

Kimberly A. Klock
Senior Counsel

PPL
Two North Ninth Street
Allentown, PA 18101-1179
Tel. 610.774.5696 Fax 610.774.4102
KKlock@pplweb.com



E-File

March 20, 2020

Rosemary Chiavetta, Secretary
Pennsylvania Public Utility Commission
Commonwealth Keystone Building
400 North Street
Harrisburg, PA 17120

**Re: PPL Electric Utilities Corporation
Calculation and Supplement No. 292 to Tariff
Electric PA. P.U.C. No. 201 for the Smart Meter Rider – Phase 2
Docket No.**

Dear Ms. Chiavetta:

Enclosed for filing on behalf of PPL Electric Utilities Corporation (“PPL Electric”) is the Calculation and Supplement No. 292 to PPL Electric’s Tariff – Electric Pa. P.U.C. No. 201 for the Smart Meter Rider-Phase 2 (“SMR 2”). This calculation of the SMR 2 for the period beginning April 1, 2020 through June 30, 2020 is being filed pursuant to the procedures set forth in PPL Electric’s Tariff - Electric Pa. P.U.C. No. 201.

Pursuant to 52 Pa. Code § 1.11, the enclosed document is to be deemed filed on March 20, 2020, which is the date it was submitted electronically via the Commission’s E-Filing system.

If you have any questions regarding the enclosed filing, please call me or Scott R. Koch, PPL Electric’s Regulatory Operations Supervisor at (610) 774-2070.

Very truly yours,

Kimberly A. Klock

Enclosures

Cc: Tanya J. McCloskey, Esquire - Email
Richard Kanaskie, Esquire - Email
Mr. John R. Evans - Email
Ms. Lori Burger - Email

PPL ELECTRIC UTILITIES CORPORATION

**CALCULATION OF
Smart Meter Rider Phase 2**

**For the Application Period
April 1, 2020 through June 30, 2020**

Docket No.

March 20, 2020

PPL ELECTRIC UTILITIES CORPORATION
 SCHEDULE 1 - COMPUTATION OF CUMULATIVE PROPOSED SMART METER RIDER PHASE 2
 APPLICATION PERIOD: April 1, 2020 through June 30, 2020

Line No.		Total	Residential	Small C&I	Large C&I
	Smart Meter Rider Phase 2 Charge				
1	Applicable Plant (Schedule 2, Line 2, Column R)	\$409,324,409	\$306,256,523	\$89,437,383	\$13,630,503
	Less:				
2	Accumulated Depreciation (Schedule 2, Line 3, Column R)	\$105,610,893	\$79,018,070	\$23,075,980	\$3,516,843
3	Retirements (Schedule 2, Line 4, Column R)	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>
	SMR 2 =Smart Meter Rider Phase 2 Projects net of accumulated depreciation and retirements (Line 1 - Line 2 + Line 3)	\$303,713,516	\$227,238,453	\$66,361,403	\$10,113,660
	Less:				
5	Accumulated Deferred Income Taxes	(\$30,636,211)	(\$22,922,013)	(\$6,694,012)	(\$1,020,186)
6	Smart Meter Rider Phase 2 Rate Base (Line 4 + Line 5)	<u>\$273,077,305</u>	<u>\$204,316,440</u>	<u>\$59,667,391</u>	<u>\$9,093,474</u>
	Return on Investment applicable to SMR 2-eligible property (Schedule 3, Line 4)	1.80% 4,915,391	3,677,696	1,074,013	163,683
8	Income Taxes	29.34% 1,442,415	1,079,215	315,168	48,032
9	Operating Expenses (Schedule 5, Line 3, Column L, O, & P)	2,562,819	1,917,501	559,976	85,342
10	Cost Savings (Schedule 6, Line 9, Column L, O, & P)	(1,061,209)	(793,997)	(231,874)	(35,338)
11	State Flow-Through + Excess Deferred Taxes	(139,306)	(104,229)	(30,438)	(4,639)
12	Dep = Depreciation Expense (Schedule 2, Line 6, Column L, O, & P)	12,581,185	9,413,243	2,748,989	418,953
	E=Experienced Net Over/(Under)				
13	Collections, excluding Interest (A)	180,784	121,595	44,241	14,948
	Net Amount to be Recovered (includes Over/(Under) Collection) (w/o GRT)	<u>\$20,120,511</u>	<u>\$15,067,834</u>	<u>\$4,391,593</u>	<u>\$661,085</u>
	(Line 7 + Line 8 + Line 9 + Line 10 + Line 11 + Line 12 - Line 13)				
	Net Amount to be Recovered (includes Over/(Under) Collection) (w/ GRT)	<u>\$21,382,047</u>	<u>\$16,012,572</u>	<u>\$4,666,941</u>	<u>\$702,534</u>
	(Line 14 x Note 1)				
16	Number of Customer Bills per Quarter		3,823,337	545,861	3,973
17	Rate (\$/customer) w/o GRT (Line 14 / Line 16)		<u>\$3.94</u>	<u>\$8.05</u>	<u>\$166.39</u>
18	Rate (\$/customer) w/ GRT (Line 15 / Line 16)		<u>\$4.19</u>	<u>\$8.55</u>	<u>\$176.83</u>
	Note 1:				
	$\frac{1}{(1 - T)}$ = (T = 5.9% Gross Receipts Tax)	1.062699			

