

**Pennsylvania Power Company**  
**Rate RS - Residential Service**  
**Revenue Effects of Settlement Rates - FTY 12/31/17**

Line No.	Tariff No. 36			Tariff No. 36, Supplement XX			
	Current Rate (1)	Billing Units (2)	Revenues (3)	Settlement Rate (4)	Billing Units (5)	Settlement Revenue (6)=(4)x(5)	
<b><u>DISTRIBUTION CHARGES</u></b>							
<b><u>CUSTOMER CHARGE</u></b>							
1	Customer Charge	\$10.85	1,720,992	\$18,672,779	\$11.00	1,720,992	\$18,930,912
<b><u>DEMAND CHARGES</u></b>							
2	kW	\$2.00	28,627	\$57,254	\$1.88	28,627	\$53,819
<b><u>ENERGY CHARGES</u></b>							
3	kWh	\$0.03135	1,530,314,799	\$47,975,409	\$0.04437	1,530,314,799	\$67,900,068
4	<b><u>TOTAL BASE NORMALIZED DISTRIBUTION REVENUES - RS</u></b>		<b>\$66,705,442</b>				<b>\$86,884,799</b>
5	Smart Meter Technologies Charge (Per Bill)	\$0	1,720,992	\$0	\$0	1,720,992	\$0
6	Distribution System Improvement Charge	1.327%	1,530,314,799	\$1,093,772	0.000%	1,530,314,799	\$0
7	<b><u>TOTAL DISTRIBUTION INCLUDING RIDER CHANGES</u></b>		<b>\$67,799,214</b>				<b>\$86,884,799</b>
<b><u>RIDER CHARGES</u></b>							
8	Default Service Support Charge	\$0.00186	1,530,314,799	\$2,715,312	\$0.00287	1,530,314,799	\$4,321,250
9	Universal Service Charge	\$0.00411	1,530,314,799	\$8,411,075	\$0.00411	1,530,314,799	\$8,411,075
10	Solar Photovoltaic Requirements Charge	\$0.00026	1,530,314,799	\$406,269	\$0.00026	1,530,314,799	\$406,269
11	Phase II Energy Efficiency and Conservation Charge	\$0.00218	1,530,314,799	\$4,493,607	\$0.00218	1,530,314,799	\$4,493,607
12	PTC*	\$0.08996	1,530,314,799	\$137,667,119	\$0.08996	1,530,314,799	\$137,667,119
13	STAS	0%		\$0	0%		\$0
14	Total Energy and Revenue		1,530,314,799	<b>\$221,492,596</b>		1,530,314,799	<b>\$242,184,119</b>
15	Avg Rate per kWh			<b>\$0.14474</b>			<b>\$0.15826</b>
16	Proposed Increase						\$20,691,523
17	Percent Increase						9.34%

\* Total wires kWh used for illustrative purposes

**Pennsylvania Power Company**

**Rate GS - Volunteer Fire Companies, Non-Profit Senior Citizen Centers, Non-Profit Rescue Squads and Non-Profit Ambulance Service  
Revenue Effects of Settlement Rates - FTY 12/31/17**

