMENT AND INSTALLATION  
ANNUAL UPDATE**

PA PUBLIC UTILITY COMMISSION  
SECRETARY'S BUREAU

**I. INTRODUCTION**

Act 129 of 2008 (“Act 129”) requires large electric distribution companies (“EDCs”) such as Duquesne Light Company (“Duquesne Light” or “Company”) to deploy smart meter technology.<sup>1</sup> On June 24, 2009, the Pennsylvania Public Utility Commission (“Commission”) entered its Smart Meter Procurement and Installation Implementation Order<sup>2</sup> (“SM Implementation Order”) which provided electric distribution companies (“EDCs”) with further guidance regarding the requirements for smart meter procurement and installation. Among other things, the SM Implementation Order provides that EDCs are required “to file a Smart Meter Progress report on an annual basis that will update the status of their installation plans, including the number of customers who received meters in the prior year, the estimated number of customers scheduled to receive meters in the coming year, and all costs associated with the meter plan incurred during the previous year.” This update is submitted in compliance with the Commission’s SM Implementation Order.

**II. BACKGROUND**

On June 29, 2012, Duquesne Light filed a Petition for Approval of its Final Smart Meter Procurement and Installation Plan (“2012 SMIP”). On December 7, 2012, Duquesne Light and

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<sup>1</sup> 66 Pa. C.S. § 2807(f).

<sup>2</sup> Smart Meter Procurement and Installation Order, Docket No. M-2009-2092655.

the Office of the Consumer Advocate filed an uncontested Joint Petition for Approval of Full Settlement (“Joint Petition”) in the 2012 SMIP. The Joint Petition proposed to resolve all issues related to the Company’s smart meter implementation including the deployment schedule and technology solutions.

On January 24, 2013, Administrative Law Judge Katrina Dunderdale issued an Initial Decision approving the Joint Petition. Subsequently, on May 6, 2013, the Pennsylvania Public Utility Commission (“Commission”) entered its Opinion and Order (“May 6 Order”) approving the Joint Petition.

On August 4, 2015, Duquesne Light filed a Petition for Approval to Modify its Smart Meter Procurement and Installation Plan (“2015 Amended Plan”).<sup>3</sup> Following evidentiary hearings on February 18, 2016, and June 30, 2016, Administrative Law Judge Katrina Dunderdale issued an Initial Decision approving in part and rejecting in part the 2015 Amended Plan.<sup>4</sup> On April 7, 2017, the Commission adopted the Initial Decision in its entirety.

### **III. ADVANCED METERING INFRASTRUCTURE DEPLOYMENT**

Duquesne Light continues to make significant progress in its deployment of Advanced Metering Infrastructure (“AMI”), and has deployed 447,000 meters through the end of June, 2017. As explained in the Company’s 2015 Amended Plan, Duquesne Light’s advanced metering infrastructure consists of four components: Local Area Network (“LAN”), Wide Area Network (“WAN”), Head End Collection Engine, and Itron Smart Meters. To deliver the required functionality outlined in Act 129 and the Smart Meter Implementation Order, the Company must

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<sup>3</sup> *Petition of Duquesne Light Company for Approval to Modify its Smart Meter Procurement and Installation Plan*, Docket No. P-2015-2497267.

<sup>4</sup> The Initial Decision denied approval for Duquesne Light to recover costs associated with implementation of an Automated Distribution Management System, and approved the remaining components of the 2015 Amended Plan.

build out the necessary infrastructure to enable bidirectional communication and interval usage data. Deployment of this infrastructure, discussed in further detail below, follows the schedule in the 2015 Amended Plan.

**A. Local Area Network (LAN)**

The Company has completed deployment of the Local Area Network (LAN), which delivers metering data from the meter to the Wide Area Network (discussed below). The LAN consists of Cell Relays and Subscriber units called Data Aggregations Points (“DAPs”). These DAPs transmit meter data via the subscriber units to the WAN as described above. The Company completed the DAP installation in June of 2017.

**B. Wide Area Network (WAN)**

The Company has completed the build-out of the system-wide WAN network. The WAN network design includes antennas at various field sites which receive data from the subscriber units, (radios) in the field. These subscriber units then transmit the data to radio and telecommunications equipment installed at the base of the tower, which is used to transport data back to the Company’s data center.

