



**Michael Zimmerman**  
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September 18, 2020

**Via Electronic Filing**

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

**Re: Duquesne Light Company – Rider No. 20 Smart Meter Charge  
Docket No. – M-2020-\_\_\_\_\_**

Dear Secretary Chiavetta:

Enclosed for filing, please find an original copy of Duquesne Light Company's ("Company") supporting documentation for the rates at Rider No. 20 to Tariff-Electric, PA. P.U.C. No. 25 ("Smart Meter Charge") for the period October 1, 2020 through December 31, 2020. As indicated herein, Smart Meter Charge rates will not be changing, therefore, the Company is not here filing a tariff supplement.

Should you have any questions, please feel free to contact me or David Ogden, Manager of Rates and Tariff Services, at 412-393-6343.

Respectfully Submitted,

A handwritten signature in blue ink, appearing to read "Michael Zimmerman".

Michael Zimmerman  
Senior Counsel, Regulatory

Cc: Enclosure  
Certificate of Service

## 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. Code § 1.54 (relating to service by a participant):

### ELECTRONIC MAIL

Bureau of Investigation & Enforcement  
Richard Kanaskie  
Commonwealth Keystone Building  
400 North Street, 2<sup>nd</sup> Floor West  
PO Box 3265  
Harrisburg, PA 17105-3265  
[rkanaskie@pa.gov](mailto:rkanaskie@pa.gov)

Office of Small Business Advocate  
John Evans  
555 Walnut Street, 1<sup>st</sup> Floor  
Harrisburg, PA 17101  
[jorevan@pa.gov](mailto:jorevan@pa.gov)

Office of Consumer Advocate  
Tanya McCloskey  
555 Walnut Street  
Forum Place, 5<sup>th</sup> Floor  
Harrisburg, PA 17101-1923  
[TMcCloskey@paoca.org](mailto:TMcCloskey@paoca.org)

Bureau of Audits  
Pennsylvania Public Utility Commission  
Barbara Sidor  
Commonwealth Keystone Building  
400 North Street, 3<sup>rd</sup> Floor East  
Harrisburg, PA 17120  
[bsidor@pa.gov](mailto:bsidor@pa.gov)



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Dated: September 18, 2020

Duquesne Light Company  
Smart Meter Cost Recovery Charge  
Calculation of Smart Meter Charge Rates  
Tariff Rider No. 20  
Effective October 1, 2020 (1)

<u>Line</u>	<u>Common Plant</u>	<u>Single Phase Meters</u>	<u>Poly Phase Meters</u>
1 Average Projected Smart Meter Plant In Service	\$0	\$0	\$0
2 Annual Depreciation (years)	10	15	15
3 Annual Depreciation	\$0	\$0	\$0
4 Accrued Depreciation	\$0	\$0	\$0
5 Weighted Average Pre-Tax Rate of Return (PTRR)(page 2)	8.91%	8.91%	8.91%
<u>Formula and Calculation</u>			
6	SMC = [((( NPIS * PTRR/4) + Dep/4 + O&M - S + e/4) / M) * (1/(1-T))		
7	<u>(Plant-accrued depreciation-ADIT)*Return + Depreciation + O&amp;M - Savings + e-Factor</u>		
8	Meters per Quarter * (1-Gross Receipts Tax)		
9 Smart Meter Plant In Service	\$0	\$0	\$0
10 Less Accrued Depreciation	\$0	\$0	\$0
11 Less Accumulated Deferred Income Taxes	\$0	\$0	\$0
12 Net Plant	\$0	\$0	\$0
13 Weighted Rate of Return/4	2.23%	2.23%	2.23%
14 Return	\$0	\$0	\$0
15 Depreciation/4	\$0	\$0	\$0
16 O&M Expense (Projected for Quarter)	\$0	\$0	\$0
17 Savings	\$0	\$0	\$0
18 e-Factor/4 (2)	\$0	\$400,876	(\$67,592)
19 Adjustment/4 (3)	\$0	(\$115,560)	\$10,337
20 Smart Meter Revenue Requirement (SMRR)	\$0	\$285,316	(\$57,255)
21 Meters		576,022	21,691
22 Share of Total Meters		96.4%	3.6%
23 Allocated Common Plant SMRR Based on Meters (Line 20 * Line 22)		\$0	\$0
24 Total Revenue Requirement by Meter Type for Upcoming Quarter (Line 20 + Line 23)		\$285,316	(\$57,255)
25 Current Meter Count		576,022	21,691
26 Projected Quarterly Bills Based on Meter Count (line 25 x 3)		1,728,066	65,074
27 Monthly Charge per Meter for Upcoming Quarter (Line 24 / Line 26)		\$0.17	(\$0.88)
28 Pennsylvania Gross Receipts Tax Rate (PA GRT)		5.9%	5.9%
29 <b>Monthly Smart Meter Charge Including GRT (\$/month/meter)</b>		<b>\$0.18</b>	<b>(\$0.94)</b>

(1) As part of the Company's distribution rate case at Docket No. R-2018-3000124, the Company sought permission to roll its Smart Meter Charge ("SMC") into base rates. All SMC costs have been subject to audit as part of the reconcilable surcharge, and any costs that were previously included in the surcharge remain subject to audit pursuant to the Commission's rules and regulations. Any remaining over/under collection balance will continue to be refunded or recouped, as applicable, through the SMC.

(2) E-factor component based on \$939,745 under collection balance at June 30, 2019 and projected E-factor revenue of (\$393,390) through December 2019, for a total estimated under collection of \$1,333,135 through December 2019. Under collection to be recouped over the one-year period commencing on January 1, 2020 (Single Phase \$1,603,502/4; Poly Phase (\$270,367)/ 4).

(3) Prior period adjustment reflects a net overcollection of (\$337,594) plus (\$83,297) of calculated interest. Net overcollection to be refunded over the one-year period commencing on January 1, 2020 (Single Phase (\$462,238)/4; Poly Phase \$41,347/ 4). See Exhibit 2 - Prior Period Adjustment Calculation for the detailed calculation of this adjustment.