Line No.	Tariff No. 36			Tariff No. 36, Supplement XX			
	Current Rate (1)	Billing Units (2)	Revenues (3)	Settlement Rate (4)	Billing Units (5)	Settlement Revenue (6)=(4)x(5)	
<b><u>DISTRIBUTION CHARGES</u></b>							
<b><u>CUSTOMER CHARGES</u></b>							
1	Customer Charge	\$10.85	792	\$8,600	\$11.00	792	\$8,712
<b><u>DEMAND CHARGES</u></b>							
2	kW	\$2.00	1,538	\$3,078	\$1.88	1,538	\$2,891
<b><u>ENERGY CHARGES</u></b>							
3	All kWh	\$0.03135	1,539,607	<u>\$48,302</u>	\$0.04437	1,539,607	<u>\$68,312</u>
4	<b><u>TOTAL BASE NORMALIZED DISTRIBUTION REVENUES</u></b>			<b>\$59,980</b>			<b>\$79,915</b>
5	Smart Meter Technologies Charge (Per Bill)	\$0	792	\$0	\$0	792	\$0
6	Distribution System Improvement Charge	1.327%	1,539,607	<u>\$983</u>	0.000%	1,539,607	<u>\$0</u>
7	<b><u>TOTAL DISTRIBUTION INCLUDING RIDER CHARGES</u></b>			<b>\$60,963</b>			<b>\$79,915</b>
<b><u>RIDER CHARGES</u></b>							
8	Default Service Support Charge	\$0.00186	1,539,607	\$2,729	\$0.00287	1,539,607	\$4,345
9	Universal Service Charge	\$0.00411	1,539,607	\$8,475	\$0.00411	1,539,607	\$8,475
10	Solar Photovoltaic Requirements Charge	\$0.00026	1,539,607	\$409	\$0.00026	1,539,607	\$409
11	Phase II Energy Efficiency and Conservation Charge	\$0.02093	1,539,607	\$7,971	\$0.02093	1,539,607	\$7,971
12	PTC*	\$0.08996	1,539,607	\$138,503	\$0.08996	1,539,607	\$138,503
13	STAS	0%		\$0	0%		\$0
14	Total Energy and Revenue		1,539,607	<b>\$219,050</b>		1,539,607	<b>\$239,618</b>
15	Avg rate per kWh			<b>\$0.14228</b>			<b>\$0.15564</b>
16	Proposed Increase						\$20,568
17	Percent Increase						9.39%

\* Total wires kWh used for illustrative purposes

**Pennsylvania Power Company  
Rate GS - Small  
Revenue Effects of Settlement Rates - FTY 12/31/17**

Line No.	Tariff No. 36			Tariff No. 36, Supplement XX			
	<u>Current Rate</u> (1)	<u>Billing Units</u> (2)	<u>Revenues</u> (3)	<u>Settlement Rate</u> (4)	<u>Billing Units</u> (5)	<u>Settlement Revenue</u> (6)=(4)x(5)	
<b><u>DISTRIBUTION CHARGES</u></b>							
<b><u>CUSTOMER CHARGES</u></b>							
1	Customer Charge	\$19.24	140,124	\$2,695,941	\$24.89	140,124	\$3,487,686
2	<b><u>DEMAND CHARGES</u></b>						
<b><u>ENERGY CHARGES</u></b>							
3	All kWh	\$0.01926	55,693,687	\$1,072,642	\$0.03623	55,693,687	\$2,017,782
4	<b><u>TOTAL BASE NORMALIZED DISTRIBUTION REVENUES</u></b>			<b>\$3,768,583</b>			<b>\$5,505,468</b>
5	Smart Meter Technologies Charge (Per Bill)	\$0	140,124	\$0	\$0	140,124	\$0
6	Distribution System Improvement Charge	1.327%	55,693,687	\$61,794	0.000%	55,693,687	\$0
7	<b><u>TOTAL DISTRIBUTION INCLUDING RIDER CHANGES</u></b>			<b>\$3,830,377</b>			<b>\$5,505,468</b>
<b><u>RIDER CHARGES</u></b>							
8	Default Service Support Charge	\$0.00178	55,693,687	\$101,158	\$0.00184	55,693,687	\$104,041
9	Solar Photovoltaic Requirements Charge	\$0.00026	55,693,687	\$14,732	\$0.00026	55,693,687	\$14,732
10	Phase II Energy Efficiency and Conservation Charge	\$0.00104	55,693,687	\$61,497	\$0.00104	55,693,687	\$61,497
11	PTC*	\$0.08867	55,693,687	\$4,938,359	\$0.08867	55,693,687	\$4,938,359
12	STAS	0%		\$0	0%		\$0
13	Total Energy and Revenue		55,693,687	<b>\$8,946,123</b>		55,693,687	<b>\$10,624,097</b>
14	Avg rate per kWh			<b>\$0.16063</b>			<b>\$0.19076</b>
15	Proposed Increase						\$1,677,974
16	Percent Increase						18.76%