**C. Head End Collection Engine**

The Head End Collection Engine performs network management and coordinates data collection and operations of the Smart Meters. Duquesne Light completed deployment of this component in June of 2015.

**D. Meter Deployment and the Open Way Collection Engine**

The Company continues to install Itron Smart Meters with the Open Way Collection Engine solution. Through the end of June 2017, the Company has installed approximately 447,000 Smart Meters, and expects to have installed approximately 525,000 Smart Meters by the end of

2017. Consistent with the 2015 Amended Plan, the Company is on schedule to complete residential Smart Meter deployment by end of year 2018, and commercial and industrial Smart Meter deployment by end of year 2019.

#### IV. AMI COST

On July 31, 2017, the Company filed its Smart Meter Charge Annual Reconciliation Statement for the period of July 1, 2016 through June 30, 2017 (“Reconciliation Period”). The reconciliation statement details cost incurred by the Company during the Reconciliation Period. A copy of that filing is attached.

Respectfully submitted, -



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**Exhibit 1**

**Duquesne Light Company  
Rider 20 -Smart Meter Charge  
Annual Reconciliation - July 1, 2016 through June 30, 2017**

**Summary of Reconciliation Period**

1	Surcharge Revenue, Inc. GRT	\$31,229,718	Exh. 1, Page 2
2	Surcharge Revenue, Excl. GRT		\$29,387,164 Line 1 * 0.941
3	E-Factor Revenue, Inc. GRT	\$122,040	Exh. 1, Page 2
4	E-Factor Revenue, Excl. GRT		\$114,840 Line 3 * 0.941
5	Net Smart Meter Related Revenue, Excl. GRT		\$29,272,324 Line 2 - Line 4
6	Smart Meter Related Expense		\$27,876,088 Exh. 1, Page 2
7	Reconciliation Period (Over)/Under Collection		(\$1,396,236) Line 6 - Line 5
8	Interest on (Over)/Under Collection		(\$122,221) Exh. 1, Page 2
9	Total Reconciliation Period (Over)/Under Collection		(\$1,518,457) Line 7 + Line 8

Exhibit 1

Duquesne Light Company  
Rider 20 - Smart Meter Charge  
Annual Reconciliation - July 1, 2016 through June 30, 2017

TOTAL - SINGLE PHASE AND POLY PHASE METERS COMBINED

Statement of (Over)/Under Collections for the Reconciliation Period - July 2016 through June 2017

	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Total
1 Net Surcharge Revenue, Incl. GRT	\$2,107,584	\$2,073,553	\$2,016,287	\$2,275,451	\$2,331,690	\$2,192,252	\$3,274,108	\$3,438,411	\$3,326,049	\$2,719,460	\$2,802,847	\$2,672,026	\$31,229,718
2 Less E-Factor Revenue, Incl. GRT	(\$263,271)	(\$264,121)	(\$265,050)	(\$265,047)	(\$265,884)	(\$266,295)	\$285,226	\$285,415	\$285,624	\$285,396	\$285,130	\$284,917	\$122,040
3 Smart Meter Charge Related Revenue	\$2,370,855	\$2,337,674	\$2,281,337	\$2,540,498	\$2,597,575	\$2,458,547	\$2,988,881	\$3,152,997	\$3,040,425	\$2,434,064	\$2,517,717	\$2,387,108	\$31,107,677
4 Smart Meter Charge Related Revenue	\$2,370,855	\$2,337,674	\$2,281,337	\$2,540,498	\$2,597,575	\$2,458,547	\$2,988,881	\$3,152,997	\$3,040,425	\$2,434,064	\$2,517,717	\$2,387,108	\$31,107,677
5 Less PA Gross Receipts Tax	\$139,880	\$137,923	\$134,599	\$149,889	\$153,257	\$145,054	\$176,344	\$186,027	\$179,385	\$143,610	\$148,545	\$140,839	\$1,835,353
6 Net Smart Meter Charge Related Revenue	\$2,230,974	\$2,199,751	\$2,146,738	\$2,390,608	\$2,444,318	\$2,313,493	\$2,812,537	\$2,966,970	\$2,861,040	\$2,290,455	\$2,369,171	\$2,246,269	\$29,272,324
7 Expense	\$2,355,551	\$2,191,999	\$2,356,725	\$2,197,671	\$1,799,746	\$2,238,525	\$2,978,793	\$2,603,364	\$2,099,527	\$2,291,981	\$2,303,360	\$2,458,846	\$27,876,088
8 (Over)/Under Collection	\$124,576	(\$7,752)	\$209,987	(\$192,937)	(\$644,571)	(\$74,967)	\$166,256	(\$363,606)	(\$761,513)	\$1,526	(\$65,811)	\$212,577	(\$1,396,236)
9 Interest	\$14,949	(\$892)	\$23,099	(\$20,258)	(\$64,457)	(\$7,122)	\$14,963	(\$30,907)	(\$60,921)	\$114	(\$4,607)	\$13,818	(\$122,221)
10 Total (Over)/Under Collection	\$139,526	(\$8,644)	\$233,085	(\$213,195)	(\$709,029)	(\$82,089)	\$181,219	(\$394,513)	(\$822,434)	\$1,641	(\$70,418)	\$226,394	(\$1,518,457)