(A) Includes SMR 2 Reconciliation filed on 01/30/2020 at Docket Number M-2020-3017807.

PPL ELECTRIC UTILITIES CORPORATION
SCHEDULE 2 - COMPUTATION OF CUMULATIVE SMART METER RIDER PHASE 2 PLANT DATA by MONTH
APPLICATION PERIOD: April 1, 2020 through June 30, 2020

Line No.		(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
		Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19
1	Incremental Plant Additions (Schedule 4)	\$5,856,237	\$4,403,039	\$8,503,554	\$4,562,625	\$3,390,966	\$6,710,709	\$5,826,995	\$5,902,810	\$6,410,191
2	Cumulative Plant (Sum of Line 1) Less:	352,929,157	357,332,196	365,835,750	370,398,375	373,789,341	380,500,050	386,327,045	392,229,855	398,640,046
3	Accumulated Depreciation (Sum of Line 6)	62,741,600	66,071,033	69,342,640	72,851,410	76,412,505	78,897,956	82,620,943	86,422,023	87,558,561
4	Retirements (Schedule 4)	-	-	-	-	-	-	-	-	-
5	SMR 2 = Smart Rider Meter Phase 2 Projects net of accumulated depreciation and retirements (Line 2 - Line 3 + Line 4) *	290,187,557	291,261,163	296,493,110	297,546,964	297,376,835	301,602,094	303,706,102	305,807,832	311,081,485
6	Dep = Depreciation Expense (Schedule 4)	3,272,728	3,329,433	3,271,607	3,508,771	3,561,095	2,485,451	3,722,987	3,801,080	3,908,233

* May not foot due to rounding.

¹ Cost of removal for Mar and Jun of 2019 was added back in Nov of 2019.

PPL ELECTRIC UTILITIES CORPORATION
 SCHEDULE 2 - COMPUTATION OF CUMULATIVE SMART METER RIDER PHASE 2 PLANT DATA by MONTH
 APPLICATION PERIOD: April 1, 2020 through June 30, 2020

	(J)	(K)	(L)	(M)	(N)	(O)	(P)	(Q)	(R)
Line No.	Oct-19	Nov-19	Dec-19	Total 2019	Total Thru 2019	Jan-20	Feb-20	Total 2020	Total Thru 2020
1	\$1,264,369	\$1,199,902	\$2,360,558	\$56,391,956	\$403,464,875	\$5,102,311	\$757,223	\$5,859,534	\$409,324,409
2	399,904,415	401,104,317	403,464,875	56,391,956	\$403,464,875	408,567,186	409,324,409	5,859,534	\$409,324,409
3	91,508,146	95,494,459	97,118,211	37,649,340	\$97,118,211	101,348,171	105,610,893	8,492,681	\$105,610,893
4	-	-	-	-	-	-	-	-	-
5	308,396,270	305,609,858	306,346,664	\$18,742,616	\$306,346,664	307,219,016	303,713,516	(2,633,148)	303,713,516
6	3,949,584	5,289,300	4,088,582	44,188,850	\$103,657,722	4,229,881	4,262,722 ¹		

* May not foot due to rounding.

¹ Cost of removal for Mar and Jun of 2019 was added back in Nov of 2019.