\* Total wires kWh used for illustrative purposes

**Pennsylvania Power Company**  
**Rate GS - Medium**  
**Revenue Effects of Settlement Rates - FTY 12/31/17**

Line No.	Tariff No. 36			Tariff No. 36, Supplement XX			
	Current Rate (1)	Billing Units (2)	Revenues (3)	Settlement Rate (4)	Billing Units (5)	Settlement Revenue (6)=(4)x(5)	
<b><u>DISTRIBUTION CHARGES</u></b>							
<b><u>CUSTOMER CHARGES</u></b>							
1	Customer Charge	\$19.11	111,564	\$2,131,988	\$26.87	111,564	\$2,997,725
<b><u>DEMAND CHARGES</u></b>							
2	kW	\$2.62	3,109,348	\$8,146,492	\$3.40	3,109,348	\$10,571,783
	rkVA	\$0.20	272,212	\$54,442	\$0.20	272,212	\$54,442
<b><u>ENERGY CHARGES</u></b>							
3	All kWh	\$0	875,074,020	\$0	875,074,020	\$0	\$0
4	<b><u>TOTAL BASE NORMALIZED DISTRIBUTION REVENUES</u></b>			<b>\$10,332,922</b>			<b>\$13,623,950</b>
5	Smart Meter Technologies Charge (Per Bill)	\$0	111,564	\$0	\$0	111,564	\$0
6	Distribution System Improvement Charge	1.327%	875,074,020	\$169,430	0.000%	875,074,020	\$0
7	<b><u>TOTAL DISTRIBUTION INCLUDING RIDER CHARGES</u></b>			<b>\$10,502,352</b>			<b>\$13,623,950</b>
<b><u>RIDER CHARGES</u></b>							
8	Default Service Support Charge	\$0.00183	875,074,020	\$1,589,210	\$0.00189	875,074,020	\$1,634,511
9	Solar Photovoltaic Requirements Charge	\$0.00026	875,074,020	\$231,455	\$0.00026	875,074,020	\$231,455
10	Phase II Energy Efficiency and Conservation Charge	\$0.00104	875,074,020	\$1,045,868	\$0.00104	875,074,020	\$1,045,868
11	PTC*	\$0.08867	875,074,020	\$77,592,813	\$0.08867	875,074,020	\$77,592,813
12	STAS - Rider charges	0%		\$0	0%		\$0
13	Total Energy and Revenue		875,074,020	<b>\$90,961,698</b>		875,074,020	<b>\$94,128,597</b>
14	Avg rate per kWh			<b>\$0.10395</b>			<b>\$0.10757</b>
15	Proposed Increase						\$3,166,899
16	Percent Increase						3.48%