Exhibit 1

Duquesne Light Company  
Rider 20 - Smart Meter Charge  
Annual Reconciliation - July 1, 2016 through June 30, 2017

SINGLE PHASE METERS

Statement of (Over)/Under Collections for the Reconciliation Period - July 2016 through June 2017

	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Total
1 Net Surcharge Revenue, Incl. GRT	\$2,052,391	\$2,018,054	\$1,960,579	\$2,209,937	\$2,266,085	\$2,126,622	\$3,162,925	\$3,327,115	\$3,214,820	\$2,614,831	\$2,698,315	\$2,567,445	\$30,219,119
2 Less E-Factor Revenue, Incl. GRT	(\$253,080)	(\$253,874)	(\$254,764)	(\$254,775)	(\$255,598)	(\$256,005)	\$276,243	\$276,422	\$276,637	\$276,402	\$276,144	\$275,927	\$129,679
3 Smart Meter Charge Related Revenue	\$2,305,471	\$2,271,928	\$2,215,343	\$2,464,712	\$2,521,683	\$2,382,627	\$2,886,682	\$3,050,693	\$2,938,183	\$2,338,430	\$2,422,171	\$2,291,518	\$30,089,440
4 Smart Meter Charge Related Revenue	\$2,305,471	\$2,271,928	\$2,215,343	\$2,464,712	\$2,521,683	\$2,382,627	\$2,886,682	\$3,050,693	\$2,938,183	\$2,338,430	\$2,422,171	\$2,291,518	\$30,089,440
5 Less PA Gross Receipts Tax	\$136,023	\$134,044	\$130,705	\$145,418	\$148,779	\$140,575	\$170,314	\$179,991	\$173,353	\$137,967	\$142,908	\$135,200	\$1,775,277
6 Net Smart Meter Charge Related Revenue	\$2,169,448	\$2,137,884	\$2,084,637	\$2,319,294	\$2,372,904	\$2,242,052	\$2,716,368	\$2,870,703	\$2,764,830	\$2,200,462	\$2,279,263	\$2,156,318	\$28,314,163
7 Expense	\$2,288,778	\$2,131,012	\$2,289,740	\$2,131,046	\$1,747,628	\$2,170,591	\$2,880,451	\$2,518,581	\$2,033,047	\$2,213,241	\$2,224,207	\$2,373,992	\$27,002,313
8 (Over)/Under Collection	\$119,330	(\$6,873)	\$205,102	(\$188,248)	(\$625,276)	(\$71,461)	\$164,083	(\$352,122)	(\$731,783)	\$12,778	(\$55,055)	\$217,673	(\$1,311,850)
9 Interest	\$14,320	(\$790)	\$22,561	(\$19,766)	(\$62,528)	(\$6,789)	\$14,768	(\$29,930)	(\$58,543)	\$958	(\$3,854)	\$14,149	(\$115,444)
10 Total (Over)/Under Collection	\$133,649	(\$7,663)	\$227,664	(\$208,014)	(\$687,804)	(\$78,250)	\$178,851	(\$382,052)	(\$790,326)	\$13,737	(\$58,909)	\$231,822	(\$1,427,294)