Duquesne Light Company  
Smart Meter Cost Recovery Charge  
Weighted Average Cost of Capital  
Tariff Rider No. 20  
Effective October 1, 2020

Line

Pre-Tax Weighted Average Cost of Capital

	<u>Weight (1)</u>	<u>Cost</u>	<u>Weighted Average Cost</u>	<u>Gross Revenue Conversion Factor</u>	<u>Pre-Tax Weighted Average Cost</u>
1 Debt (1)	49.10%	4.37%	2.15%		2.15%
2 Preferred Equity (1)	0.00%	0.00%	0.00%	1.40631	0.00%
3 Common Equity (2)	<u>50.90%</u>	9.45%	<u>4.81%</u>	1.40631	<u>6.76%</u>
4 Total Return	100.00%		6.96%		8.91%

Calculation of Gross Revenue Conversion Factor

	<u>Rate</u>	
5 Gross Revenue Charge		100.00%
6 Less: State Income Taxes	9.99%	<u>9.99%</u>
7 Income Before Federal Income Taxes		90.01%
8 Less: Federal Income Taxes	21.00%	<u>18.90%</u>
9 Income After Income Taxes		71.11%
10 Gross Revenue Conversion Factor		1.40631

Notes:

- 1/ Weighted capitalization ratio's and cost of debt and preferred per Company's records. This information was submitted to the PA PUC in the in the Company's Second Quarter 2020 Quarterly Financial Report, Docket No. M-2020-3015224.
- 2/ Effective July 1, 2017, cost of common equity reflects the published Market Based Returns on Common Equity, published in the First Quarter 2020 Quarterly Earnings Report Summary, Docket No. M-2020-3020940.

Duquesne Light Company  
Smart Meter Cost Recovery Charge  
Prior Period Adjustment Calculation  
Tariff Rider No. 20  
Effective October 1, 2020

