

**West Penn Power Company**  
**Domestic Service - Schedule 10**  
**Revenue Effects of Settlement Rates - FTY 12/31/17**

| Line No. |   | Tariff No. 40       |                      |                      | Tariff No. 40, Supplement XX |                      |                                   |
|----------|---|---------------------|----------------------|----------------------|------------------------------|----------------------|-----------------------------------|
|          |   | Current Rate<br>(1) | Billing Units<br>(2) | Revenues<br>(3)      | Settlement Rate<br>(4)       | Billing Units<br>(5) | Settlement Revenue<br>(6)=(4)x(5) |
|          | <b><u>DISTRIBUTION CHARGES</u></b>                        |                     |                      |                      |                              |                      |                                   |
|          | <b><u>CUSTOMER CHARGE</u></b>                             |                     |                      |                      |                              |                      |                                   |
| 1        | Customer Charge   | \$5.81              | 7,447,512            | \$43,270,050         | \$7.44                       | 7,447,512            | \$55,409,489                      |
|          | <b><u>DEMAND CHARGES</u></b>                              |                     |                      |                      |                              |                      |                                   |
| 2        | kW  | \$2.00              | 7,101                | \$14,202             | \$2.46                       | 7,101                | \$17,468                          |
|          | <b><u>ENERGY CHARGES</u></b>                              |                     |                      |                      |                              |                      |                                   |
| 3        | kWh   | \$0.02896           | 6,488,273,106        | \$187,900,413        | \$0.03487                    | 6,488,273,106        | \$226,246,083                     |
| 4        | <b><u>TOTAL BASE NORMALIZED DISTRIBUTION REVENUES</u></b> |                     |                      | <b>\$231,184,665</b> |                              |                      | <b>\$281,673,040</b>              |
| 5        | Smart Meter Technologies Charge (Per Bill)                | \$0                 | 7,447,512            | \$0                  | \$0                          | 7,447,512            | \$0                               |
| 6        | Distribution System Improvement Charge                    | 0.284%              | 6,488,273,106        | \$809,654            | 0.000%                       | 6,488,273,106        | \$0                               |
| 7        | <b><u>TOTAL DISTRIBUTION INCLUDING RIDER CHANGES</u></b>  |                     |                      | <b>\$231,994,319</b> |                              |                      | <b>\$281,673,040</b>              |
|          | <b><u>RIDER CHARGES</u></b>                               |                     |                      |                      |                              |                      |                                   |
| 8        | Default Service Support Charge                            | \$0.00272           | 6,488,273,106        | \$21,418,215         | \$0.00339                    | 6,488,273,106        | \$26,135,140                      |
| 9        | Universal Service   | \$0.00387           | 6,488,273,106        | \$31,560,178         | \$0.00387                    | 6,488,273,106        | \$31,560,178                      |
| 10       | Phase II Energy Efficiency and Conservation Charge        | \$0.00168           | 6,488,273,106        | \$12,886,199         | \$0.00168                    | 6,488,273,106        | \$12,886,199                      |
| 11       | PTC*  | \$0.07011           | 6,488,273,106        | \$454,892,827        | \$0.07011                    | 6,488,273,106        | \$454,892,827                     |
| 12       | STAS  | 0%                  |                      | \$0                  | 0%                           |                      | \$0                               |
| 13       | Total Energy and Revenue                                  |                     | 6,488,273,106        | <b>\$752,751,738</b> |                              | 6,488,273,106        | <b>\$807,147,384</b>              |
| 14       | Avg Rate per kWh  |                     |                      | \$0.11602            |                              |                      | \$0.12440                         |
| 15       | Proposed Increase   |                     |                      |                      |                              |                      | \$54,395,646                      |
| 16       | Percent Increase  |                     |                      |                      |                              | 871.20               | 7.23%                             |

\* Total wires kWh used for illustrative purposes

**West Penn Power Company**  
**General Service - Schedule 20 Special Provision**  
**Revenue Effects of Settlement Rates - FTY 12/31/17**