PPL ELECTRIC UTILITIES CORPORATION
 SCHEDULE 3 - COMPUTATION OF PROPOSED SMART METER RIDER PHASE 2 RATE OF RETURN
APPLICATION PERIOD: April 1, 2020 through June 30, 2020

Line No.	(A) Description	(B) Capitalization Ratio	(C) Embedded Cost	(D) Rate of Return
1	Long-Term Debt	44.95%	4.44%	2.00%
2	Common Equity	55.05%	9.45%	5.20%
3	Total	<u>100.00%</u>		<u>7.20%</u>
4	7.20% Annual PTRR / 4 quarters = 1.80% Quarterly PTRR			

B - SMIP Summary Dec 19

PPL ELECTRIC UTILITIES CORPORATION
 SCHEDULE 4 - COMPUTATION OF CUMULATIVE PROPOSED SMART METER RIDER PHASE 2
 PLANT AND RESERVE ACTIVITY

From Date: 12/1/2019	Gross Plant Total	\$403,464,875.21	MTD Depr Exp	\$4,085,761.67
To Date 12/31/2019	Gross Reserve Total	\$97,118,211.47		
	Net Plant Total	\$306,346,663.74		

Plant Activity

Depreciation Group	Beginning Plant Balance	Additions	Retirements	Transfers To	Transfers From	Adjustments	Ending Plant Balance
303.6 - RF Mesh AMR Software	\$93,132,496.30	\$1,920,660.69	\$0.00	\$0.00	\$0.00	\$0.00	\$95,053,156.99
362.1 - Station Equipment-RF Mesh	\$10,249,009.03	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$10,249,009.03
365.1 - Overhead Conductors-RF Mesh	\$1,526,322.28	\$80,836.43	\$0.00	\$0.00	\$0.00	\$0.00	\$1,607,158.71
370.5 - RF Mesh AMRs	\$269,869,815.86	\$317,098.82	\$0.00	\$0.00	\$0.00	\$0.00	\$270,186,914.68
391.1 - RF Mesh AMR Comp Equip	\$26,326,673.66	\$41,962.14	\$0.00	\$0.00	\$0.00	\$0.00	\$26,368,635.80
Total Assets	\$401,104,317.13	\$2,360,558.08	\$0.00	\$0.00	\$0.00	\$0.00	\$403,464,875.21

Reserve Activity

Depreciation Group	Beginning Reserve Balance	Depreciation Expense	Cost of Removal Incurred	Cost of Removal Expense	Retirements	Transfers / Adjustments	Ending Reserve Balance
303.6 - RF Mesh AMR Software	\$52,376,939.65	\$2,127,960.85	\$0.00	\$0.00	\$0.00	\$0.00	\$54,504,900.50
362.1 - Station Equipment-RF Mesh	\$365,784.44	\$15,977.44	\$0.00	\$0.00	\$0.00	\$0.00	\$381,761.88
365.1 - Overhead Conductors-RF Mesh	\$53,195.96	\$2,538.14	\$0.00	\$0.00	\$0.00	\$0.00	\$55,734.10
370.5 - RF Mesh AMRs	\$30,199,565.77	\$1,500,157.66	-\$2,464,829.95	\$2,820.45	\$0.00	\$0.00	\$29,237,713.93
391.1 - RF Mesh AMR Comp Equip	\$12,498,973.48	\$439,127.58	\$0.00	\$0.00	\$0.00	\$0.00	\$12,938,101.06
Total Reserve	\$95,494,459.30	\$4,085,761.67	-\$2,464,829.95	\$2,820.45	\$0.00	\$0.00	\$97,118,211.47

B - SMIP Summary Jan 20

PPL ELECTRIC UTILITIES CORPORATION
 SCHEDULE 4 - COMPUTATION OF CUMULATIVE PROPOSED SMART METER RIDER PHASE 2
 PLANT AND RESERVE ACTIVITY

From Date: 1/1/2020	Gross Plant Total	\$408,567,186.33	MTD Depr Exp	\$4,118,068.55
To Date 1/31/2020	Gross Reserve Total	\$101,348,170.71		
	Net Plant Total	\$307,219,015.62		

Plant Activity

Depreciation Group	Beginning Plant Balance	Additions	Retirements	Transfers To	Transfers From	Adjustments	Ending Plant Balance
303.6 - RF Mesh AMR Software	\$95,053,156.99	\$434,726.94	\$0.00	\$0.00	\$0.00	\$0.00	\$95,487,883.93
362.1 - Station Equipment-RF Mesh	\$10,249,009.03	-\$27,526.67	\$0.00	\$0.00	\$0.00	\$0.00	\$10,221,482.36
365.1 - Overhead Conductors-RF Mesh	\$1,607,158.71	\$89,367.45	\$0.00	\$0.00	\$0.00	\$0.00	\$1,696,526.16
370.5 - RF Mesh AMRs	\$270,186,914.68	\$4,187,745.94	\$0.00	\$0.00	\$0.00	\$0.00	\$274,374,660.62
391.1 - RF Mesh AMR Comp Equip	\$26,368,635.80	\$417,997.46	\$0.00	\$0.00	\$0.00	\$0.00	\$26,786,633.26
Total Assets	\$403,464,875.21	\$5,102,311.12	\$0.00	\$0.00	\$0.00	\$0.00	\$408,567,186.33