Q1 2015	As Filed			Updated Revenue Requirement - Q3 2019			Difference Reflected in CAL2020 SMC Rate			Totals								
	Common Plant	Single Phase Meters	Poly Phase Meters	Common Plant	Single Phase Meters	Poly Phase Meters	Common Plant	Single Phase Meters	Poly Phase Meters									
	Smart Meter Plant in Service	\$2,658,362	\$1,027,133	\$0	\$2,658,362	\$664,955	\$0	\$0	(\$362,178)		\$0	(\$362,178)						
Less Accrued Depreciation	(\$22,153)	(\$11,413)	\$0	(\$22,153)	(\$7,388)	\$0	\$0	\$4,024	\$0	\$4,024								
Less Accumulated Deferred Income Taxes	(\$10,905)	(\$6,548)	\$0	(\$10,905)	(\$4,240)	\$0	\$0	\$2,308	\$0	\$2,308								
Net Plant	\$2,625,305	\$1,009,172	\$0	\$2,625,305	\$653,327	\$0	\$0	(\$355,846)	\$0	(\$355,846)								
Weighted Rate of Return/4	2.91%	2.91%	2.91%	2.91%	2.91%	2.91%	0.00%	0.00%	0.00%	0.00%								
Return	\$76,461	\$29,392	\$0	\$76,461	\$19,028	\$0	\$0	(\$10,364)	\$0	(\$10,364)								
Depreciation/4	\$86,459	\$17,119	\$0	\$86,459	\$11,083	\$0	\$0	(\$6,036)	\$0	(\$6,036)								
Smart Meter Revenue Requirement (SMRR)	\$142,920	\$46,511	\$0	\$142,920	\$30,111	\$0	\$0	(\$16,400)	\$0	(\$16,400)								
Check to Filed 13076, Docket No. M-2015-2496173 (50) (50) (50)																		
Q2 2015	As Filed			Updated Revenue Requirement - Q3 2019			Difference Reflected in CAL2020 SMC Rate			Totals								
	Common Plant	Single Phase Meters	Poly Phase Meters	Common Plant	Single Phase Meters	Poly Phase Meters	Common Plant	Single Phase Meters	Poly Phase Meters									
	Smart Meter Plant in Service	\$14,354,290	\$7,167,044	\$0	\$14,354,290	\$5,942,215	\$0	\$0	(\$1,224,829)		\$0	(\$1,224,829)						
	Less Accrued Depreciation	(\$252,747)	(\$83,693)	\$0	(\$252,747)	(\$63,859)	\$0	\$0	\$19,834		\$0	\$19,834						
	Less Accumulated Deferred Income Taxes	(\$241,775)	(\$208,704)	\$0	(\$241,775)	(\$173,037)	\$0	\$0	\$35,667		\$0	\$35,667						
	Net Plant	\$13,859,768	\$6,874,647	\$0	\$13,859,768	\$5,705,319	\$0	\$0	(\$1,169,328)		\$0	(\$1,169,328)						
	Weighted Rate of Return/4	2.93%	2.93%	2.93%	2.93%	2.93%	2.93%	0.00%	0.00%		0.00%	0.00%						
	Return	\$405,603	\$201,185	\$0	\$405,603	\$166,965	\$0	\$0	(\$34,220)		\$0	(\$34,220)						
	Depreciation/4	\$358,857	\$119,451	\$0	\$358,857	\$99,037	\$0	\$0	(\$20,414)		\$0	(\$20,414)						
	Smart Meter Revenue Requirement (SMRR)	\$764,460	\$320,636	\$0	\$764,460	\$266,002	\$0	\$0	(\$54,634)		\$0	(\$54,634)						
Check to Filed 13076, Docket No. M-2015-2496173 (50) (50) (50)																		
Q3 2015	As Filed			Updated Revenue Requirement - Q3 2019			Difference Reflected in CAL2020 SMC Rate			Totals								
	Common Plant	Single Phase Meters	Poly Phase Meters	Common Plant	Single Phase Meters	Poly Phase Meters	Common Plant	Single Phase Meters	Poly Phase Meters									
	Smart Meter Plant in Service	\$30,280,101	\$13,355,331	\$0	\$30,280,101	\$12,344,271	\$0	\$0	(\$1,011,060)		\$0	(\$1,011,060)						
	Less Accrued Depreciation	(\$913,789)	(\$378,696)	\$0	(\$913,789)	(\$243,012)	\$0	\$0	\$37,684		\$0	\$37,684						
	Less Accumulated Deferred Income Taxes	(\$725,148)	(\$285,032)	\$0	(\$725,148)	(\$367,004)	\$0	\$0	(\$81,972)		\$0	(\$81,972)						
	Net Plant	\$28,641,164	\$12,789,603	\$0	\$28,641,164	\$11,734,255	\$0	\$0	(\$1,055,348)		\$0	(\$1,055,348)						
	Weighted Rate of Return/4	2.88%	2.88%	2.88%	2.88%	2.88%	2.88%	0.00%	0.00%		0.00%	0.00%						
	Return	\$824,314	\$368,094	\$0	\$824,314	\$337,721	\$0	\$0	(\$30,374)		\$0	(\$30,374)						
	Depreciation/4	\$757,003	\$222,589	\$0	\$757,003	\$205,738	\$0	\$0	(\$16,851)		\$0	(\$16,851)						
	Smart Meter Revenue Requirement (SMRR)	\$1,581,317	\$590,683	\$0	\$1,581,317	\$543,459	\$0	\$0	(\$47,225)		\$0	(\$47,225)						
Check to Filed 13076, Docket No. M-2015-2496173 (50) (50) (50)																		
Q4 2015	As Filed			Updated Revenue Requirement - Q3 2019			Difference Reflected in CAL2020 SMC Rate			Totals								
	Common Plant	Single Phase Meters	Poly Phase Meters	Common Plant	Single Phase Meters	Poly Phase Meters	Common Plant	Single Phase Meters	Poly Phase Meters									
	Smart Meter Plant in Service	\$38,677,534	\$18,621,812	\$0	\$38,677,534	\$18,065,792	\$0	\$0	(\$556,020)		\$0	(\$556,020)						
	Less Accrued Depreciation	(\$1,819,447)	(\$555,702)	\$0	(\$1,819,447)	(\$506,222)	\$0	\$0	\$49,479		\$0	\$49,479						
	Less Accumulated Deferred Income Taxes	(\$3,342,946)	(\$1,799,585)	\$0	(\$3,342,946)	(\$1,773,023)	\$0	\$0	\$26,562		\$0	\$26,562						
	Net Plant	\$33,515,141	\$16,266,525	\$0	\$33,515,141	\$15,786,547	\$0	\$0	(\$479,978)		\$0	(\$479,978)						
	Weighted Rate of Return/4	2.83%	2.83%	2.83%	2.83%	2.83%	2.83%	0.00%	0.00%		0.00%	0.00%						
	Return	\$947,448	\$459,842	\$0	\$947,448	\$446,274	\$0	\$0	(\$13,569)		\$0	(\$13,569)						
	Depreciation/4	\$966,938	\$310,364	\$0	\$966,938	\$301,097	\$0	\$0	(\$9,267)		\$0	(\$9,267)						
	Smart Meter Revenue Requirement (SMRR)	\$1,914,386	\$770,206	\$0	\$1,914,386	\$747,370	\$0	\$0	(\$22,836)		\$0	(\$22,836)						
Check to Filed 13076, Docket No. M-2016-2559269 (50) (50) (50)																		
Q1 2016	As Filed			Updated Revenue Requirement - Q3 2019			Difference Reflected in CAL2020 SMC Rate			Totals								
	Common Plant	Single Phase Meters	Poly Phase Meters	Common Plant	Single Phase Meters	Poly Phase Meters	Common Plant	Single Phase Meters	Poly Phase Meters									
	Smart Meter Plant in Service	\$40,536,020	\$26,121,476	\$0	\$40,536,020	\$25,565,456	\$0	\$0	(\$556,020)		\$0	(\$556,020)						
	Less Accrued Depreciation	(\$2,823,056)	(\$952,720)	\$0	(\$2,823,056)	(\$893,974)	\$0	\$0	\$58,746		\$0	\$58,746						
	Less Accumulated Deferred Income Taxes	(\$7,687,933)	(\$4,566,643)	\$0	(\$7,687,933)	(\$4,453,708)	\$0	\$0	\$113,235		\$0	\$113,235						
	Net Plant	\$30,025,030	\$20,601,812	\$0	\$30,025,030	\$20,217,773	\$0	\$0	(\$384,039)		\$0	(\$384,039)						
	Weighted Rate of Return/4	2.83%	2.83%	2.83%	2.83%	2.83%	2.83%	0.00%	0.00%		0.00%	0.00%						
	Return	\$848,785	\$582,398	\$0	\$848,785	\$571,541	\$0	\$0	(\$10,856)		\$0	(\$10,856)						
	Depreciation/4	\$1,013,400	\$435,358	\$0	\$1,013,400	\$426,091	\$0	\$0	(\$9,267)		\$0	(\$9,267)						
	Smart Meter Revenue Requirement (SMRR)	\$1,862,186	\$1,017,756	\$0	\$1,862,186	\$999,632	\$0	\$0	(\$20,123)		\$0	(\$20,123)						
Check to Filed 13076, Docket No. M-2016-2559269 (50) (50) (50)																		
Q2 2016	As Filed			Updated Revenue Requirement - Q3 2019			Difference Reflected in CAL2020 SMC Rate			Totals								
	Common Plant	Single Phase Meters	Poly Phase Meters	Common Plant	Single Phase Meters	Poly Phase Meters	Common Plant	Single Phase Meters	Poly Phase Meters									
	Smart Meter Plant in Service	\$55,859,329	\$35,057,608	\$0	\$55,859,329	\$34,227,651	\$0	\$0	(\$829,957)		\$0	(\$829,957)						
	Less Accrued Depreciation	(\$4,078,210)	(\$1,487,946)	\$0	(\$4,078,210)	(\$1,416,886)	\$0	\$0	\$71,061		\$0	\$71,061						
	Less Accumulated Deferred Income Taxes	(\$8,497,957)	(\$5,061,957)	\$0	(\$8,497,957)	(\$4,935,684)	\$0	\$0	\$126,273		\$0	\$126,273						
	Net Plant	\$43,283,162	\$28,507,705	\$0	\$43,283,162	\$27,875,082	\$0	\$0	(\$632,623)		\$0	(\$632,623)						
	Weighted Rate of Return/4	2.83%	2.83%	2.83%	2.83%	2.83%	2.83%	0.00%	0.00%		0.00%	0.00%						
	Return	\$1,223,583	\$805,891	\$0	\$1,223,583	\$788,008	\$0	\$0	(\$17,884)		\$0	(\$17,884)						
	Depreciation/4	\$1,296,483	\$584,293	\$0	\$1,296,483	\$570,461	\$0	\$0	(\$13,833)		\$0	(\$13,833)						
	Smart Meter Revenue Requirement (SMRR)	\$2,620,066	\$1,390,185	\$0	\$2,620,066	\$1,358,469	\$0	\$0	(\$31,716)		\$0	(\$31,716)						
Check to Filed 13076, Docket No. M-2016-2559269 (50) (50) (50)																		
Q3 2016	As Filed			Updated Revenue Requirement - Q4 2018			Difference Reflected in CAL2019 SMC Rate			Totals	Updated Revenue Requirement - Q3 2019			Difference Reflected in CAL2020 SMC Rate			Totals	
	Common Plant	Single Phase Meters	Poly Phase Meters	Common Plant	Single Phase Meters	Poly Phase Meters	Common Plant	Single Phase Meters	Poly Phase Meters		Common Plant	Single Phase Meters	Poly Phase Meters	Common Plant	Single Phase Meters	Poly Phase Meters		
	Smart Meter Plant in Service	\$59,168,442	\$41,456,975	\$69,133	\$59,168,442	\$41,442,051	\$26,916	\$0	(\$14,925)		(\$42,217)	(\$57,142)	\$59,168,442	\$40,672,048	\$31,119	\$0		(\$770,003)
	Less Accrued Depreciation	(\$5,543,651)	(\$2,141,595)	(\$498)	(\$5,543,651)	(\$2,141,251)	(\$207)	\$0	\$343	\$290	\$634	(\$5,543,651)	(\$2,057,023)	(\$245)	\$0	\$84,229	(\$37)	\$84,192
	Less Accumulated Deferred Income Taxes	(\$10,061,082)	(\$6,770,411)	(\$10,170)	(\$10,061,082)	(\$6,773,433)	(\$3,354)	\$0	(\$3,022)	\$6,816	\$3,794	(\$10,061,082)	(\$6,627,138)	(\$3,790)	\$0	\$146,295	(\$436)	\$145,859
	Net Plant	\$43,563,708	\$32,544,970	\$58,465	\$43,563,708	\$32,527,366	\$23,355	\$0	(\$17,603)	(\$35,111)	(\$52,714)	\$43,563,708	\$31,987,888	\$27,085	\$0	(\$539,479)	\$3,730	(\$535,749)
	Weighted Rate of Return/4	2.83%	2.83%	2.83%	2.83%	2.83%	2.83%	0.00%	0.00%	0.00%	0.00%	2.83%	2.83%	2.83%	0.00%	0.00%	0.00%	0.00%
	Return	\$1,231,361	\$919,908	\$1,652	\$1,231,361	\$919,410	\$660	\$0	(\$498)	(\$992)	(\$1,490)	\$1,231,361	\$904,162	\$766	\$0	(\$15,249)	\$105	(\$15,143)
	Depreciation/4	\$1,479,211	\$690,950	\$1,152	\$1,479,211	\$690,701	\$449	\$0	(\$249)	(\$704)	(\$952)	\$1,479,211	\$677,867	\$519	\$0	(\$12,833)	\$70	(\$12,763)
	Smart Meter Revenue Requirement (SMRR)	\$2,710,572	\$1,610,858	\$2,805	\$2,710,572	\$1,610,111	\$1,109	\$0	(\$746)	(\$1,696)	(\$2,442)	\$2,710,572	\$1,582,029	\$1,284	\$0	(\$28,082)	\$176	(\$27,907)
Check to Filed 13076, Docket No. M-2017-2618919 (50) (50) (50)																		