Exhibit 1

Duquesne Light Company  
Rider 20 - Smart Meter Charge  
Annual Reconciliation - July 1, 2016 through June 30, 2017

POLY PHASE METERS

Statement of (Over)/Under Collections for the Reconciliation Period - July 2016 through June 2017

	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Total
1 Net Surcharge Revenue, Incl. GRT	\$55,193	\$55,499	\$55,708	\$65,514	\$65,606	\$65,630	\$111,183	\$111,296	\$111,229	\$104,629	\$104,532	\$104,581	\$1,010,598
2 Less E-Factor Revenue, Incl. GRT	(\$10,191)	(\$10,247)	(\$10,286)	(\$10,272)	(\$10,286)	(\$10,290)	\$8,983	\$8,993	\$8,987	\$8,994	\$8,986	\$8,990	(\$7,639)
3 Smart Meter Charge Related Revenue	\$65,384	\$65,746	\$65,994	\$75,786	\$75,892	\$75,920	\$102,199	\$102,303	\$102,242	\$95,635	\$95,546	\$95,590	\$1,018,237
4 Smart Meter Charge Related Revenue	\$65,384	\$65,746	\$65,994	\$75,786	\$75,892	\$75,920	\$102,199	\$102,303	\$102,242	\$95,635	\$95,546	\$95,590	\$1,018,237
5 Less PA Gross Receipts Tax	\$3,858	\$3,879	\$3,894	\$4,471	\$4,478	\$4,479	\$6,030	\$6,036	\$6,032	\$5,642	\$5,637	\$5,640	\$60,076
6 Net Smart Meter Charge Related Revenue	\$61,526	\$61,867	\$62,101	\$71,315	\$71,414	\$71,441	\$96,169	\$96,267	\$96,209	\$89,992	\$89,909	\$89,951	\$958,161
7 Expense	\$66,773	\$60,987	\$66,985	\$66,625	\$52,119	\$67,934	\$98,342	\$84,783	\$66,480	\$78,740	\$79,153	\$84,854	\$873,775
8 (Over)/Under Collection	\$5,247	(\$880)	\$4,884	(\$4,689)	(\$19,296)	(\$3,507)	\$2,172	(\$11,484)	(\$29,730)	(\$11,252)	(\$10,756)	(\$5,097)	(\$84,386)
9 Interest	\$630	(\$101)	\$537	(\$492)	(\$1,930)	(\$333)	\$196	(\$976)	(\$2,378)	(\$844)	(\$753)	(\$331)	(\$6,776)
10 Total (Over)/Under Collection	\$5,876	(\$981)	\$5,422	(\$5,182)	(\$21,225)	(\$3,840)	\$2,368	(\$12,460)	(\$32,108)	(\$12,096)	(\$11,509)	(\$5,428)	(\$91,162)

Exhibit 1

Duquesne Light Company  
Rider 20 - Smart Meter Charge  
Annual Reconciliation - July 1, 2016 through June 30, 2017

Summary of Surcharge Revenue

	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Total
<b>A. Net Surcharge Revenue by Meter Type, Incl. GRT</b>													
1 Single Phase	\$2,052,391	\$2,018,054	\$1,960,579	\$2,209,937	\$2,266,085	\$2,126,622	\$3,162,925	\$3,327,115	\$3,214,820	\$2,614,831	\$2,698,315	\$2,567,445	\$30,219,119
2 Poly-Phase	\$55,193	\$55,499	\$55,708	\$65,514	\$65,606	\$65,630	\$111,183	\$111,296	\$111,229	\$104,629	\$104,532	\$104,581	\$1,010,598
3 Total	\$2,107,584	\$2,073,553	\$2,016,287	\$2,275,451	\$2,331,690	\$2,192,252	\$3,274,108	\$3,438,411	\$3,326,049	\$2,719,460	\$2,802,847	\$2,672,026	\$31,229,718
<b>B. Net Surcharge Revenue by Meter Type, Excl. GRT</b>													
4 Single Phase	\$1,931,300	\$1,898,989	\$1,844,905	\$2,079,551	\$2,132,386	\$2,001,151	\$2,976,313	\$3,130,816	\$3,025,146	\$2,460,556	\$2,539,114	\$2,415,966	\$28,436,191
5 Poly-Phase	\$51,937	\$52,224	\$52,422	\$61,649	\$61,735	\$61,758	\$104,623	\$104,730	\$104,666	\$98,456	\$98,365	\$98,410	\$950,973
6 Total	\$1,983,236	\$1,951,213	\$1,897,326	\$2,141,199	\$2,194,121	\$2,062,909	\$3,080,935	\$3,235,545	\$3,129,812	\$2,559,012	\$2,637,479	\$2,514,376	\$29,387,164