Reserve Activity

Depreciation Group	Beginning Reserve Balance	Depreciation Expense	Cost of Removal Incurred	Cost of Removal Expense	Retirements	Transfers / Adjustments	Ending Reserve Balance
303.6 - RF Mesh AMR Software	\$54,504,900.50	\$2,143,830.89	\$0.00	\$0.00	\$0.00	\$0.00	\$56,648,731.39
362.1 - Station Equipment-RF Mesh	\$381,761.88	\$15,929.36	\$0.00	\$0.00	\$0.00	\$0.00	\$397,691.24
365.1 - Overhead Conductors-RF Mesh	\$55,734.10	\$2,676.60	\$0.00	\$0.00	\$0.00	\$0.00	\$58,410.70
370.5 - RF Mesh AMRs	\$29,237,792.34	\$1,512,671.12	\$0.00	\$111,812.28	\$0.00	\$0.00	\$30,862,275.74
391.1 - RF Mesh AMR Comp Equip	\$12,938,101.06	\$442,960.58	\$0.00	\$0.00	\$0.00	\$0.00	\$13,381,061.64
Total Reserve	\$97,118,289.88	\$4,118,068.55	\$0.00	\$111,812.28	\$0.00	\$0.00	\$101,348,170.71

B - SMIP Summary Feb 20

PPL ELECTRIC UTILITIES CORPORATION
 SCHEDULE 4 - COMPUTATION OF CUMULATIVE PROPOSED SMART METER RIDER PHASE 2
 PLANT AND RESERVE ACTIVITY

From Date: 2/1/2020	Gross Plant Total	\$409,324,409.07	MTD Depr Exp	\$4,150,909.91
To Date 2/29/2020	Gross Reserve Total	\$105,610,892.90		
	Net Plant Total	\$303,713,516.17		

Plant Activity

Depreciation Group	Beginning Plant Balance	Additions	Retirements	Transfers To	Transfers From	Adjustments	Ending Plant Balance
303.6 - RF Mesh AMR Software	\$95,487,883.93	\$282,066.88	\$0.00	\$0.00	\$0.00	\$0.00	\$95,769,950.81
362.1 - Station Equipment-RF Mesh	\$10,221,482.36	\$2,985.20	\$0.00	\$0.00	\$0.00	\$0.00	\$10,224,467.56
365.1 - Overhead Conductors-RF Mesh	\$1,696,526.16	-\$28.25	\$0.00	\$0.00	\$0.00	\$0.00	\$1,696,497.91
370.5 - RF Mesh AMRs	\$274,374,660.62	\$188,742.94	\$0.00	\$0.00	\$0.00	\$0.00	\$274,563,403.56
391.1 - RF Mesh AMR Comp Equip	\$26,786,633.26	\$283,455.97	\$0.00	\$0.00	\$0.00	\$0.00	\$27,070,089.23
Total Assets	\$408,567,186.33	\$757,222.74	\$0.00	\$0.00	\$0.00	\$0.00	\$409,324,409.07

Reserve Activity

Depreciation Group	Beginning Reserve Balance	Depreciation Expense	Cost of Removal Incurred	Cost of Removal Expense	Retirements	Transfers / Adjustments	Ending Reserve Balance
303.6 - RF Mesh AMR Software	\$56,648,731.39	\$2,158,645.07	\$0.00	\$0.00	\$0.00	\$0.00	\$58,807,376.46
362.1 - Station Equipment-RF Mesh	\$397,691.24	\$15,883.77	\$0.00	\$0.00	\$0.00	\$0.00	\$413,575.01
365.1 - Overhead Conductors-RF Mesh	\$58,410.70	\$2,747.02	\$0.00	\$0.00	\$0.00	\$0.00	\$61,157.72
370.5 - RF Mesh AMRs	\$30,862,275.74	\$1,524,828.03	\$0.00	\$111,812.28	\$0.00	\$0.00	\$32,498,916.05
391.1 - RF Mesh AMR Comp Equip	\$13,381,061.64	\$448,806.02	\$0.00	\$0.00	\$0.00	\$0.00	\$13,829,867.66
Total Reserve	\$101,348,170.71	\$4,150,909.91	\$0.00	\$111,812.28	\$0.00	\$0.00	\$105,610,892.90