\* Total wires kWh used for illustrative purposes

**Pennsylvania Power Company**  
**Rate GS - Large**  
**Revenue Effects of Settlement Rates - FTY 12/31/17**

Line No.		Tariff No. 36			Tariff No. 36, Supplement XX		
		Current Rate (1)	Billing Units (2)	Revenues (3)	Settlement Rate (4)	Billing Units (5)	Settlement Revenue (6)=(4)x(5)
<b><u>DISTRIBUTION CHARGES</u></b>							
<b><u>CUSTOMER CHARGES</u></b>							
1	Customer Charge	\$74.49	2,028	\$151,066	\$130.07	2,028	\$263,782
<b><u>DEMAND CHARGES</u></b>							
3	kW	\$3.35	1,009,167	\$3,380,709	\$ 4.36	1,009,167	\$4,399,968
4	rkVA	\$0.20	162,788	\$32,558	\$0.20	162,788	\$32,558
5	QF Backup Secondary KW	\$2.51	0	\$0	\$3.27	0	\$0
6	QF Maint Secondary KW	\$2.01	0	\$0	\$2.62	0	\$0
<b><u>ENERGY CHARGES</u></b>							
7	All kWh	\$0	355,778,214	\$0	\$0	355,778,214	\$0
8	<b><u>TOTAL BASE NORMALIZED DISTRIBUTION REVENUES</u></b>			<b>\$3,564,333</b>			<b>\$4,696,308</b>
9	Smart Meter Technologies Charge (Per Bill)	\$0	2,028	\$0	\$0	2,028	\$0
10	Distribution System Improvement Charge	1.327%	355,778,214	\$58,445	0.000%	355,778,214	\$0
11	<b><u>TOTAL DISTRIBUTION INCLUDING RIDER CHANGES</u></b>			<b>\$3,622,778</b>			<b>\$4,696,308</b>
<b><u>RIDER CHARGES</u></b>							
12	Default Service Support Charge	\$0.557	1,009,167	\$466,814	\$0.557	1,009,167	\$466,814
13	Solar Photovoltaic Requirements Charge	\$0.00026	355,778,214	\$94,448	\$0.00026	355,778,214	\$94,448
14	Phase II Energy Efficiency and Conservation Charge	\$0.00104	355,778,214	\$370,009	\$0.00104	355,778,214	\$370,009
15	PTC*	\$0.08867	355,778,214	\$31,546,854	\$0.08867	355,778,214	\$31,565,272
16	STAS - Rider charges	0%		\$0	0%		\$0
17	Total Energy and Revenue		355,778,214	<b>\$36,100,904</b>		355,778,214	<b>\$37,192,852</b>
18	Avg rate per kWh			<b>\$0.10147</b>			<b>\$0.10454</b>
19	Proposed Increase						\$1,091,948
20	Percent Increase						3.02%

\* Total wires kWh used for illustrative purposes

**Pennsylvania Power Company**  
**Rate PNP**  
**Revenue Effects of Settlement Rates - FTY 12/31/17**

Line No.	Tariff No. 36			Tariff No. 36, Supplement XX			
	Current Rate (1)	Billing Units (2)	Revenues (3)	Settlement Rate (4)	Billing Units (5)	Settlement Revenue (6)=(4)x(5)	
<b><u>DISTRIBUTION CHARGES</u></b>							
<b><u>CUSTOMER CHARGES</u></b>							
1	Customer Charge	\$13.33	1,128	\$15,051	\$15.56	1,128	\$17,552
<b><u>DEMAND CHARGES</u></b>							
<b><u>ENERGY CHARGES</u></b>							
3	All kWh	\$0.02894	2,078,183	\$60,204	\$0.03440	2,078,183	\$71,489
4	<b><u>TOTAL BASE NORMALIZED DISTRIBUTION REVENUES</u></b>			<b>\$75,255</b>			<b>\$89,041</b>
5	Smart Meter Technologies Charge (Per Bill)	\$0	1,128	\$0	\$0	1,128	\$0
6	Distribution System Improvement Charge	1.327%	2,078,183	\$1,234	0.000%	2,078,183	\$0
7	<b><u>TOTAL DISTRIBUTION INCLUDING RIDER CHARGES</u></b>			<b>\$76,489</b>			<b>\$89,041</b>
<b><u>RIDER CHARGES</u></b>							
8	Default Service Support Charge	\$0.00183	2,078,183	\$3,717	\$0.00189	2,078,183	\$3,825
9	Solar Photovoltaic Requirements Charge	\$0.00026	2,078,183	\$546	\$0.00026	2,078,183	\$546
10	Phase II Energy Efficiency and Conservation Charge	\$0.02093	2,078,183	\$11,777	\$0.02093	2,078,183	\$11,777
11	PTC*	\$0.08867	2,078,183	\$184,272	\$0.08867	2,078,183	\$184,272
12	STAS - Rider charges	0%		\$0	0%		\$0
13	Total Energy and Revenue		2,078,183	<b>\$276,801</b>		2,078,183	<b>\$289,461</b>
14	Avg rate per kWh			<b>\$0.13319</b>			<b>\$0.13929</b>
15	Proposed Increase						\$12,660
16	Percent Increase						4.57%