| Line No. |   | Tariff No. 40       |                      |                    | Tariff No. 40, Supplement XX |                      |                                   |
|----------|---|---------------------|----------------------|--------------------|------------------------------|----------------------|-----------------------------------|
|          |   | Current Rate<br>(1) | Billing Units<br>(2) | Revenues<br>(3)    | Settlement Rate<br>(4)       | Billing Units<br>(5) | Settlement Revenue<br>(6)=(4)x(5) |
|          | <b><u>DISTRIBUTION CHARGES</u></b>                        |                     |                      |                    |                              |                      |                                   |
|          | <b><u>CUSTOMER CHARGE</u></b>                             |                     |                      |                    |                              |                      |                                   |
| 1        | Customer Charge   | \$5.81              | 6,432                | \$37,371           | \$7.44                       | 6,432                | \$47,854                          |
|          | <b><u>DEMAND CHARGES</u></b>                              |                     |                      |                    |                              |                      |                                   |
| 2        | kW  | \$2.00              | 50,984               | \$101,971          | \$2.46                       | 50,984               | \$125,421                         |
|          | <b><u>ENERGY CHARGES</u></b>                              |                     |                      |                    |                              |                      |                                   |
| 3        | kWh   | \$0.02896           | 19,391,201           | <u>\$561,583</u>   | \$0.03487                    | 19,391,201           | <u>\$676,171</u>                  |
| 4        | <b><u>TOTAL BASE NORMALIZED DISTRIBUTION REVENUES</u></b> |                     |                      | <b>\$700,925</b>   |                              |                      | <b>\$849,446</b>                  |
| 5        | Smart Meter Technologies Charge (Per Bill)                | \$0                 | 6,432                | \$0                | \$0                          | 6,432                | \$0                               |
| 6        | Distribution System Improvement Charge                    | 0.284%              | 19,391,201           | <u>\$2,455</u>     | 0.000%                       | 19,391,201           | <u>\$0</u>                        |
| 7        | <b><u>TOTAL DISTRIBUTION INCLUDING RIDER CHANGES</u></b>  |                     |                      | <b>\$703,380</b>   |                              |                      | <b>\$849,446</b>                  |
|          | <b><u>RIDER CHARGES</u></b>                               |                     |                      |                    |                              |                      |                                   |
| 8        | Default Service Support Charge                            | \$0.00272           | 19,391,201           | \$63,016           | \$0.00339                    | 19,391,201           | \$77,113                          |
| 9        | Universal Service   | \$0.00387           | 19,391,201           | \$92,786           | \$0.00387                    | 19,391,201           | \$92,786                          |
| 10       | Phase II Energy Efficiency and Conservation Charge        | \$0.00921           | 19,391,201           | \$40,703           | \$0.00921                    | 19,391,201           | \$40,703                          |
| 11       | PTC*  | \$0.07011           | 19,391,201           | \$1,359,517        | \$0.07011                    | 19,391,201           | \$1,359,517                       |
| 12       | STAS  | 0%                  |                      | \$0                | 0%                           |                      | \$0                               |
| 13       | Total Energy and Revenue                                  |                     | 19,391,201           | <b>\$2,259,402</b> |                              | 19,391,201           | <b>\$2,419,565</b>                |
| 14       | Avg Rate per kWh  |                     |                      | <b>\$0.11652</b>   |                              |                      | <b>\$0.12478</b>                  |
| 15       | Proposed Increase   |                     |                      |                    |                              |                      | \$160,163                         |
| 16       | Percent Increase  |                     |                      |                    |                              |                      | 7.09%                             |

\* Total wires kWh used for illustrative purposes

**West Penn Power Company**  
**General Service - Schedule 20**  
**Revenue Effects of Settlement Rates - FTY 12/31/17**

| Line No. | Tariff No. 40   |                      |                 | Tariff No. 40, Supplement XX |                      |                                   |                     |
|----------|---|----------------------|-----------------|------------------------------|----------------------|-----------------------------------|---------------------|
|          | Current Rate<br>(1)                                       | Billing Units<br>(2) | Revenues<br>(3) | Settlement Rate<br>(4)       | Billing Units<br>(5) | Settlement Revenue<br>(6)=(4)x(5) |                     |
|          | <b><u>DISTRIBUTION CHARGES</u></b>                        |                      |                 |                              |                      |                                   |                     |
|          | <b><u>CUSTOMER CHARGES</u></b>                            |                      |                 |                              |                      |                                   |                     |
| 1        | Customer Charge   | \$6.69               | 727,740         | \$4,868,563                  | \$9.52               | 727,740                           | \$6,928,085         |
|          | <b><u>DEMAND CHARGES</u></b>                              |                      |                 |                              |                      |                                   |                     |
|          | <b><u>ENERGY CHARGES</u></b>                              |                      |                 |                              |                      |                                   |                     |
| 2        | All kWh   | \$0.03048            | 237,510,062     | <u>\$7,239,280</u>           | \$0.03529            | 237,510,062                       | <u>\$8,381,730</u>  |
| 3        | <b><u>TOTAL BASE NORMALIZED DISTRIBUTION REVENUES</u></b> |                      |                 | <b>\$12,107,843</b>          |                      |                                   | <b>\$15,309,815</b> |
| 4        | Smart Meter Technologies Charge                           | \$0                  | 727,740         | \$0                          | \$0                  | 776,367                           | \$0                 |
| 5        | Distribution System Improvement Charge                    | 0.284%               | 237,510,062     | <u>\$42,404</u>              | 0.000%               | 237,510,062                       | <u>\$0</u>          |
| 5        | <b><u>TOTAL DISTRIBUTION INCLUDING RIDER CHANGES</u></b>  |                      |                 | <b>\$12,150,247</b>          |                      |                                   | <b>\$15,309,815</b> |
|          | <b><u>RIDER CHARGES</u></b>                               |                      |                 |                              |                      |                                   |                     |
| 6        | Default Service Support Charge                            | \$0.00112            | 237,510,062     | \$344,612                    | \$0.00118            | 237,510,062                       | \$355,995           |
| 7        | Phase II Energy Efficiency and Conservation Charge        | \$0.00136            | 237,510,062     | \$272,523                    | \$0.00136            | 237,510,062                       | \$272,523           |
| 8        | PTC*  | \$0.07547            | 237,510,062     | \$17,924,884                 | \$0.07547            | 237,510,062                       | \$17,924,884        |
| 9        | STAS  | 0%                   |                 | \$0                          | 0%                   |                                   | \$0                 |
| 10       | <b><u>Total Energy and Revenue</u></b>                    |                      |                 |                              |                      | 237,510,062                       | <b>\$33,863,217</b> |
| 11       | Avg rate per kWh  |                      |                 | <b>\$0.12923</b>             |                      |                                   | <b>\$0.14258</b>    |
| 12       | Proposed Increase   |                      |                 |                              |                      |                                   | \$3,170,951         |
| 13       | Percent Increase  |                      |                 |                              |                      |                                   | 10.33%              |