PPL ELECTRIC UTILITIES CORPORATION
 SCHEDULE 5 - COMPUTATION OF PROPOSED SMART METER RIDER PHASE 2 OPERATING EXPENSES by MONTH
 APPLICATION PERIOD: April 1, 2020 through June 30, 2020

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
<u>Line No.</u>	<u>Jan-19</u>	<u>Feb-19</u>	<u>Mar-19</u>	<u>Apr-19</u>	<u>May-19</u>	<u>Jun-19</u>	<u>Jul-19</u>	<u>Aug-19</u>	<u>Sep-19</u>
1 Deferred Operating Expenses	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2 Operating Expenses	\$534,790	\$277,932	\$669,106	\$609,793	\$554,062	\$622,830	\$680,842	\$456,710	\$265,165
3 Total Operating Expenses (Line 1 + Line 2)	\$534,790	\$277,932	\$669,106	\$609,793	\$554,062	\$622,830	\$680,842	\$456,710	\$265,165

PPL ELECTRIC UTILITIES CORPORATION
 SCHEDULE 5 - COMPUTATION OF PROPOSED SMART METER RIDER PHASE 2 OPERATING EXPENSES by MONTH
 APPLICATION PERIOD: April 1, 2020 through June 30, 2020

	(J)	(K)	(L)	(M)	(N)	(O)	(P)	(Q)	(R)
<u>Line No.</u>	<u>Oct-19</u>	<u>Nov-19</u>	<u>Dec-19</u>	<u>Total 2019</u>	<u>Total Thru 2019</u>	<u>Jan-20</u>	<u>Feb-20</u>	<u>Total 2020</u>	<u>Total Thru 2020</u>
1 Deferred Operating Expenses	\$0	\$0	\$0	\$0	\$2,288,725	\$0	\$0	\$0	\$2,288,725
2 Operating Expenses	\$237,001	\$257,410	\$613,364	\$5,779,006	\$26,255,884	\$1,454,682	\$494,773	\$1,949,454	\$22,426,332
3 Total Operating Expenses (Line 1 + Line 2)	\$237,001	\$257,410	\$613,364	\$5,779,006	\$28,544,609	\$1,454,682	\$494,773	\$1,949,454	\$24,715,057

PPL ELECTRIC UTILITIES CORPORATION
 SCHEDULE 6 - COMPUTATION OF PROPOSED SMART METER RIDER PHASE 2 COST SAVINGS by MONTH
 APPLICATION PERIOD: April 1, 2020 through June 30, 2020

Line No.	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19
1	Meter Reading	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2	Meter Services	106,449	88,799	118,564	211,154	271,085	243,144	246,918	262,442
3	Back Office	0	0	0	0	0	0	0	0
4	Contact Center	0	0	0	0	0	0	0	0
5	Theft Reduction	0	0	0	0	0	0	0	0
6	Revenue Enhancement	0	0	0	0	0	0	0	0
7	Avoided Capital Costs	0	0	0	0	0	0	0	0
8	Distribution Operations	0	0	0	0	0	0	0	0
9	Total Cost Savings (Line 1 through Line 8)	\$106,449	\$88,799	\$118,564	\$211,154	\$271,085	\$243,144	\$246,918	\$262,442

a This includes \$489,342.08 of missing Meter Failure dollars from Jul 2018 through Nov 2019 (plus interest of \$29,499.64).

PPL ELECTRIC UTILITIES CORPORATION
 SCHEDULE 6 - COMPUTATION OF PROPOSED SMART METER RIDER PHASE 2 COST SAVINGS by MONTH
 APPLICATION PERIOD: April 1, 2020 through June 30, 2020