Exhibit 1

Duquesne Light Company  
Rider 20 - Smart Meter Charge  
Annual Reconciliation - July 1, 2016 through June 30, 2017

Summary of Surcharge Related Expense

	<u>Jul-16</u>	<u>Aug-16</u>	<u>Sep-16</u>	<u>Oct-16</u>	<u>Nov-16</u>	<u>Dec-16</u>	<u>Jan-17</u>	<u>Feb-17</u>	<u>Mar-17</u>	<u>Apr-17</u>	<u>May-17</u>	<u>Jun-17</u>	<u>Total</u>
<b>A. Expense - Single Phase Meters</b>													
1 O&M Expense	\$881,028	\$723,337	\$882,074	\$640,032	\$256,555	\$679,480	\$1,241,738	\$879,880	\$394,298	\$492,269	\$503,236	\$653,063	\$8,226,991
2 Capitalized Component	\$1,407,750	\$1,407,675	\$1,407,666	\$1,491,013	\$1,491,072	\$1,491,111	\$1,638,714	\$1,638,701	\$1,638,749	\$1,720,972	\$1,720,971	\$1,720,928	\$18,775,322
3 Total	\$2,288,778	\$2,131,012	\$2,289,740	\$2,131,046	\$1,747,628	\$2,170,591	\$2,880,451	\$2,518,581	\$2,033,047	\$2,213,241	\$2,224,207	\$2,373,992	\$27,002,313
<b>B. Expense - Poly Phase Meters</b>													
4 O&M Expense	\$33,111	\$27,250	\$33,239	\$24,085	\$9,637	\$25,491	\$46,613	\$33,042	\$14,787	\$18,491	\$18,903	\$24,562	\$309,210
5 Capitalized Component	\$33,662	\$33,737	\$33,746	\$42,541	\$42,482	\$42,443	\$51,728	\$51,741	\$51,693	\$60,249	\$60,250	\$60,293	\$564,565
6 Total	\$66,773	\$60,987	\$66,985	\$66,625	\$52,119	\$67,934	\$98,342	\$84,783	\$66,480	\$78,740	\$79,153	\$84,854	\$873,775
<b>C. Expense - Total</b>													
7 O&M Expense	\$914,139	\$750,587	\$915,313	\$664,117	\$266,192	\$704,971	\$1,288,351	\$912,922	\$409,085	\$510,760	\$522,139	\$677,625	\$8,536,201
8 Capitalized Component	\$1,441,412	\$1,441,412	\$1,441,412	\$1,533,554	\$1,533,554	\$1,533,554	\$1,690,442	\$1,690,442	\$1,690,442	\$1,781,221	\$1,781,221	\$1,781,221	\$19,339,887
9 Total	\$2,355,551	\$2,191,999	\$2,356,725	\$2,197,671	\$1,799,746	\$2,238,525	\$2,978,793	\$2,603,364	\$2,099,527	\$2,291,981	\$2,303,360	\$2,458,846	\$27,876,088

Exhibit 1

Duquesne Light Company  
Rider 20 - Smart Meter Charge  
Annual Reconciliation - July 1, 2016 through June 30, 2017