\* Total wires kWh used for illustrative purposes

**West Penn Power Company  
General Power Service - Schedule 30  
Revenue Effects of Settlement Rates - FTY 12/31/17**

| Line No.                           | Tariff No. 40   |                      |                 | Tariff No. 40, Supplement XX |                      |                                   |                      |
|------------------------------------|---|----------------------|-----------------|------------------------------|----------------------|-----------------------------------|----------------------|
|                                    | Current Rate<br>(1)                                       | Billing Units<br>(2) | Revenues<br>(3) | Settlement Rate<br>(4)       | Billing Units<br>(5) | Settlement Revenue<br>(6)=(4)x(5) |                      |
| <b><u>DISTRIBUTION CHARGES</u></b> |   |                      |                 |                              |                      |                                   |                      |
| <b><u>CUSTOMER CHARGES</u></b>     |   |                      |                 |                              |                      |                                   |                      |
| 1                                  | Customer Charge   | \$17.42              | 432,372         | \$7,531,920                  | \$18.91              | 432,372                           | \$8,176,155          |
| <b><u>DEMAND CHARGES</u></b>       |   |                      |                 |                              |                      |                                   |                      |
| 2                                  | All kW  | \$2.65               | 14,389,576      | \$38,132,377                 | \$2.81               | 14,389,576                        | \$40,434,709         |
| 3                                  | rkVA  | \$0.18               | 2,019,749       | \$363,555                    | \$0.18               | 2,019,749                         | \$363,555            |
| 4                                  | Distribution Monthly Surcharge                            |                      |                 | \$2,292                      |                      |                                   | \$2,292              |
| <b><u>ENERGY CHARGES</u></b>       |   |                      |                 |                              |                      |                                   |                      |
| 5                                  | All kWh   | \$0.00400            | 3,803,902,561   | \$15,215,610                 | \$0.00400            | 3,803,902,561                     | \$15,215,610         |
| 6                                  | <b><u>TOTAL BASE NORMALIZED DISTRIBUTION REVENUES</u></b> |                      |                 | <b>\$61,245,754</b>          |                      |                                   | <b>\$64,192,321</b>  |
| 7                                  | Smart Meter Technologies Charge (Per Bill)                | \$0                  | 432,372         | \$0                          | \$0                  | 432,372                           | \$0                  |
| 8                                  | Distribution System Improvement Charge                    | 0.284%               | 3,803,902,561   | \$214,495                    | 0.000%               | 3,803,902,561                     | \$0                  |
| 9                                  | <b><u>TOTAL DISTRIBUTION INCLUDING RIDER CHANGES</u></b>  |                      |                 | <b>\$61,460,249</b>          |                      |                                   | <b>\$64,192,321</b>  |
| <b><u>RIDER CHARGES</u></b>        |   |                      |                 |                              |                      |                                   |                      |
| 10                                 | Default Service Support Charge                            | \$0.00143            | 3,803,902,561   | \$5,583,489                  | \$0.00150            | 3,803,902,561                     | \$5,765,801          |
| 11                                 | Phase II Energy Efficiency and Conservation Charge        | \$0.00136            | 3,803,902,561   | \$4,691,767                  | \$0.00136            | 3,803,902,561                     | \$4,691,767          |
| 12                                 | PTC*  | \$0.07547            | 3,803,902,561   | \$287,080,526                | \$0.07547            | 3,803,902,561                     | \$287,080,526        |
| 13                                 | STAS  | 0%                   |                 | \$0                          | 0%                   |                                   | \$0                  |
| 14                                 | Total Energy and Revenue                                  |                      | 3,803,902,561   | <b>\$358,816,031</b>         |                      | 3,803,902,561                     | <b>\$361,730,415</b> |
| 15                                 | Avg rate per kWh  |                      |                 | <b>\$ 0.09433</b>            |                      |                                   | <b>\$ 0.09509</b>    |
| 16                                 | Proposed Increase   |                      |                 |                              |                      |                                   | \$2,914,384          |
| 17                                 | Percent Increase  |                      |                 |                              |                      |                                   | 0.81%                |

\* Total wires kWh used for illustrative purposes.

**West Penn Power Company**  
**General Power Service - Schedule 35**  
**Revenue Effects of Settlement Rates - FTY 12/31/17**