Line No.	(J)	(K)	(L)	(M)	(N)	(O)	(P)	(Q)	(R)
	Oct-19	Nov-19	Dec-19	Total 2019	Total Thru 2019	Jan-20	Feb-20	Total 2020	Total Thru 2020
1 Meter Reading	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2 Meter Services	275,072	221,495	701,288 a	2,986,328	4,837,651	181,127	178,795	359,922	5,197,573
3 Back Office	0	0	0	0	0	0	0	0	0
4 Contact Center	0	0	0	0	0	0	0	0	0
5 Theft Reduction	0	0	0	0	0	0	0	0	0
6 Revenue Enhancement	0	0	0	0	0	0	0	0	0
7 Avoided Capital Costs	0	0	0	0	0	0	0	0	0
8 Distribution Operations	0	0	0	0	0	0	0	0	0
9 Total Cost Savings (Line 1 through Line 8)	<u>\$275,072</u>	<u>\$221,495</u>	<u>\$701,288</u>	<u>\$2,986,328</u>	<u>\$4,837,651</u>	<u>\$181,127</u>	<u>\$178,795</u>	<u>\$359,922</u>	<u>\$5,197,573</u>

a This includes \$489,342.08 of missing Meter Failure dollars from Jul 2018 through Nov 2019 (plus interest of \$29,499.64).



PPL Electric Utilities Corporation

GENERAL TARIFF

RULES AND RATE SCHEDULES FOR ELECTRIC SERVICE

In the territory listed on pages 4, 4A, and 4B
and in the adjacent territory served.

ISSUED: March 20, 2020

EFFECTIVE: April 1, 2020

GREGORY N. DUDKIN, PRESIDENT

Two North Ninth Street
Allentown, PA 18101-1179

NOTICE

THIS TARIFF MAKES CHANGES (C) IN EXISTING RATES. SEE PAGE TWO.

LIST OF CHANGES MADE BY THIS SUPPLEMENT

CHANGES:

Smart Meter Rider – Phase 2 (SMR 2)
Page No. 19Z.14C

The charges under the SMR 2 are set forth for the period April 1, 2020 through June 30, 2020.

Rate Schedules RS, RTS(R), GS-1, and
GS-3
Page Nos. 20, 21, 24A, and 25A

Under Net Monthly Rate, the Distribution Charge, effective April 1, 2020, is revised in accordance with the SMR 2 changes.

TABLE OF CONTENTS

	<u>Page</u>	<u>Revision</u>
Table of Contents -----	3	Two-Hundred-Sixty-Eighth
	3A	One-Hundred-Thirty-Seventh
	3B	One-Hundred-Forty-Eighth
	3C	Fortieth
Territory Covered by This Tariff -----	4	Fourth
	4A	Fifth
	4B	Fourth
RULES FOR ELECTRIC SERVICE		
1 - Electric Service Tariff -----	5	Sixth
	5A	Sixth
2 - Requirements for Service -----	6	Fourth
	6A	Ninth
	6B	Fifth
3 - Extension of Service -----	7	Sixth
	7A	Sixth
	7B	Ninth
4 - Supply of Service -----	8	Tenth
	8A	Tenth
	8B	Fourth
	8C	Fourth
	8D	Fourth
	8E	Third
5 - Use of Service -----	9	Fourth
	9A	Fifth
	9B	Original
6 - Auxiliary Service For Non-Qualifying Facilities -----	10	Seventh
6A - Standby Service for Qualifying Facilities -----	10B	Fifth
	10C	Eighth
	10D	Twenty-Third
	10E	Twenty-Fourth
7 - Temporary Service -----	11	Eighth
8 - Measurement of Service -----	12	Sixth
	12A	Second
9 - Billing and Payment for Service -----	13	Sixth
	13A	Eighth
	13B	Seventh
10 - Disconnection and Reconnection of Service -----	14	Fourth
	14A	Fourteenth
11 - Net Service for Generation Facilities -----	14B	Fourth
	14C	Original
RIDERS, SURCHARGE, OPTION, AND CHARGES		
Rider Matrix -----	14D	Fifteenth
State Tax Adjustment Charge -----	16	Thirty-Seventh
Emergency Energy Conservation Rider -----	17	Fifth
	17A	Third
Universal Service Rider -----	18	Eighteenth

(Continued)

TABLE OF CONTENTS (CONTINUED)