Duquesne Light Company  
Smart Meter Cost Recovery Charge  
Prior Period Adjustment Calculation  
Tariff Rider No. 20  
Effective October 1, 2020

Q4 2016

	As Filed			Updated Revenue Requirement - Q4 2018			Difference Reflected in CAL2019 SMC Rate			Totals	Updated Revenue Requirement - Q3 2019			Difference Reflected in CAL2020 SMC Rate			Totals
	Common Plant	Single Phase Meters	Poly Phase Meters	Common Plant	Single Phase Meters	Poly Phase Meters	Common Plant	Single Phase Meters	Poly Phase Meters		Common Plant	Single Phase Meters	Poly Phase Meters	Common Plant	Single Phase Meters	Poly Phase Meters	
Smart Meter Plant in Service	\$62,128,315	\$48,309,504	\$700,057	\$62,128,315	\$48,724,185	\$227,969	\$0	\$414,680	(\$472,088)	(\$57,408)	\$62,128,315	\$47,970,559	\$236,152	\$0	(\$753,626)	\$8,183	(\$745,442)
Less Accrued Depreciation	(\$7,054,148)	(\$2,908,441)	(\$8,088)	(\$7,054,148)	(\$2,912,115)	(\$2,824)	\$0	(\$3,674)	\$5,264	\$1,590	(\$7,054,148)	(\$2,815,225)	(\$2,983)	\$0	\$96,891	(\$159)	\$96,731
Less Accumulated Deferred Income Taxes	(\$12,510,940)	(\$9,610,481)	(\$125,929)	(\$12,510,940)	(\$9,689,984)	(\$36,941)	\$0	(\$79,504)	\$88,888	\$9,484	(\$12,510,940)	(\$9,528,299)	(\$38,290)	\$0	\$161,686	(\$1,355)	\$160,331
Net Plant	\$42,563,227	\$35,790,582	\$566,040	\$42,563,227	\$36,122,085	\$188,304	\$0	\$331,502	(\$177,836)	(\$46,334)	\$42,563,227	\$35,617,036	\$198,874	\$0	(\$495,049)	\$6,670	(\$488,380)
Weighted Rate of Return/4	2.83%	2.83%	2.83%	2.83%	2.83%	2.83%	0.00%	0.00%	0.00%	0.00%	2.83%	2.83%	2.83%	0.00%	0.00%	0.00%	0.00%
Return	\$1,203,028	\$1,011,603	\$15,999	\$1,203,028	\$1,020,973	\$5,319	\$0	\$9,370	(\$10,679)	(\$1,310)	\$1,203,028	\$1,006,980	\$5,508	\$0	(\$13,992)	\$189	(\$13,804)
Depreciation/4	\$1,553,208	\$805,158	\$11,668	\$1,553,208	\$812,070	\$3,799	\$0	\$6,911	(\$7,869)	(\$957)	\$1,553,208	\$799,509	\$3,936	\$0	(\$12,560)	\$136	(\$12,424)
Smart Meter Revenue Requirement (SMRR)	\$2,756,236	\$1,816,761	\$27,666	\$2,756,236	\$1,833,042	\$9,119	\$0	\$16,281	(\$18,547)	(\$2,260)	\$2,756,236	\$1,806,490	\$9,444	\$0	(\$26,553)	\$225	(\$26,328)