| Line No. | Tariff No. 40   |                      |                 | Tariff No. 40, Supplement XX |                      |                                   |                      |
|----------|---|----------------------|-----------------|------------------------------|----------------------|-----------------------------------|----------------------|
|          | Current Rate<br>(1)   | Billing Units<br>(2) | Revenues<br>(3) | Settlement Rate<br>(4)       | Billing Units<br>(5) | Settlement Revenue<br>(6)=(4)x(5) |                      |
|          | <b><u>DISTRIBUTION CHARGES</u></b>                              |                      |                 |                              |                      |                                   |                      |
|          | <b><u>CUSTOMER CHARGES</u></b>                                  |                      |                 |                              |                      |                                   |                      |
| 1        | Customer Charge   | \$137.93             | 8,832           | \$1,218,198                  | \$145.82             | 8,832                             | \$1,287,882          |
|          | <b><u>DEMAND CHARGES</u></b>                                    |                      |                 |                              |                      |                                   |                      |
| 2        | All kW  | \$3.84               | 6,190,528       | \$23,771,629                 | \$3.99               | 6,190,528                         | \$24,700,207         |
| 3        | rkVA  | \$0.18               | 3,439,288       | \$619,072                    | \$0.18               | 3,439,288                         | \$619,072            |
| 4        | Voltage Discount kW   | (\$1.20)             | 2,368,017       | -\$2,841,621                 | (\$1.23)             | 2,368,017                         | (\$2,912,661)        |
|          | <b><u>ENERGY CHARGES</u></b>                                    |                      |                 |                              |                      |                                   |                      |
| 5        | All kWh   | \$0.00000            | 2,469,623,765   | \$0                          | \$0.00000            | 2,469,623,765                     | \$0                  |
| 6        | <b><u>TOTAL BASE NORMALIZED DISTRIBUTION REVENUES</u></b>       |                      |                 | <b>\$22,767,278</b>          |                      |                                   | <b>\$23,694,500</b>  |
| 7        | Smart Meter Technologies Charge (Per Bill)                      | \$0                  | 8,832           | \$0                          | \$0                  | 8,832                             | \$0                  |
| 8        | Distribution System Improvement Charge                          | 0.284%               | 2,469,623,765   | \$79,736                     | 0.000%               | 2,469,623,765                     | \$0                  |
| 9        | <b><u>TOTAL DISTRIBUTION INCLUDING RIDER CHANGES</u></b>        |                      |                 | <b>\$22,847,014</b>          |                      |                                   | <b>\$23,694,500</b>  |
|          | <b><u>RIDER CHARGES</u></b>                                     |                      |                 |                              |                      |                                   |                      |
| 10       | Default Service Support Charge (Per kW NSPL)                    | \$0.595              | 4,421,809       | \$1,557,452                  | \$0.595              | 4,421,809                         | \$1,557,452          |
| 11       | Phase II Energy Efficiency and Conservation Charge (Per kW PLC) | \$0.22               | 4,615,533       | \$601,942                    | \$0.22               | 4,615,533                         | \$601,942            |
| 12       | Hourly Priced Generation*                                       | \$0.05671            | 2,469,623,765   | \$140,052,364                | \$0.05671            | 2,469,623,765                     | \$140,060,500        |
| 13       | STAS  | 0%                   |                 | \$0                          | 0%                   |                                   | \$0                  |
| 14       | Total Energy and Revenue  |                      | 2,469,623,765   | <b>\$165,058,772</b>         |                      | 2,469,623,765                     | <b>\$165,914,394</b> |
| 15       | Avg rate per kWh  |                      |                 | \$0.06684                    |                      |                                   | \$0.06718            |
| 16       | Proposed Increase   |                      |                 |                              |                      |                                   | \$855,622            |
| 17       | Percent Increase  |                      |                 |                              |                      |                                   | 0.52%                |

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

**West Penn Power Company  
Primary Power Service - Schedule 40  
Revenue Effects of Settlement Rates - FTY 12/31/17**

| Line No. | Tariff No. 40   |                      |                 | Tariff No. 40, Supplement XX |                      |                                   |                      |
|----------|---|----------------------|-----------------|------------------------------|----------------------|-----------------------------------|----------------------|
|          | Current Rate<br>(1)   | Billing Units<br>(2) | Revenues<br>(3) | Settlement Rate<br>(4)       | Billing Units<br>(5) | Settlement Revenue<br>(6)=(4)x(5) |                      |
|          | <b><u>DISTRIBUTION CHARGES</u></b>                              |                      |                 |                              |                      |                                   |                      |
|          | <b><u>CUSTOMER CHARGES</u></b>                                  |                      |                 |                              |                      |                                   |                      |
| 1        | Customer Charge   | \$553.30             | 1,548           | \$856,508                    | \$983.20             | 1,476                             | \$1,451,203          |
|          | <b><u>DEMAND CHARGES</u></b>                                    |                      |                 |                              |                      |                                   |                      |
| 2        | All kW  | \$0.54               | 10,634,152      | \$5,742,443                  | \$0.61               | 10,634,152                        | \$6,486,833          |
| 3        | Transformer Charge kW   | \$0.96               | 2,477,448       | \$2,378,350                  | \$1.19               | 2,477,448                         | \$2,948,163          |
| 4        | rkVA  | \$0.18               | 2,287,680       | \$411,782                    | \$0.18               | 2,287,680                         | \$411,782            |
| 5        | Voltage Discount kW   | (\$0.43)             | 819,407         | -\$352,345                   | (\$0.50)             | 819,407                           | (\$409,704)          |
|          | <b><u>ENERGY CHARGES</u></b>                                    | \$0.00000            | 5,034,448,689   | \$0                          | \$0.00000            | 5,034,448,689                     | \$0                  |
| 6        | <b><u>TOTAL BASE NORMALIZED DISTRIBUTION REVENUES</u></b>       |                      |                 | <b>\$9,036,738</b>           |                      |                                   | <b>\$10,888,277</b>  |
| 7        | Smart Meter Technologies Charge (Per Bill)                      | \$0                  | 1,548           | \$0                          | \$0                  | 1,548                             | \$0                  |
| 8        | Distribution System Improvement Charge                          | 0.284%               | 5,034,448,689   | \$31,267                     | 0.000%               | 5,034,448,689                     | \$0                  |
| 9        | <b><u>TOTAL DISTRIBUTION INCLUDING RIDER CHANGES</u></b>        |                      |                 | <b>\$9,068,005</b>           |                      |                                   | <b>\$10,888,277</b>  |
|          | <b><u>RIDER CHARGES</u></b>                                     |                      |                 |                              |                      |                                   |                      |
| 10       | Default Service Support Charge (Per kW NSPL)                    | \$0.595              | 6,771,456       | \$623,297                    | \$0.595              | 6,771,456                         | \$623,297            |
| 11       | Phase II Energy Efficiency and Conservation Charge (Per kW PLC) | \$0.22               | 6,930,070       | \$275,580                    | \$0.22               | 6,930,070                         | \$275,580            |
| 12       | Hourly Priced Generation*                                       | \$0.05441            | 5,034,448,689   | \$273,924,353                | \$0.05441            | 5,034,448,689                     | \$273,940,938        |
| 13       | STAS  | 0%                   |                 | \$0                          | 0%                   |                                   | \$0                  |
| 14       | Total Energy and Revenue  |                      | 5,034,448,689   | <b>\$283,891,235</b>         |                      | 5,034,448,689                     | <b>\$285,728,092</b> |
| 15       | Avg rate per kWh  |                      |                 | <b>\$0.05639</b>             |                      |                                   | <b>\$0.05675</b>     |
| 16       | Proposed Increase   |                      |                 |                              |                      |                                   | \$1,836,857          |
| 17       | Percent Increase  |                      |                 |                              |                      |                                   | 0.65%                |