Calculation of E-Factor Revenue

	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Total
<b>A. E-Factor Billing Units, Meter Count</b>													
1 Single Phase Meters	567,020	568,799	570,792	570,817	572,661	573,573	573,992	574,364	574,811	574,322	573,786	573,336	
2 Poly Phase Meters	21,310	21,428	21,509	21,480	21,510	21,518	21,547	21,569	21,556	21,573	21,553	21,563	
3 Total Meters	588,330	590,227	592,301	592,297	594,171	595,091	595,539	595,933	596,367	595,895	595,339	594,899	
<b>B. E-Factor Rate - Single</b>													
E-Factor Rate - Poly	(\$0.42)	(\$0.42)	(\$0.42)	(\$0.42)	(\$0.42)	(\$0.42)	\$0.45	\$0.45	\$0.45	\$0.45	\$0.45	\$0.45	\$0.45
Excl. GRT (1)	(\$0.45)	(\$0.45)	(\$0.45)	(\$0.45)	(\$0.45)	(\$0.45)	\$0.39	\$0.39	\$0.39	\$0.39	\$0.39	\$0.39	\$0.39
<b>C. E-Factor Revenue, Excl. GRT</b>													
5 Single Phase Meters	(\$238,148)	(\$238,896)	(\$239,733)	(\$239,743)	(\$240,518)	(\$240,901)	\$259,945	\$260,113	\$260,315	\$260,094	\$259,851	\$259,648	\$122,028
6 Poly Phase Meters	(\$9,590)	(\$9,643)	(\$9,679)	(\$9,666)	(\$9,680)	(\$9,683)	\$8,453	\$8,462	\$8,457	\$8,464	\$8,456	\$8,460	(\$7,188)
7 Total Meters	(\$247,738)	(\$248,538)	(\$249,412)	(\$249,409)	(\$250,197)	(\$250,584)	\$268,398	\$268,575	\$268,773	\$268,558	\$268,307	\$268,107	\$114,840
<b>D. E-Factor Revenue, Incl. GRT</b>													
8 Single Phase Meters	(\$253,080)	(\$253,874)	(\$254,764)	(\$254,775)	(\$255,598)	(\$256,005)	\$276,243	\$276,422	\$276,637	\$276,402	\$276,144	\$275,927	\$129,679
9 Poly Phase Meters	(\$10,191)	(\$10,247)	(\$10,286)	(\$10,272)	(\$10,286)	(\$10,290)	\$8,983	\$8,993	\$8,987	\$8,994	\$8,986	\$8,990	(\$7,639)
10 Total Meters	(\$263,271)	(\$264,121)	(\$265,050)	(\$265,047)	(\$265,884)	(\$266,295)	\$285,226	\$285,415	\$285,624	\$285,396	\$285,130	\$284,917	\$122,040

1/ E-Factor rate changes January 1 each year.

Exhibit 1

Duquesne Light Company  
Rider 20 - Smart Meter Charge  
Annual Reconciliation - July 1, 2016 through June 30, 2017

Calculation of Interest

	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Total
<b>Single Phase Meter</b>													
1 Net Smart Meter Charge Related Revenue Excl GRT	\$2,169,448	\$2,137,884	\$2,084,637	\$2,319,294	\$2,372,904	\$2,242,052	\$2,716,368	\$2,870,703	\$2,764,830	\$2,200,462	\$2,279,263	\$2,156,318	\$28,314,163
2 Expense	\$2,288,778	\$2,131,012	\$2,289,740	\$2,131,046	\$1,747,628	\$2,170,591	\$2,880,451	\$2,518,581	\$2,033,047	\$2,213,241	\$2,224,207	\$2,373,992	\$27,002,313
3 (Over)/Under Collection	\$119,330	(\$6,873)	\$205,102	(\$188,248)	(\$625,276)	(\$71,461)	\$164,083	(\$352,122)	(\$731,783)	\$12,778	(\$55,055)	\$217,673	(\$1,311,850)
4 Interest Rate	6.0%	6.0%	6.0%	6.0%	6.0%	6.0%	6.0%	6.0%	6.0%	6.0%	6.0%	6.0%	
5 Interest Weight	24/12	23/12	22/12	21/12	20/12	19/12	18/12	17/12	16/12	15/12	14/12	13/12	
6 Interest	\$14,320	(\$790)	\$22,561	(\$19,766)	(\$62,528)	(\$6,789)	\$14,768	(\$29,930)	(\$58,543)	\$958	(\$3,854)	\$14,149	(\$115,444)
7 Total (Over)/Under Collection	\$133,649	(\$7,663)	\$227,664	(\$208,014)	(\$687,804)	(\$78,250)	\$178,851	(\$382,052)	(\$790,326)	\$13,737	(\$58,909)	\$231,822	(\$1,427,294)
<b>Poly Phase Meter</b>													
8 Net Smart Meter Charge Related Revenue Excl GRT	\$61,526	\$61,867	\$62,101	\$71,315	\$71,414	\$71,441	\$96,169	\$96,267	\$96,209	\$89,992	\$89,909	\$89,951	\$958,161
9 Expense	\$66,773	\$60,987	\$66,985	\$66,625	\$52,119	\$67,934	\$88,342	\$84,783	\$66,480	\$78,740	\$79,153	\$84,854	\$873,775
10 (Over)/Under Collection	\$5,247	(\$880)	\$4,884	(\$4,689)	(\$19,296)	(\$3,507)	\$2,172	(\$11,484)	(\$29,730)	(\$11,252)	(\$10,756)	(\$5,097)	(\$84,386)
11 Interest Rate	6.0%	6.0%	6.0%	6.0%	6.0%	6.0%	6.0%	6.0%	6.0%	6.0%	6.0%	6.0%	
12 Interest Weight	24/12	23/12	22/12	21/12	20/12	19/12	18/12	17/12	16/12	15/12	14/12	13/12	
13 Interest	\$630	(\$101)	\$537	(\$492)	(\$1,930)	(\$333)	\$196	(\$976)	(\$2,378)	(\$844)	(\$753)	(\$331)	(\$6,776)
14 Total (Over)/Under Collection	\$5,876	(\$981)	\$5,422	(\$5,182)	(\$21,225)	(\$3,840)	\$2,368	(\$12,460)	(\$32,108)	(\$12,096)	(\$11,509)	(\$5,428)	(\$91,162)