Check to filed 1307e, Docket No. M-2017-2628919 \$0 \$0 \$0

Q1 2017

	As Filed			Updated Revenue Requirement - Q4 2018			Difference Reflected in CAL2019 SMC Rate			Totals	Updated Revenue Requirement - Q3 2019			Difference Reflected in CAL2020 SMC Rate			Totals
	Common Plant	Single Phase Meters	Poly Phase Meters	Common Plant	Single Phase Meters	Poly Phase Meters	Common Plant	Single Phase Meters	Poly Phase Meters		Common Plant	Single Phase Meters	Poly Phase Meters	Common Plant	Single Phase Meters	Poly Phase Meters	
Smart Meter Plant in Service	\$67,931,603	\$54,844,171	\$1,195,637	\$67,931,603	\$55,692,738	\$289,495	\$0	\$848,567	(\$906,142)	(\$57,575)	\$67,931,603	\$54,960,516	\$298,929	\$0	(\$732,221)	\$9,433	(\$722,788)
Less Accrued Depreciation	(\$8,722,343)	(\$3,786,276)	(\$25,492)	(\$8,722,343)	(\$3,801,823)	(\$7,396)	\$0	(\$15,547)	\$18,095	\$2,549	(\$8,722,343)	(\$3,692,615)	(\$7,707)	\$0	\$109,208	(\$310)	\$108,898
Less Accumulated Deferred Income Taxes	(\$13,724,657)	(\$11,117,145)	(\$201,280)	(\$13,724,657)	(\$11,250,950)	(\$55,752)	\$0	(\$133,805)	\$145,308	\$11,703	(\$13,724,657)	(\$11,083,216)	(\$57,537)	\$0	\$187,734	(\$1,785)	\$185,949
Net Plant	\$45,484,604	\$39,940,749	\$968,866	\$45,484,604	\$40,639,964	\$226,347	\$0	\$699,215	(\$742,539)	(\$43,224)	\$45,484,604	\$40,184,685	\$233,685	\$0	(\$455,279)	\$7,338	(\$447,941)
Weighted Rate of Return/4	2.82%	2.82%	2.82%	2.82%	2.82%	2.82%	0.00%	0.00%	0.00%	0.00%	2.82%	2.82%	2.82%	0.00%	0.00%	0.00%	0.00%
Return	\$1,284,099	\$1,127,587	\$27,353	\$1,284,099	\$1,147,327	\$6,390	\$0	\$19,740	(\$20,963)	(\$1,223)	\$1,284,099	\$1,134,474	\$6,597	\$0	(\$12,853)	\$207	(\$12,646)
Depreciation/4	\$1,698,290	\$914,070	\$19,927	\$1,698,290	\$928,212	\$4,825	\$0	\$14,143	(\$15,102)	(\$960)	\$1,698,290	\$916,009	\$4,982	\$0	(\$12,204)	\$157	(\$12,046)
Smart Meter Revenue Requirement (SMRR)	\$2,982,389	\$2,041,657	\$47,280	\$2,982,389	\$2,075,539	\$11,215	\$0	\$33,883	(\$36,065)	(\$2,183)	\$2,982,389	\$2,050,483	\$11,579	\$0	(\$25,057)	\$364	(\$24,693)

Check to filed 1307e, Docket No. M-2017-2628919 \$0 \$0 \$0

Q2 2017

	As Filed			Updated Revenue Requirement - Q4 2018			Difference Reflected in CAL2019 SMC Rate			Totals	Updated Revenue Requirement - Q3 2019			Difference Reflected in CAL2020 SMC Rate			Totals
	Common Plant	Single Phase Meters	Poly Phase Meters	Common Plant	Single Phase Meters	Poly Phase Meters	Common Plant	Single Phase Meters	Poly Phase Meters		Common Plant	Single Phase Meters	Poly Phase Meters	Common Plant	Single Phase Meters	Poly Phase Meters	
Smart Meter Plant in Service	\$68,376,282	\$62,319,569	\$1,860,295	\$68,376,282	\$63,599,420	\$514,662	\$0	\$1,279,850	(\$1,345,633)	(\$65,783)	\$68,376,282	\$62,934,353	\$582,762	\$0	(\$665,067)	\$68,100	(\$596,967)
Less Accrued Depreciation	(\$10,429,151)	(\$4,783,866)	(\$52,079)	(\$10,429,151)	(\$4,818,332)	(\$14,054)	\$0	(\$34,466)	\$38,025	\$3,559	(\$10,429,151)	(\$4,697,834)	(\$15,162)	\$0	\$120,698	(\$1,108)	\$119,590
Less Accumulated Deferred Income Taxes	(\$14,114,567)	(\$12,051,972)	(\$282,889)	(\$14,114,567)	(\$12,236,126)	(\$78,650)	\$0	(\$184,154)	\$204,339	\$20,185	(\$14,114,567)	(\$12,069,827)	(\$83,307)	\$0	\$166,299	\$65,384	\$161,641
Net Plant	\$43,832,564	\$45,484,732	\$1,525,227	\$43,832,564	\$46,544,961	\$421,958	\$0	\$1,061,229	(\$1,103,269)	(\$43,039)	\$43,832,564	\$46,166,891	\$484,292	\$0	(\$178,070)	\$64,334	(\$113,736)
Weighted Rate of Return/4	2.82%	2.82%	2.82%	2.82%	2.82%	2.82%	0.00%	0.00%	0.00%	0.00%	2.82%	2.82%	2.82%	0.00%	0.00%	0.00%	0.00%
Return	\$1,237,459	\$1,284,074	\$43,059	\$1,237,459	\$1,314,034	\$11,913	\$0	\$29,960	(\$31,147)	(\$1,187)	\$1,237,459	\$1,303,361	\$13,672	\$0	(\$10,673)	\$1,760	(\$8,914)
Depreciation/4	\$1,709,407	\$1,038,659	\$31,005	\$1,709,407	\$1,059,990	\$8,578	\$0	\$21,331	(\$22,427)	(\$1,096)	\$1,709,407	\$1,048,906	\$9,713	\$0	(\$11,084)	\$1,135	(\$9,949)
Smart Meter Revenue Requirement (SMRR)	\$2,946,866	\$2,322,733	\$74,064	\$2,946,866	\$2,374,024	\$20,490	\$0	\$51,291	(\$53,574)	(\$2,283)	\$2,946,866	\$2,325,266	\$23,385	\$0	(\$21,758)	\$2,895	(\$18,863)