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

**West Penn Power Company**  
**Primary Power Service - Schedule 44**  
**Revenue Effects of Settlement Rates - FTY 12/31/17**

| Line No. | Tariff No. 40   |                      |                 | Tariff No. 40, Supplement XX |                      |                                   |                    |
|----------|---|----------------------|-----------------|------------------------------|----------------------|-----------------------------------|--------------------|
|          | Current Rate<br>(1)                                       | Billing Units<br>(2) | Revenues<br>(3) | Settlement Rate<br>(4)       | Billing Units<br>(5) | Settlement Revenue<br>(6)=(4)x(5) |                    |
|          | <b><u>DISTRIBUTION CHARGES</u></b>                        |                      |                 |                              |                      |                                   |                    |
|          | <b><u>CUSTOMER CHARGES</u></b>                            |                      |                 |                              |                      |                                   |                    |
| 1        | Customer Charge   | \$4.08               | 12              | \$49                         | \$4.08               | 12                                | \$49               |
|          | <b><u>DEMAND CHARGES</u></b>                              |                      |                 |                              |                      |                                   |                    |
| 2        | Point of Supply at Generating Stations kVA                | \$0.11               | 110,920         | \$12,201                     | \$0.11               | 110,920                           | \$12,201           |
| 3        | Point of Supply at Transmission Lines First 5,000 kVA     | \$0.09               | 0               | \$0                          | \$0.11               | 0                                 | \$0                |
| 4        | Point of Supply at Transmission Lines Additional kVA      | \$0.08               | 0               | \$0                          | \$0.11               | 0                                 | \$0                |
| 5        | Penalty Charge per Excess kVA                             | \$7.00               | 0               | \$0                          | \$7.00               | 0                                 | \$0                |
|          | <b><u>ENERGY CHARGES</u></b>                              |                      |                 |                              |                      |                                   |                    |
| 6        | Point of Supply at Transmission Lines kWh                 | \$0.00029            | 0               | \$0                          | \$0.00029            | 0                                 | \$0                |
| 7        | Point of Supply Generating Stations kWh                   | \$0.00029            | 65,648,514      | <u>\$19,038</u>              | \$0.00029            | 65,648,514                        | <u>\$19,038</u>    |
| 8        | <b><u>TOTAL BASE NORMALIZED DISTRIBUTION REVENUES</u></b> |                      |                 | <b>\$31,288</b>              |                      |                                   | <b>\$31,288</b>    |
| 9        | Smart Meter Technologies Charge (Per Bill)                | \$0.00               | 12              | <u>\$0</u>                   | \$0.00               | 12                                | <u>\$0</u>         |
| 10       | <b><u>TOTAL DISTRIBUTION INCLUDING RIDER CHANGES</u></b>  |                      |                 | <b>\$31,288</b>              |                      |                                   | <b>\$31,288</b>    |
|          | <b><u>RIDER CHARGES</u></b>                               |                      |                 |                              |                      |                                   |                    |
| 11       | Default Service Support Charge (Per kW NSPL)              | \$0.595              | 53,508          | \$11,857                     | \$0.595              | 53,508                            | \$11,857           |
| 12       | Phase II Energy Efficiency (Per kW PLC)                   | \$0.22               | 31,236          | \$25,459                     | \$0.22               | 31,236                            | \$25,459           |
| 13       | Hourly Priced Generation*                                 | \$0.05441            | 65,648,514      | \$3,571,936                  | \$0.05441            | 65,648,514                        | \$3,572,152        |
| 14       | STAS  | 0%                   |                 | \$0                          | 0%                   |                                   | \$0                |
| 15       | Total Energy and Revenue                                  |                      | 65,648,514      | <b>\$3,640,540</b>           |                      | 65,648,514                        | <b>\$3,640,756</b> |
| 16       | Avg rate per kWh  |                      |                 | <b>\$0.05546</b>             |                      |                                   | <b>\$0.05546</b>   |
| 17       | Proposed Increase   |                      |                 |                              |                      |                                   | \$216              |
| 18       | Percent Increase  |                      |                 |                              |                      |                                   | 0.01%              |