\* Total wires kWh used for illustrative purposes

**Pennsylvania Power Company**  
**Rate GP - General Service Primary**  
**Revenue Effects of Settlement Rates - FTY 12/31/17**

Line No.	Tariff No. 36			Tariff No. 36, Supplement XX			
	Current Rate (1)	Billing Units (2)	Revenues (3)	Settlement Rate (4)	Billing Units (5)	Settlement Revenue (6)=(4)x(5)	
<b><u>DISTRIBUTION CHARGES</u></b>							
<b><u>CUSTOMER CHARGES</u></b>							
1	Customer Charge	\$90.73	1,344	\$121,941	\$114.35	1,344	\$153,686
<b><u>DEMAND CHARGES</u></b>							
2	kW	\$2.60	915,513	\$2,380,335	\$4.34	915,513	\$3,973,326
3	rkVA	\$0.20	381,181	\$76,236	\$0.20	381,181	\$76,236
<b><u>ENERGY CHARGES</u></b>							
4	All kWh	\$0	393,314,457	\$0	\$0	393,314,457	\$0
5	<b><u>TOTAL BASE NORMALIZED DISTRIBUTION REVENUES</u></b>			<b>\$2,578,512</b>			<b>\$4,203,248</b>
6	Smart Meter Technologies Charge (Per Bill)	\$0	1,344	\$0	\$0	1,344	\$0
7	Distribution System Improvement Charge	1.327%	393,314,457	\$42,280	0.000%	393,314,457	\$0
8	<b><u>TOTAL DISTRIBUTION INCLUDING RIDER CHARGES</u></b>			<b>\$2,620,792</b>			<b>\$4,203,248</b>
<b><u>RIDER CHARGES</u></b>							
9	Default Service Support Charge (Per kW NSPL)	\$0.557	756,360	\$388,142	\$0.557	756,360	\$388,142
10	Phase II Energy Efficiency and Conservation Charge (Per kW PLC)	\$0.40	767,490	\$192,360	\$0.40	767,490	\$192,360
11	Solar Photovoltaic Requirements Charge	\$0.00026	393,314,457	\$103,863	\$0.00026	393,314,457	\$103,863
12	Hourly Priced Generation*	\$0.04176	393,314,457	\$16,424,812	\$0.04176	393,314,457	\$16,425,109
13	STAS - Rider charges	0%		\$0	0%		\$0
14	Total Energy and Revenue		393,314,457	<b>\$19,729,969</b>		393,314,457	<b>\$21,312,722</b>
15	Avg rate per kWh			<b>\$0.05016</b>			<b>\$0.05419</b>
16	Proposed Increase						\$1,582,753
17	Percent Increase						8.02%

\* Total wires kWh used for illustrative purposes. Generation rates vary hourly based on hourly pricing, price based on Dec 2015 average.

**Pennsylvania Power Company**  
**Rate GT - General Service Transmission**  
**Revenue Effects of Settlement Rates - FTY 12/31/17**