[1] Interest calculated at the legal rate of interest at 6%. June 30, 2018 is the mid-point of the period January 1, 2018 to December 31, 2018 during which the over collection will be refunded.

**CERTIFICATE OF SERVICE**

I hereby certify that a true and correct copy of the foregoing has been served upon the following persons, in the manner indicated, in accordance with the requirements of 52 Pa. §1.54 (relating to service by a participant).

**FIRST CLASS MAIL**

Bureau of Investigation and Enforcement  
Pennsylvania Public Utility Commission  
400 North Street, 2<sup>nd</sup> Floor West  
P.O. Box 3265  
Harrisburg, PA 17105-3265

Office of Consumer Advocate  
555 Walnut Street  
Forum Place, 5<sup>th</sup> Floor  
Harrisburg, PA 17101

Pennsylvania Public Utility Commission  
UPARC  
Bureau of Audits  
3070 William Pitt Way  
Pittsburgh, PA 15238

Office of Small Business Advocate  
Suite 1102, Commerce Building  
200 North Street  
Harrisburg, PA 17101-1923

**RECEIVED**

AUG -1 2017

PA PUBLIC UTILITY COMMISSION  
SECRETARY'S BUREAU



Michael Zimmerman, Esquire  
Counsel, Regulatory  
Duquesne Light Company  
411 Seventh Avenue, 15-7  
Pittsburgh, PA 15219  
412-393-6268  
[mzimmerman@duqlight.com](mailto:mzimmerman@duqlight.com)

Date: August 1, 2017

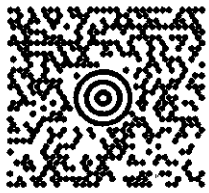
ERIN DITOMMASO  
412-393-6020  
DUQUESNE LIGHT  
411 SEVENTH AVENUE  
PITTSBURGH PA 15219

0.5 LBS LTR

1 OF 1

**SHIP TO:**

ROSEMARY CHIAVETTA, SECRETARY  
412-393-1541  
PENNSYLVANIA PUC  
400 NORTH STREET, 2ND FLOOR  
COMMONWEALTH KEYSTONE BUILDING  
HARRISBURG PA 17120-0093



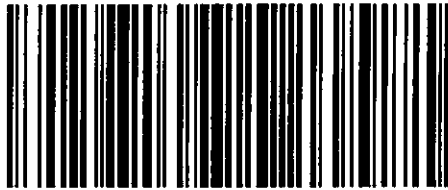
PA 171 9-20



**UPS NEXT DAY AIR**

TRACKING #: 1Z 187 399 01 9131 7384

**1**



BILLING: P/P

Cost Center: 004  
Reference # 2: Michael Zimmerman

CS 19.5.34.

WNTNVS0 90.0A 07/2017



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