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

**West Penn Power Company  
Primary Power Service - Schedule 46  
Revenue Effects of Settlement Rates - FTY 12/31/17**

| Line No. | Tariff No. 40   |                      |                 | Tariff No. 40, Supplement XX |                      |                                   |                     |
|----------|---|----------------------|-----------------|------------------------------|----------------------|-----------------------------------|---------------------|
|          | Current Rate<br>(1)   | Billing Units<br>(2) | Revenues<br>(3) | Settlement Rate<br>(4)       | Billing Units<br>(5) | Settlement Revenue<br>(6)=(4)x(5) |                     |
|          | <b><u>DISTRIBUTION CHARGES</u></b>                              |                      |                 |                              |                      |                                   |                     |
|          | <b><u>CUSTOMER CHARGES</u></b>                                  |                      |                 |                              |                      |                                   |                     |
| 1        | Customer Charge   | \$4.04               | 24              | \$97                         | \$5.45               | 24                                | \$131               |
|          | <b><u>DEMAND CHARGES</u></b>                                    |                      |                 |                              |                      |                                   |                     |
| 2        | First Block (0-30,000) kVA                                      | \$0.450              | 720,000         | \$324,000                    | \$0.520              | 720,000                           | \$374,400           |
| 3        | Second Block (Next 30,000) kVA                                  | \$0.430              | 720,000         | \$309,600                    | \$0.520              | 720,000                           | \$374,400           |
| 4        | Third Block (Over 60,000) kVA                                   | \$0.440              | 2,128,274       | \$936,440                    | \$0.520              | 2,128,274                         | \$1,106,702         |
| 5        | Voltage Discount kW   | (\$0.14)             | 0               | \$0                          | (\$0.14)             | 0                                 | \$0                 |
|          | <b><u>ENERGY CHARGES</u></b>                                    |                      |                 |                              |                      |                                   |                     |
| 6        | First Block (0 to 30,000,000 kWh)                               | \$0.00092            | 720,000,000     | \$662,400                    | \$0.00104            | 720,000,000                       | \$748,800           |
| 7        | Second Block (Over 30,000,000 to 530 kWh/kVA)                   | \$0.00089            | 727,976,236     | \$647,898                    | \$0.00104            | 727,976,236                       | \$757,095           |
| 8        | Third Block (Over 530 kWh/kVA)                                  | \$0.00084            | 0               | \$0                          | \$0.00104            | 0                                 | \$0                 |
| 9        | All kWh   |                      | 1,447,976,236   | <u>\$1,310,298</u>           |                      | 1,447,976,236                     | <u>\$1,505,895</u>  |
| 10       | <b><u>TOTAL BASE NORMALIZED DISTRIBUTION REVENUES</u></b>       |                      |                 | <b>\$2,880,435</b>           |                      |                                   | <b>\$3,361,528</b>  |
| 11       | Smart Meter Technologies Charge (Per Bill)                      | \$0                  | 24              | <u>\$0</u>                   | \$0                  | 24                                | <u>\$0</u>          |
| 12       | <b><u>TOTAL DISTRIBUTION INCLUDING RIDER CHANGES</u></b>        |                      |                 | <b>\$2,880,435</b>           |                      |                                   | <b>\$3,361,528</b>  |
|          | <b><u>RIDER CHARGES</u></b>                                     |                      |                 |                              |                      |                                   |                     |
| 13       | Default Service Support Charge (Per kW NSPL)                    | \$0.595              | 1,585,040       | \$2,023,269                  | \$0.595              | 1,585,040                         | \$2,023,269         |
| 14       | Phase II Energy Efficiency and Conservation Charge (Per kW PLC) | \$0.22               | 1,716,300       | \$654,721                    | \$0.22               | 1,716,300                         | \$654,721           |
| 15       | Hourly Priced Generation*                                       | \$0.05441            | 1,447,976,236   | \$78,784,387                 | \$0.05441            | 1,447,976,236                     | \$78,789,157        |
| 16       | STAS  | 0%                   |                 | \$0                          | 0%                   |                                   | \$0                 |
| 17       | Total Energy and Revenue  |                      | 1,447,976,236   | <b>\$84,342,812</b>          |                      | 1,447,976,236                     | <b>\$84,828,675</b> |
| 18       | Avg rate per kWh  |                      |                 | <b>\$0.05825</b>             |                      |                                   | <b>\$0.05858</b>    |
| 19       | Proposed Increase   |                      |                 |                              |                      |                                   | \$485,863           |
| 20       | Percent Increase  |                      |                 |                              |                      |                                   | 0.58%               |