Check to filed 1307e, Docket No. M-2017-2628919 \$0 \$0 \$0

Q3 2017

	As Filed			Updated Revenue Requirement - Q4 2018			Difference Reflected in CAL2019 SMC Rate			Totals	Updated Revenue Requirement - Q3 2019			Difference Reflected in CAL2020 SMC Rate			Totals
	Common Plant	Single Phase Meters	Poly Phase Meters	Common Plant	Single Phase Meters	Poly Phase Meters	Common Plant	Single Phase Meters	Poly Phase Meters		Common Plant	Single Phase Meters	Poly Phase Meters	Common Plant	Single Phase Meters	Poly Phase Meters	
Smart Meter Plant in Service	\$69,201,492	\$68,934,426	\$1,112,100	\$69,201,492	\$70,465,448	\$1,272,828	\$0	\$1,531,021	(\$1,839,272)	(\$308,250)	\$69,201,492	\$69,993,586	\$1,390,095	\$0	(\$471,861)	\$117,267	(\$354,595)
Less Accrued Depreciation	(\$12,512,503)	(\$5,895,709)	(\$96,821)	(\$12,512,503)	(\$5,954,754)	(\$30,855)	\$0	(\$59,046)	\$65,966	\$6,920	(\$12,512,503)	(\$5,824,843)	(\$33,558)	\$0	\$129,912	(\$2,703)	\$127,209
Less Accumulated Deferred Income Taxes	(\$14,560,709)	(\$13,602,681)	(\$450,898)	(\$14,560,709)	(\$13,846,731)	(\$164,528)	\$0	(\$244,050)	\$286,371	\$42,321	(\$14,560,709)	(\$13,700,121)	(\$177,945)	\$0	\$146,019	(\$13,417)	\$132,602
Net Plant	\$42,128,280	\$49,436,037	\$2,564,381	\$42,128,280	\$50,663,962	\$1,077,445	\$0	\$1,227,926	(\$1,486,935)	(\$259,010)	\$42,128,280	\$50,468,032	\$1,178,592	\$0	(\$195,931)	\$101,147	(\$94,784)
Weighted Rate of Return/4	2.71%	2.71%	2.71%	2.71%	2.71%	2.71%	0.00%	0.00%	0.00%	0.00%	2.71%	2.71%	2.71%	0.00%	0.00%	0.00%	0.00%
Return	\$1,152,654	\$1,341,138	\$69,568	\$1,152,654	\$1,374,450	\$29,230	\$0	\$33,312	(\$40,339)	(\$7,027)	\$1,152,654	\$1,369,135	\$31,974	\$0	(\$5,315)	\$2,744	(\$2,571)
Depreciation/4	\$1,730,037	\$1,148,907	\$51,868	\$1,730,037	\$1,174,424	\$21,214	\$0	\$25,517	(\$30,655)	(\$5,138)	\$1,730,037	\$1,166,560	\$23,168	\$0	(\$7,864)	\$1,954	(\$5,910)
Smart Meter Revenue Requirement (SMRR)	\$2,882,691	\$2,490,045	\$121,437	\$2,882,691	\$2,548,874	\$50,444	\$0	\$58,829	(\$70,993)	(\$12,164)	\$2,882,691	\$2,535,694	\$55,142	\$0	(\$13,180)	\$4,698	(\$8,481)

Check to filed 1307e, Docket No. M-2018-3003734 \$0 \$0 \$0

Q4 2017

	As Filed			Updated Revenue Requirement - Q4 2018			Difference Reflected in CAL2019 SMC Rate			Totals	Updated Revenue Requirement - Q3 2019			Difference Reflected in CAL2020 SMC Rate			Totals
	Common Plant	Single Phase Meters	Poly Phase Meters	Common Plant	Single Phase Meters	Poly Phase Meters	Common Plant	Single Phase Meters	Poly Phase Meters		Common Plant	Single Phase Meters	Poly Phase Meters	Common Plant	Single Phase Meters	Poly Phase Meters	
Smart Meter Plant in Service	\$69,252,555	\$76,685,581	\$4,258,685	\$69,252,555	\$77,239,733	\$2,023,911	\$0	\$1,554,152	(\$2,234,774)	(\$680,622)	\$69,252,555	\$76,800,690	\$2,181,668	\$0	(\$431,044)	\$157,757	(\$273,287)
Less Accrued Depreciation	(\$13,883,410)	(\$7,119,525)	(\$161,618)	(\$13,883,410)	(\$7,204,560)	(\$60,349)	\$0	(\$85,035)	\$101,270	\$16,234	(\$13,883,410)	(\$7,067,577)	(\$65,537)	\$0	\$136,983	(\$5,189)	\$131,795
Less Accumulated Deferred Income Taxes	(\$15,949,600)	(\$16,385,922)	(\$1,033,542)	(\$15,949,600)	(\$16,833,647)	(\$501,456)	(\$64,109)	(\$450,125)	\$532,086	\$17,852	(\$15,949,600)	(\$16,747,899)	(\$538,206)	(\$11,624)	\$88,148	(\$36,750)	\$39,774
Net Plant	\$39,819,545	\$50,180,134	\$3,063,524	\$39,819,545	\$53,199,126	\$1,462,106	(\$64,109)	\$1,018,992	(\$1,601,418)	(\$646,535)	\$39,819,545	\$50,993,214	\$1,577,924	(\$11,624)	\$205,912	\$115,818	(\$101,719)
Weighted Rate of Return/4	2.72%	2.72%	2.72%	2.72%	2.72%	2.72%	0.00%	0.00%	0.00%	0.00%	2.72%	2.72%	2.72%	0.00%	0.00%	0.00%	0.00%
Return	\$1,081,180	\$1,362,491	\$83,181	\$1,079,440	\$1,390,159	\$39,699	(\$1,741)	\$27,668	(\$43,482)	(\$17,555)	\$1,079,440	\$1,384,568	\$44,844	(\$316)	(\$5,991)	\$3,145	(\$2,846)
Depreciation/4	\$1,731,314	\$1,261,426	\$70,978	\$1,731,314	\$1,287,329	\$33,732	\$0	\$25,903	(\$37,246)	(\$11,344)	\$1,731,314	\$1,280,145	\$36,361	\$0	(\$7,184)	\$2,629	(\$4,555)
Smart Meter Revenue Requirement (SMRR)	\$2,812,494	\$2,623,917	\$154,159	\$2,812,494	\$2,677,488	\$73,431	(\$1,741)	\$53,570	(\$80,728)	(\$28,898)	\$2,812,494	\$2,664,713	\$79,205	(\$316)	(\$12,775)	\$5,774	(\$7,317)

Check to filed 1307e, Docket No. M-2018-3003734 \$0 \$0 \$0

Note: Q4 2017 includes a 265A tax adjustment that is allocated based on percentage of total plant. This allocation method causes changes to all in-service buckets when any in-service plant dollars change

Q1 2018

	As Filed			Updated Revenue Requirement - Q4 2018			Difference Reflected in CAL2019 SMC Rate			Totals	Updated Revenue Requirement - Q3 2019			Difference Reflected in CAL2020 SMC Rate			Totals
	Common Plant	Single Phase Meters	Poly Phase Meters	Common Plant	Single Phase Meters	Poly Phase Meters	Common Plant										

Duquesne Light Company  
Smart Meter Cost Recovery Charge  
Prior Period Adjustment Calculation  
Tariff Rider No. 20  
Effective October 1, 2020