Line No.	Tariff No. 36			Tariff No. 36, Supplement XX			
	Current Rate (1)	Billing Units (2)	Revenues (3)	Settlement Rate (4)	Billing Units (5)	Settlement Revenue (6)=(4)x(5)	
<b><u>DISTRIBUTION CHARGES</u></b>							
<b><u>CUSTOMER CHARGES</u></b>							
1	Customer Charge	\$258.42	456	\$117,839	\$324.29	456	\$147,876
<b><u>DEMAND CHARGES</u></b>							
2	kW	\$0.39	3,134,803	\$1,222,573	\$0.54	3,134,803	\$1,692,794
3	rkVA	\$0.20	1,300,938	\$260,188	\$0.20	1,300,938	\$260,188
4	kW (Transmission 115 kV Credit)	(\$0.13)	1,939,138	(\$252,088)	(\$0.18)	1,939,138	(\$349,045)
<b><u>ENERGY CHARGES</u></b>							
5	All kWh	\$0	1,273,769,758	\$0	1,273,769,758	\$0	
6	<b><u>TOTAL BASE NORMALIZED DISTRIBUTION REVENUES</u></b>		<b>\$1,348,512</b>			<b>\$1,751,813</b>	
7	Smart Meter Technologies Charge (Per Bill)	\$0	456	\$0	\$0	456	\$0
8	Distribution System Improvement Charge	0.000%	1,273,769,758	\$0	0.000%	1,273,769,758	\$0
9	<b><u>TOTAL DISTRIBUTION INCLUDING RIDER CHARGES</u></b>		<b>\$1,348,512</b>			<b>\$1,751,813</b>	
<b><u>RIDER CHARGES</u></b>							
10	Default Service Support (kW NSPL)	\$0.557	1,728,804	\$887,172	\$0.557	1,728,804	\$887,172
11	Phase II Energy Efficiency (Per kW PLC)	\$0.400	1,759,308	\$440,944	\$0.40	1,759,308	\$440,944
12	Solar Photovoltaic Requirements Charge	\$0.00026	1,273,769,758	\$336,367	\$0.00026	1,273,769,758	\$336,367
13	Hourly Priced Generation*	\$0.04473	1,273,769,758	\$56,975,721	\$0.04473	1,273,769,758	\$56,976,683
14	STAS - Rider charges	0%		\$0	0%		\$0
15	Total Energy and Revenue		1,273,769,758	<b>\$59,988,716</b>		1,273,769,758	<b>\$60,392,979</b>
16	Avg rate per kWh			<b>\$0.04710</b>			<b>\$0.04741</b>
	Proposed Increase						\$404,263
	Percent Increase						0.67%

\* Total wires kWh used for illustrative purposes. Generation rates vary hourly based on hourly pricing, price based on Dec 2015 average.

**Pennsylvania Power Company**  
**Purchase of Energy from Cogeneration and Small Power Production Facilities**  
**Revenue Effects of Settlement Rates - FTY 12/31/17**

Line No.		Tariff No. 36			Tariff No. 36, Supplement XX		
		Current Rate (1)	Billing Units (2)	Revenues (3)	Settlement Rate (4)	Billing Units (5)	Settlement Revenue (6)=(4)x(5)
	<b><u>DISTRIBUTION CHARGES</u></b>						
	<b><u>CUSTOMER CHARGES</u></b>						
1	Cogen Energy Credit	\$0	0	(\$2,272)	\$0	0	(\$2,272)
2	Cogen Customer Charge	\$10.00	12	\$120	\$10	12	\$120
3	STAS	0%		\$0	0%		\$0
4	<b>Total Distribution</b>			<b>(\$2,152)</b>			<b>(\$2,152)</b>
5	Total Revenue			<b>(\$2,152)</b>			<b>(\$2,152)</b>

**Pennsylvania Power Company**  
**Partial Service Rider**  
**Revenue Effects of Settlement Rates - FTY 12/31/17**

		Tariff No. 36			Tariff No. 36, Supplement XX		
		Current Rate (1)	Billing Units (2)	Revenues (3)	Settlement Rate (4)	Billing Units (5)	Settlement Revenue (6)=(4)x(5)
	<b><u>DISTRIBUTION CHARGES</u></b>						
	<b><u>CUSTOMER CHARGES</u></b>						
6	Customer Charge	\$50	12	\$600	\$50	12	\$600
7	QF Backup Secondary KW	\$2.60	0	\$0	\$3.27	0	\$0
8	QF Maint Secondary KW	\$2.01	0	\$0	\$2.62	0	\$0
9	QF Backup Primary KW	\$1.95	0	\$0	\$3.26	0	\$0
10	QF Maint Primary KW	\$1.56	0	\$0	\$2.60	0	\$0
11	QF Backup Transmission KW	\$0.20	0	\$0	\$0.27	0	\$0
12	QF Maint Transmission KW	\$0.16	0	\$0	\$0.22	0	\$0
13	STAS	0%		\$0	0%		\$0
14	<b>Total Distribution</b>			<b>\$600</b>			<b>\$600</b>
15	Total Revenue			\$600			\$600