	<u>Page</u>	<u>Revision</u>
RIDERS, SURCHARGE, OPTION, AND CHARGES (Continued)		
Smart Meter Rider – Phase 2 -----	19Z.14A 19Z.14B 19Z.14C	Original Fourth Eighteenth
Competitive Enhancement Rider -----	19Z.15	Ninth
Distribution System Improvement Charge -----	19Z.16 19Z.17 19Z.18 19Z.19 19Z.19A	Thirtieth Fourth Second Fourth Original
Storm Damage Expense Rider -----	19Z.20 19Z.21 19Z.22 19Z.23 19Z.24 19Z.25	Fourth Fifth Sixth Sixth Fifth Tenth
Tax Cuts and Jobs Act Temporary Surcharge -----	19Z.26	Second
RATE SCHEDULES - GENERAL		
RS - Residential Service -----	20 20A 20B	Eighty-Six Twenty-Second Twenty-First
RTS(R) - Residential Service - Thermal Storage -----	21 21A	Eighty-Seventh Twenty-First
GS-1 - Small General Service - Sec. Voltage -----	24 24A 24B	Twenty-Eighth Eighty-First Twenty-Third
GS-3 - Large General Service - Sec. Voltage -----	25 25A 25B	Twenty-Seventh Seventy-Seventh Twenty-Fourth
LP-4- Large General Service - 12 KV -----	27 27A	Twenty-Fifth Seventeenth
LP-5- Large General Service - 69 KV or Higher -----	28 28A	Twenty-Fifth Fifteenth
LPEP - Power Service to Electric Propulsion -----	29 29A	Twenty-Sixth Eighteenth
IS-1(R) - Interruptible Service - Greenhouses- Page Intentionally Left Blank ----- Page Intentionally Left Blank- -----	30 30.1	Twenty-Second Nineteenth

(Continued)

SMART METER RIDER - PHASE 2 (CONTINUED)

SMART METER RIDER - PHASE 2 CHARGES

Charges under the SMR 2 for the period April 1, 2020 through June 30, 2020, as set forth **(C)** in the applicable Rate Schedules.

Customer Class	Large C&I	Small C&I	Residential
Rate Schedule / Charge	LP-4, LP-5, LPEP, and L5S	GS-1, GS-3, BL, and GH-2 (R)	RS and RTS (R)
	\$176.83/Bill (I)	\$8.55/Bill (I)	\$4.19/Bill (I)

**RATE SCHEDULE RS
RESIDENTIAL SERVICE**

(C)

APPLICATION RATE SCHEDULE RS

This Rate Schedule is for single phase residential service in accordance with the APPLICATION PROVISIONS hereof. The Multiple Dwelling Unit Application is restricted to eight or less dwelling units for applications after August 26, 1976, and further to buildings converted to multiple dwelling units for applications after June 28, 1980. Separate Water Heating Service is available only to service locations served under this application on and continuously after April 26, 1985.

NET MONTHLY RATE

Distribution Charge
Effective: April 1, 2020

(C)

\$18.27 per month (Customer Charge, includes SMR2 and CER) plus
4.450 cents per KWH (Includes ACR 3, USR, and SDER)

(I)

Transmission Service Charge

The Transmission Service Charge included in this Tariff applies to all KW and kWh billed under this Rate Schedule.

Generation Supply Charge -1

The Generation Supply Charge -1 included in this tariff applies to all KWH billed under this rate Schedule.

MINIMUM CHARGE

The Minimum Distribution Charge is the Customer Charge.

BUDGET BILLING

Budget Billing is available at the option of the customer for charges under this Rate Schedule.

MULTIPLE DWELLING UNIT APPLICATION

When multiple dwelling units are supplied through one meter, the per day charge and the KWH block charges of the Distribution Charge rate, plus for customers who receive Basic Utility Supply Service from the Company, Generation Supply Charge-1 rates are multiplied by the number of dwelling units in the determination of the net monthly bill under this Rate Schedule. Demand billing does not apply under this provision.

(Continued)

RATE SCHEDULE RTS (R)

(C)

RESIDENTIAL SERVICE - THERMAL STORAGE

Applications for service under this Rate Schedule for new service locations will be accepted only until December 31, 1995. Service will be provided to existing service locations supplied hereunder through the life of the existing thermal storage units.

APPLICATION RATE SCHEDULE RTS (R)

This Rate Schedule is for single phase residential service in accordance with load management capabilities in accordance with the APPLICATION PROVISIONS hereof.

NET MONTHLY RATE

Distribution Charge

Effective: April 1, 2020

(C)

\$22.24 per month (Customer Charge, includes SMR 2 and CER) plus
3.283 cents per KWH (Includes ACR 3, USR, and SDER)

(I)

Transmission Service Charge

The Transmission Service Charge included in this Tariff applies to all KW and KWH billed under this Rate Schedule.

Generation Supply Charge -1

The Generation Supply Charge -1 included in this Tariff applies to all KWH billed under this Rate Schedule.

MINIMUM CHARGE

The Minimum Distribution Charge is Customer Charge.