Q3 2018

	As Filed		
	Common	Single Phase	Poly Phase
	Plant	Meters	Meters
Smart Meter Plant in Service	\$69,548,105	\$95,495,171	\$4,356,297
Less Accrued Depreciation	(\$19,092,308)	(\$11,558,622)	(\$23,589)
Less Accumulated Deferred Income Taxes	(\$16,168,148)	(\$21,804,236)	(\$720,122)
Net Plant	\$34,287,649	\$62,132,313	\$3,412,587
Weighted Rate of Return/4	2.34%	2.34%	2.34%
Return	\$801,191	\$1,451,830	\$79,741
Depreciation/4	\$1,738,703	\$1,591,586	\$72,605
Smart Meter Revenue Requirement (SMRR)	\$2,539,894	\$3,043,416	\$152,346

Check to filed 1307s, Docket No. M-2019-3011883

(50) (50) (50)

**PERIOD NOT APPLICABLE**

Updated Revenue Requirement - Q3 2019			Difference Reflected in CAL2020 SMC Rate			Totals
Common	Single Phase	Poly Phase	Common	Single Phase	Poly Phase	
Plant	Meters	Meters	Plant	Meters	Meters	
\$69,548,105	\$95,029,719	\$4,527,304	\$0	(\$465,452)	\$171,007	(\$294,446)
(\$19,092,308)	(\$11,399,178)	(\$23,739)	\$0	\$159,444	(\$13,748)	\$145,704
(\$16,185,584)	(\$21,743,773)	(\$768,968)	(\$17,436)	\$60,463	(\$48,847)	(\$5,820)
\$34,270,212	\$61,886,768	\$3,521,007	(\$17,436)	(\$245,545)	\$108,420	(\$154,562)
2.34%	2.34%	2.34%	0.00%	0.00%	0.00%	0.00%
\$800,783	\$1,446,093	\$82,274	(\$407)	(\$5,738)	\$2,533	(\$3,612)
\$1,738,703	\$1,583,829	\$75,455	\$0	(\$7,758)	\$2,850	(\$4,907)
\$2,539,486	\$3,029,921	\$157,730	(\$407)	(\$13,495)	\$5,384	(\$8,519)

(A)

Q4 2018

	As Filed		
	Common	Single Phase	Poly Phase
	Plant	Meters	Meters
Smart Meter Plant in Service	\$69,941,547	\$101,554,469	\$5,171,327
Less Accrued Depreciation	(\$20,834,398)	(\$13,219,670)	(\$305,835)
Less Accumulated Deferred Income Taxes	(\$15,001,289)	(\$24,624,083)	(\$1,212,357)
Net Plant	\$34,105,860	\$63,710,735	\$3,653,135
Weighted Rate of Return/4	2.36%	2.36%	2.36%
Return	\$803,261	\$1,500,515	\$86,039
Depreciation/4	\$1,748,539	\$1,892,574	\$86,189
Smart Meter Revenue Requirement (SMRR)	\$2,551,800	\$3,193,090	\$172,227

Check to filed 1307s, Docket No. M-2019-3011883

(50) (50) (50)

**PERIOD NOT APPLICABLE**

Updated Revenue Requirement - Q3 2019			Difference Reflected in CAL2020 SMC Rate			Totals
Common	Single Phase	Poly Phase	Common	Single Phase	Poly Phase	
Plant	Meters	Meters	Plant	Meters	Meters	
\$69,941,547	\$101,105,435	\$5,343,667	\$0	(\$449,033)	\$172,340	(\$276,693)
(\$20,834,398)	(\$13,052,637)	(\$322,442)	\$0	\$167,033	(\$16,607)	\$150,426
(\$14,956,800)	(\$24,600,892)	(\$1,260,548)	\$44,489	\$23,371	(\$48,189)	\$19,871
\$34,150,349	\$63,452,106	\$3,760,679	\$44,489	(\$158,629)	\$107,544	(\$106,596)
2.36%	2.36%	2.36%	0.00%	0.00%	0.00%	0.00%
\$804,309	\$1,494,424	\$88,572	\$1,048	(\$6,091)	\$2,533	(\$2,511)
\$1,748,539	\$1,685,091	\$89,061	\$0	(\$7,484)	\$2,872	(\$4,612)
\$2,552,848	\$3,179,515	\$177,633	\$1,048	(\$13,575)	\$5,405	(\$7,122)

(A)

			Difference		Totals
			Common	Single Phase	Poly Phase
			Plant	Meters	Meters
Return	(\$490)	(\$203,790)	\$18,625		(\$185,655)
Depreciation/4	\$0	(\$169,503)	\$17,564		(\$151,939)
Smart Meter Revenue Requirement (SMRR)	(\$490)	(\$373,293)	\$36,189		(\$337,594)
meter counts (1)		576,022		21,891	
% of Total		96.4%		3.6%	
Change in Revenue Requirement	\$ (373,293)	\$ 36,189	\$ (337,104)		
Allocated Share of Common	\$ (472)	\$ (18)	\$ (490)		
Total Change in Revenue Requirement	\$ (373,765)	\$ 36,172	\$ (337,594)		
Interest, Exhibit 2, pages 4 & 5	\$ (88,472)	\$ 5,175	\$ (83,297)		
Total With Interest	\$ (462,238)	\$ 41,347	\$ (420,891)		
Annual Meter Counts		6,912,264		260,292	
Customer Impact - Charge/(Credit)	\$ (0.07)	\$ 0.16			
GRT		5.90%		5.90%	
Customer Impact w/ GRT - Charge/(Credit)	\$ (0.07)	\$ 0.17			

(1) Meter counts reflect average 2019 reconciliation period meter counts

Duquesne Light Company  
Smart Meter Cost Recovery Charge  
Prior Period Adjustment Calculation  
Tariff Rider No. 20  
Effective October 1, 2020