**Pennsylvania Power Company**  
**Rate PLS - Private Outdoor Lighting Service**  
**Revenue Effects of Settlement Rates - FTY 12/31/17**

Line No.		Tariff No. 36			Tariff No. 36, Supplement XX		
		Current Rate	Billing Units	Revenues	Settlement Rate	Billing Units	Settlement Revenue
		(1)	(2)	(3)	(4)	(5)	(6)=(4)x(5)
<b>LAMPS</b>							
1	175 W MERCURY VAPOR	\$9.52	155	\$1,480	14.58	155	\$2,266
2	175 W MERCURY VAPOR - PT	\$17.33	59	\$1,030	26.52	59	\$1,577
3	400 W MERCURY VAPOR	\$8.19	262	\$2,142	12.54	262	\$3,280
4	70 W SODIUM VAPOR	\$11.89	120	\$1,427	\$18.19	120	\$2,183
5	100 W SODIUM VAPOR - PT	\$18.23	5,581	\$101,734	27.88	5,581	\$155,586
6	100 W SODIUM VAPOR	\$11.96	3,469	\$41,484	18.30	3,469	\$63,474
7	150 W SODIUM VAPOR	\$11.53	1,212	\$13,974	\$17.63	1,212	\$21,368
8	250 W SODIUM VAPOR	\$12.09	5,186	\$62,704	\$18.49	5,186	\$95,897
9	400 W SODIUM VAPOR	\$11.98	5,952	\$71,305	\$18.32	5,952	\$109,041
10	250 Metal Halide	\$14.92	588	\$8,773	\$22.82	588	\$13,418
11	400 Metal Halide	\$12.74	3,444	\$43,877	\$19.48	3,444	\$67,089
12	1,000 Metal Halide	\$5.44	1,092	\$5,940	\$8.32	1,092	\$9,085
<b>POLES</b>							
13	30' or 35' Pole Charge	\$7.24	2,364	\$17,115	\$11.07	2,364	\$26,169
14	40' Pole Charge	\$8.43	984	<u>\$8,295</u>	12.88	984	<u>\$12,674</u>
15	<b>TOTAL BASE NORMALIZED DISTRIBUTION REVENUES</b>			<b>\$381,280</b>			<b>\$583,107</b>
16	Smart Meter Technologies Charge (Per Bill)	\$0.00	0	\$0	\$0.00	0	\$0
17	Distribution System Improvement Charge	1.327%	2,923,607	<u>\$6,252</u>	0%	2,923,607	<u>\$0</u>
18	<b>TOTAL DISTRIBUTION INCLUDING RIDER CHANGES</b>			<b>\$387,532</b>			<b>\$583,107</b>
<b>RIDER CHARGES</b>							
19	Default Service Support Charge	\$0.00183	2,923,607	\$5,118	\$0.00189	2,923,607	\$5,269
20	Solar Photovoltaic Requirements Charge	\$0.00026	2,923,607	\$776	\$0.00026	2,923,607	\$776
21	Phase II Energy Efficiency and Conservation Charge	(\$0.00486)	2,923,607	\$2,919	(\$0.00486)	2,923,607	\$2,919
22	PTC*	\$0.08867	2,923,607	\$259,236	\$0.08867	2,923,607	\$259,236
23	STAS - Rider charges	0.00%		\$0	0%		\$0
24	Total Revenue			<b>\$655,581</b>			<b>\$851,307</b>
25	Proposed Increase						\$195,726
26	Percent Increase						29.86%

\* Total wires kWh used for illustrative purposes

**Pennsylvania Power Company**  
**Rate Schedule SV - High Pressure Sodium Vapor**  
**Revenue Effects of Settlement Rates - FTY 12/31/17**