(Continued)

RATE SCHEDULE GS-1 (CONTINUED)

(C)

SPACE CONDITIONING AND WATER HEATING

When storage space conditioning and/or water heating is supplied exclusively through a separate meter, service is billed separately at the Customer Charge and KW charges at the Distribution Charge rate. For customers who receive Basic Utility Supply Service from the Company, the Generation Supply Charge-1 or applies. The Monthly Minimum applies to this service. No new applications will be accepted after January 1, 2000.

**SERVICE TO VOLUNTEER FIRE COMPANIES, NON-PROFIT SENIOR CITIZEN CENTERS,
NON-PROFIT RESCUE SQUADS, AND NON-PROFIT AMBULANCE SERVICES**

Upon application and acceptance by the Company, Volunteer Fire Companies, Non-Profit Senior Citizen Centers, Non-Profit Rescue Squads, and Non-profit Ambulance Services may, for a minimum one year period, elect to have electric service rendered pursuant to the following charges.

Distribution Charge

Effective: April 1, 2020

(C)

\$18.27 per month (Customer Charge includes SMR 2 and CER) plus
4.450 cents per KWH (Includes ACR 3, USR, and SDER)

(I)

VOLUNTEER FIRE COMPANY is defined as a separately metered service location consisting of a building, sirens, a garage for housing vehicular fire fighting equipment, or a facility certified by the Pennsylvania Emergency Management Agency (PEMA) for fire fighter training. The use of electric service by the customer of record at this location shall be to support the activities of the volunteer fire company.

NON-PROFIT SENIOR CITIZEN CENTER is defined as a separately metered service location consisting of a facility for the use of senior citizens coming together as individuals or groups where access to a wide range of service to senior citizens is provided, which is qualified by the Internal Revenue Service (IRS) as non-profit and recognized by the Pennsylvania Department of Aging as an operator of a senior citizen center. The use of electric service by the customer of record at this location shall be to support the activities of the non-profit senior citizen center.

NON-PROFIT RESCUE SQUAD is defined as a separately metered service location consisting of a building, sirens, a garage for housing vehicular rescue equipment, or a facility that is qualified by the IRS as non-profit and recognized by PEMA and the Departments of Health as a provider of rescue services. The use of electric service by the customer of record at this location shall be to support the activities of the non-profit rescue squad.

(Continued)

RATE SCHEDULE GS-3 (CONTINUED)

(C)

SPACE CONDITIONING AND WATER HEATING

When storage space conditioning and/or water heating is supplied exclusively through a separate meter, service is billed separately at the Customer Charge and KW charges at the Distribution Charge rate. For customers who receive Basic Utility Supply Service from the Company, the Generation Supply Charge -1 or Generation Supply Charge – 2 applies. The Monthly Minimum applies to this service. No new applications will be accepted after January 1, 2000.

**SERVICE TO VOLUNTEER FIRE COMPANIES NON-PROFIT SENIOR CITIZEN CENTERS
NON-PROFIT RESCUE SQUADS, AND NON-PROFIT AMBULANCE SERVICES**

Upon application and acceptance by the Company, Volunteer Fire Companies, Non-Profit Senior Citizen Centers, Non-Profit Rescue Squads, and Non-Profit Ambulance Services may for a minimum one-year period, elect to have electric service rendered pursuant to the following charges.

Distribution Charge
Effective: April 1, 2020

(C)

\$18.27 per month (Customer Charge includes SMR2 and CER) plus
4.450 cents per KWH (Includes ACR 3, USR, and SDER)

(I)

VOLUNTEER FIRE COMPANY is defined as a separately metered service location consisting of a building, sirens, a garage for housing vehicular fire fighting equipment, or a facility certified by the Pennsylvania Emergency Management Agency (PEMA) for fire fighter training. The use of electric service by the customer of record at this location shall be to support the activities of the volunteer fire company.

NON-PROFIT SENIOR CITIZEN CENTER is defined as a separately metered service location consisting of a facility for the use of senior citizens coming together as individuals or groups where access to a wide range of service to senior citizens is provided, which is qualified by the Internal Revenue Service (IRS) as non-profit and recognized by the Pennsylvania Department of Aging as an operator of a senior citizen center. The use of electric service by the customer of record at this location shall be to support the activities of the non-profit senior citizen center.

NON-PROFIT RESCUE SQUAD is defined as a separately metered service location consisting of a building, sirens, a garage for housing vehicular rescue equipment, or a facility that is qualified by the IRS as non-profit and recognized by PEMA and the Departments of Health as a provider of rescue services. The use of electric service by the customer of record at this location shall be to support the activities of the non-profit rescue squad.

(Continued)