	<u>Single</u>	<u>Common Allocated</u>	<u>Total</u>	<u>Interest Rate</u>	<u>Weighting</u>	<u>Interest</u>
Jan-15	(5,467)	-	(5,467)	6%	5.50	(1,804)
Feb-15	(5,467)	-	(5,467)	6%	5.42	(1,777)
Mar-15	(5,467)	-	(5,467)	6%	5.33	(1,749)
Apr-15	(18,211)	-	(18,211)	6%	5.25	(5,737)
May-15	(18,211)	-	(18,211)	6%	5.17	(5,646)
Jun-15	(18,211)	-	(18,211)	6%	5.08	(5,554)
Jul-15	(15,742)	-	(15,742)	6%	5.00	(4,722)
Aug-15	(15,742)	-	(15,742)	6%	4.92	(4,644)
Sep-15	(15,742)	-	(15,742)	6%	4.83	(4,565)
Oct-15	(7,612)	-	(7,612)	6%	4.75	(2,169)
Nov-15	(7,612)	-	(7,612)	6%	4.67	(2,131)
Dec-15	(7,612)	-	(7,612)	6%	4.58	(2,093)
Jan-16	(6,708)	-	(6,708)	6%	4.50	(1,811)
Feb-16	(6,708)	-	(6,708)	6%	4.42	(1,778)
Mar-16	(6,708)	-	(6,708)	6%	4.33	(1,744)
Apr-16	(10,572)	-	(10,572)	6%	4.25	(2,696)
May-16	(10,572)	-	(10,572)	6%	4.17	(2,643)
Jun-16	(10,572)	-	(10,572)	6%	4.08	(2,590)
Jul-16	(9,361)	-	(9,361)	6%	4.00	(2,247)
Aug-16	(9,361)	-	(9,361)	6%	3.92	(2,200)
Sep-16	(9,361)	-	(9,361)	6%	3.83	(2,153)
Oct-16	(8,851)	-	(8,851)	6%	3.75	(1,991)
Nov-16	(8,851)	-	(8,851)	6%	3.67	(1,947)
Dec-16	(8,851)	-	(8,851)	6%	3.58	(1,903)
Jan-17	(8,352)	-	(8,352)	6%	3.50	(1,754)
Feb-17	(8,352)	-	(8,352)	6%	3.42	(1,712)
Mar-17	(8,352)	-	(8,352)	6%	3.33	(1,670)
Apr-17	(7,253)	-	(7,253)	6%	3.25	(1,414)
May-17	(7,253)	-	(7,253)	6%	3.17	(1,378)
Jun-17	(7,253)	-	(7,253)	6%	3.08	(1,342)
Jul-17	(4,393)	-	(4,393)	6%	3.00	(791)
Aug-17	(4,393)	-	(4,393)	6%	2.92	(769)
Sep-17	(4,393)	-	(4,393)	6%	2.83	(747)
Oct-17	(4,258)	(101)	(4,360)	6%	2.75	(719)
Nov-17	(4,258)	(101)	(4,360)	6%	2.67	(698)
Dec-17	(4,258)	(101)	(4,360)	6%	2.58	(676)
Jan-18	(4,026)	(131)	(4,157)	6%	2.50	(624)
Feb-18	(4,026)	(131)	(4,157)	6%	2.42	(603)
Mar-18	(4,026)	(131)	(4,157)	6%	2.33	(582)
Apr-18	(4,602)	(131)	(4,733)	6%	2.25	(639)
May-18	(4,602)	(131)	(4,733)	6%	2.17	(615)
Jun-18	(4,602)	(131)	(4,733)	6%	2.08	(592)
Jul-18	(4,498)	(131)	(4,629)	6%	2.00	(556)
Aug-18	(4,498)	(131)	(4,629)	6%	1.92	(532)
Sep-18	(4,498)	(131)	(4,629)	6%	1.83	(509)
Oct-18	(4,525)	337	(4,188)	6%	1.75	(440)
Nov-18	(4,525)	337	(4,188)	6%	1.67	(419)
Dec-18	(4,525)	337	(4,188)	6%	1.58	(398)
	<u>(373,293)</u>	<u>(472)</u>	<u>(373,765)</u>			<u>(88,472)</u>

Duquesne Light Company  
Smart Meter Cost Recovery Charge  
Prior Period Adjustment Calculation  
Tariff Rider No. 20  
Effective October 1, 2020

	<u>Poly</u>	<u>Common Allocated</u>	<u>Total</u>	<u>Interest Rate</u>	<u>Weighting</u>	<u>Interest</u>
Jan-15	-	-	-	6%	5.50	-
Feb-15	-	-	-	6%	5.42	-
Mar-15	-	-	-	6%	5.33	-
Apr-15	-	-	-	6%	5.25	-
May-15	-	-	-	6%	5.17	-
Jun-15	-	-	-	6%	5.08	-
Jul-15	-	-	-	6%	5.00	-
Aug-15	-	-	-	6%	4.92	-
Sep-15	-	-	-	6%	4.83	-
Oct-15	-	-	-	6%	4.75	-
Nov-15	-	-	-	6%	4.67	-
Dec-15	-	-	-	6%	4.58	-
Jan-16	-	-	-	6%	4.50	-
Feb-16	-	-	-	6%	4.42	-
Mar-16	-	-	-	6%	4.33	-
Apr-16	-	-	-	6%	4.25	-
May-16	-	-	-	6%	4.17	-
Jun-16	-	-	-	6%	4.08	-
Jul-16	59	-	59	6%	4.00	14
Aug-16	59	-	59	6%	3.92	14
Sep-16	59	-	59	6%	3.83	13
Oct-16	108	-	108	6%	3.75	24
Nov-16	108	-	108	6%	3.67	24
Dec-16	108	-	108	6%	3.58	23
Jan-17	121	-	121	6%	3.50	26
Feb-17	121	-	121	6%	3.42	25
Mar-17	121	-	121	6%	3.33	24
Apr-17	965	-	965	6%	3.25	188
May-17	965	-	965	6%	3.17	183
Jun-17	965	-	965	6%	3.08	179
Jul-17	1,566	-	1,566	6%	3.00	282
Aug-17	1,566	-	1,566	6%	2.92	274
Sep-17	1,566	-	1,566	6%	2.83	266
Oct-17	1,925	(4)	1,921	6%	2.75	317
Nov-17	1,925	(4)	1,921	6%	2.67	307
Dec-17	1,925	(4)	1,921	6%	2.58	298
Jan-18	1,865	(5)	1,860	6%	2.50	279
Feb-18	1,865	(5)	1,860	6%	2.42	270
Mar-18	1,865	(5)	1,860	6%	2.33	260
Apr-18	1,858	(5)	1,853	6%	2.25	250
May-18	1,858	(5)	1,853	6%	2.17	241
Jun-18	1,858	(5)	1,853	6%	2.08	232
Jul-18	1,795	(5)	1,790	6%	2.00	215
Aug-18	1,795	(5)	1,790	6%	1.92	206
Sep-18	1,795	(5)	1,790	6%	1.83	197
Oct-18	1,802	13	1,814	6%	1.75	191
Nov-18	1,802	13	1,814	6%	1.67	181
Dec-18	1,802	13	1,814	6%	1.58	172
	36,189	(18)	36,172			5,175