Line No.	Description	Tariff No. 36			Tariff No. 36, Supplement XX		
		Current Rate (1)	Billing Units (2)	Revenues (3)	Settlement Rate (4)	Billing Units (5)	Settlement Revenue (6)=(4)x(5)
1	70 WATTS	\$10.67	523	\$5,580	\$9.87	523	\$5,162
2	100 WATTS	\$10.74	855	\$9,183	\$8.59	855	\$7,344
3	150 WATTS	\$10.37	128	\$1,327	\$8.72	128	\$1,116
4	250 WATTS	\$10.85	179	\$1,942	\$10.19	179	\$1,824
5	400 WATTS	\$10.77	46	\$495	\$10.49	46	\$483

**Pennsylvania Power Company**  
**Rate Schedule SVD - High Pressure Sodium Vapor Divided Ownership**  
**Revenue Effects of Settlement Rates - FTY 12/31/17**

**HIGH PRESSURE SODIUM VAPOR**

6	70 WATTS	\$4.50	7,013	\$31,557	\$4.33	7,013	\$30,365
7	100 WATTS	\$4.45	564	\$2,511	\$4.31	564	\$2,432
8	150 WATTS	\$3.95	0	\$0	\$5.36	0	\$0
9	250 WATTS	\$4.32	0	\$0	\$5.86	0	\$0
10	400 WATTS	\$3.79	12	\$46	\$3.37	12	\$40

**Pennsylvania Power Company**  
**Rate Schedule SM - Mercury Vapor**  
**Revenue Effects of Settlement Rates - FTY 12/31/17**

**INCANDESCENT**

11	175 WATTS	\$13.94	0	\$0	\$18.91	0	\$0
12	400 WATTS	\$14.90	0	\$0	\$20.21	0	\$0

**Pennsylvania Power Company**  
**Rate Schedule LED - Light Emitting Diode**  
**Revenue Effects of Settlement Rates - FTY 12/31/17**

**Cobra Head**

13	50 WATTS	\$5.25	82,191	\$431,503	\$7.32	82,191	\$601,638
14	90 WATTS	\$6.59	7,634	\$50,308	\$8.78	7,634	\$67,017
15	130 WATTS	\$7.01	11,829	\$82,921	\$9.78	11,829	\$115,688
16	260 WATTS	\$10.84	3,028	\$32,824	\$15.12	3,028	\$45,783

**Colonial**

17	50 WATTS	\$8.40	9,132	\$76,709	\$11.72	9,132	\$106,996
18	90 WATTS	\$9.23	848	\$7,827	\$12.87	848	\$10,917

**Acorn**

19	50 WATTS	\$13.95	0	\$0	\$19.46	0	\$0
20	90 WATTS	\$14.75	0	\$0	\$20.57	0	\$0

21	<b>TOTAL BASE NORMALIZED DISTRIBUTION REVENUES</b>			<b>\$734,733</b>			<b>\$996,805</b>
22	Smart Meter Technologies Charge (Per Bill)	\$0.00	0	\$0	\$0.00	0	\$0
23	Distribution System Improvement Charge	1.327%	3,076,408	\$12,047	0%	3,076,408	\$0
24	<b>TOTAL DISTRIBUTION INCLUDING RIDER CHANGES</b>			<b>746,780</b>			<b>996,805</b>
<b>Energy Charges</b>							
25	Default Service Support Charge	\$0.00183	3,076,408	\$11,159	\$0.00189	3,076,408	\$11,318
26	Solar Photovoltaic Requirements Charge	\$0.00026	3,076,408	\$1,625	\$0.00026	3,076,408	\$1,625
27	Phase II Energy Efficiency and Conservation Charge	(\$0.00486)	3,076,408	\$4,533	(\$0.00486)	3,076,408	\$4,533
28	PTC*	\$0.08867	3,076,408	\$272,785	\$0.08867	3,076,408	\$272,785
29	STAS - Rider charges	0.00%		\$0	0%		\$0
30	Total Revenue			1,036,882			1,287,067
31	Proposed Increase						\$250,184
32	Percent Increase						24.13%

\* Total wires kWh used for illustrative purposes