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



**West Penn Power Company**  
**Street Lighting Service - Schedule 51**  
**Revenue Effects of Settlement Rates - FTY 12/31/17**

| Line No. | Tariff No. 40   |                      |                    | Tariff No. 40, Supplement XX |                      |                                   |
|----------|---|----------------------|--------------------|------------------------------|----------------------|-----------------------------------|
|          | Current Rate<br>(1)                                       | Billing Units<br>(2) | Revenues<br>(3)    | Settlement Rate<br>(4)       | Billing Units<br>(5) | Settlement Revenue<br>(6)=(4)x(5) |
|          | <b><u>MERCURY VAPOR</u></b>                               |                      |                    |                              |                      |                                   |
| 1        | 175 WATTS   |                      |                    |                              |                      |                                   |
|          | \$8.31  | 205,887              | \$1,710,922        | \$10.17                      | 205,887              | \$2,093,871                       |
| 2        | 175 WATTS- Short Term                                     |                      |                    |                              |                      |                                   |
|          | \$9.14  | 0                    | \$0                | \$11.19                      | 0                    | \$0                               |
| 3        | 250 WATTS   |                      |                    |                              |                      |                                   |
|          | \$11.48   | 19,101               | \$219,279          | \$14.07                      | 19,101               | \$268,751                         |
| 4        | 250 WATTS- Short Term                                     |                      |                    |                              |                      |                                   |
|          | \$12.63   | 0                    | \$0                | \$15.48                      | 0                    | \$0                               |
| 5        | 400 WATTS   |                      |                    |                              |                      |                                   |
|          | \$14.11   | 10,236               | \$144,430          | \$17.29                      | 10,236               | \$176,980                         |
| 6        | 400 WATTS- Short Term                                     |                      |                    |                              |                      |                                   |
|          | \$15.52   | 167                  | \$2,592            | \$19.02                      | 167                  | \$3,176                           |
| 7        | 1,000 WATTS   |                      |                    |                              |                      |                                   |
|          | \$21.87   | 884                  | \$19,333           | \$26.81                      | 884                  | \$23,700                          |
| 8        | 1,000 WATTS- Short Term                                   |                      |                    |                              |                      |                                   |
|          | \$24.06   | 32                   | \$770              | \$29.49                      | 32                   | \$944                             |
| 9        | <b><u>TOTAL BASE NORMALIZED DISTRIBUTION REVENUES</u></b> |                      | <b>\$2,097,326</b> |                              |                      | <b>\$2,567,422</b>                |
| 10       | Smart Meter Technologies Charge (Per Bill)                |                      |                    |                              |                      |                                   |
|          | \$0   | 0                    | \$0                | \$0                          | 0                    | \$0                               |
| 11       | Distribution System Improvement Charge                    |                      |                    |                              |                      |                                   |
|          | 0.284%  | 19,007,524           | \$10,953           | 0.000%                       | 19,007,524           | \$0                               |
| 12       | <b><u>TOTAL DISTRIBUTION INCLUDING RIDER CHANGES</u></b>  |                      | <b>\$2,108,279</b> |                              |                      | <b>\$2,567,422</b>                |
|          | <b><u>RIDER CHARGES</u></b>                               |                      |                    |                              |                      |                                   |
| 13       | Default Service Support Charge                            |                      |                    |                              |                      |                                   |
|          | \$0.00143   | 19,007,524           | \$39,727           | \$0.00150                    | 19,007,524           | \$40,638                          |
| 14       | Phase II Energy Efficiency and Conservation Charge        |                      |                    |                              |                      |                                   |
|          | \$0.00145   | 19,007,524           | \$32,486           | \$0.00145                    | 19,007,524           | \$32,486                          |
| 15       | PTC*  |                      |                    |                              |                      |                                   |
|          | \$0.07547   | 19,007,524           | \$1,434,498        | \$0.07547                    | 19,007,524           | \$1,434,498                       |
| 16       | STAS  |                      |                    |                              |                      |                                   |
|          | 0%  |                      | \$0                | 0%                           |                      | \$0                               |
| 17       | Total Energy and Revenue                                  |                      |                    |                              |                      |                                   |
|          |   | 19,007,524           | <b>\$3,614,990</b> |                              | 19,007,524           | <b>\$4,075,044</b>                |
| 18       | Avg rate per kWh  |                      |                    |                              |                      |                                   |
|          |   |                      | <b>\$0.19019</b>   |                              |                      | <b>\$0.21439</b>                  |
| 19       | Proposed Increase   |                      |                    |                              |                      | \$460,054                         |
| 20       | Percent Increase  |                      |                    |                              |                      | 12.73%                            |

\* Total wires kWh used for illustrative purposes

**West Penn Power Company  
Outdoor Lighting Service - Schedule 52  
Revenue Effects of Settlement Rates - FTY 12/31/17**

| Line No. |  | Tariff No. 40       |                      |                    | Tariff No. 40, Supplement XX |                      |                                   |
|----------|--|---------------------|----------------------|--------------------|------------------------------|----------------------|-----------------------------------|
|          |  | Current Rate<br>(1) | Billing Units<br>(2) | Revenues<br>(3)    | Settlement Rate<br>(4)       | Billing Units<br>(5) | Settlement Revenue<br>(6)=(4)x(5) |
|          | <b><u>HIGH PRESSURE SODIUM VAPOR</u></b>                                   |                     |                      |                    |                              |                      |                                   |
| 1        | 100 WATTS  | \$10.72             | 81,311               | \$871,654          | \$11.72                      | 81,311               | \$952,965                         |
|          | <b><u>MERCURY VAPOR</u></b>  |                     |                      |                    |                              |                      |                                   |
| 2        | 100 WATTS  | \$7.99              | 8,666                | \$69,241           | \$8.75                       | 8,666                | \$75,828                          |
| 3        | 175 WATTS  | \$8.99              | 119,552              | \$1,074,772        | \$9.86                       | 119,552              | \$1,178,783                       |
| 4        | 400 WATTS  | \$14.62             | 142                  | <u>\$2,076</u>     | \$16.04                      | 142                  | <u>\$2,278</u>                    |
| 5        | <b><u>TOTAL BASE NORMALIZED DISTRIBUTION REVENUES</u></b>                  |                     |                      | <b>\$2,017,743</b> |                              |                      | <b>\$2,209,854</b>                |
| 6        | Smart Meter Technologies Charge (Per Bill)                                 | \$0                 | 0                    | \$0                | \$0                          | 0                    | \$0                               |
| 7        | Distribution System Improvement Charge                                     | 0.284%              | 13,243,381           | <u>\$7,632</u>     | 0.000%                       | 13,243,381           | <u>\$0</u>                        |
| 8        | <b><u>TOTAL DISTRIBUTION INCLUDING RIDER CHANGES<br/>RIDER CHARGES</u></b> |                     |                      | <b>\$2,025,375</b> |                              |                      | <b>\$2,209,854</b>                |
| 9        | Default Service Support Charge   | \$0.00143           | 13,243,381           | \$27,679           | \$0.00150                    | 13,243,381           | \$28,314                          |
| 10       | Phase II Energy Efficiency and Conservation Charge                         | \$0.00145           | 13,243,381           | \$22,635           | \$0.00145                    | 13,243,381           | \$22,635                          |
| 11       | PTC*   | \$0.07547           | 13,243,381           | \$999,478          | \$0.07547                    | 13,243,381           | \$999,478                         |
| 12       | STAS   | 0%                  |                      | \$0                | 0%                           |                      | \$0                               |
| 13       | Total Energy and Revenue   |                     | 13,243,381           | <b>\$3,075,167</b> |                              | 13,243,381           | <b>\$3,260,281</b>                |
| 14       | Avg rate per kWh   |                     |                      | <b>\$0.23220</b>   |                              |                      | <b>\$0.24618</b>                  |
| 15       | Proposed Increase  |                     |                      |                    |                              |                      | \$185,114                         |
| 16       | Percent Increase   |                     |                      |                    |                              |                      | 6.02%                             |

\* Total wires kWh used for illustrative purposes

**West Penn Power Company  
Street and Area Lighting - Schedule 53  
Revenue Effects of Settlement Rates - FTY 12/31/17**

| Line No.  |   | Tariff No. 40       |                      |                  | Tariff No. 40, Supplement XX |                      |                                   |
|---|---|---------------------|----------------------|------------------|------------------------------|----------------------|-----------------------------------|
|   |   | Current Rate<br>(1) | Billing Units<br>(2) | Revenues<br>(3)  | Settlement Rate<br>(4)       | Billing Units<br>(5) | Settlement Revenue<br>(6)=(4)x(5) |
| <b><u>OVERHEAD SERVICE</u></b>                                |   |                     |                      |                  |                              |                      |                                   |
| 1   | 100 WATTS   | \$10.71             | 30,863               | \$330,543        | \$13.12                      | 30,863               | \$404,923                         |
| 2   | 100 WATTS- Long Term                                      | \$10.21             | 564                  | \$5,758          | \$12.62                      | 564                  | \$7,118                           |
| 3   | 200 WATTS   | \$14.25             | 4,522                | \$64,439         | \$17.47                      | 4,522                | \$78,999                          |
| 4   | 200 WATTS- Long Term                                      | \$13.75             | 1,112                | \$15,290         | \$16.97                      | 1,112                | \$18,871                          |
| 5   | 400 WATTS   | \$20.61             | 960                  | \$19,786         | \$25.27                      | 960                  | \$24,259                          |
| 6   | 400 WATTS- Long Term                                      | \$20.11             | 220                  | \$4,424          | \$24.77                      | 220                  | \$5,449                           |
| 7   | 400 WATTS- FL   | \$20.62             | 3,284                | \$67,716         | \$25.29                      | 3,284                | \$83,052                          |
| 8   | 400 WATTS- FL- Long Term                                  | \$20.12             | 960                  | \$19,315         | \$24.79                      | 960                  | \$23,798                          |
| <b><u>UNDERGROUND SERVICE</u></b>                             |   |                     |                      |                  |                              |                      |                                   |
| <b><u>LOW MOUNT</u></b>                                       |   |                     |                      |                  |                              |                      |                                   |
| 9   | 100 WATTS   | \$18.62             | 744                  | \$13,853         | \$22.83                      | 744                  | \$16,986                          |
| 10  | 100 WATTS- Long Term                                      | \$18.12             | 252                  | \$4,566          | \$22.33                      | 252                  | \$5,627                           |
| <b><u>HIGH MOUNT - SINGLE LUMINAIRE PER POLE</u></b>          |   |                     |                      |                  |                              |                      |                                   |
| 11  | 100 WATTS   | \$38.98             | 0                    | \$0              | \$44.79                      | 0                    | \$0                               |
| 12  | 100 WATTS- Long Term                                      | \$38.48             | 60                   | \$2,309          | \$44.29                      | 60                   | \$2,657                           |
| 13  | 200 WATTS   | \$36.23             | 24                   | \$870            | \$44.44                      | 24                   | \$1,067                           |
| 14  | 200 WATTS- Long Term                                      | \$35.73             | 264                  | \$9,433          | \$43.94                      | 264                  | \$11,600                          |
| 15  | 400 WATTS   | \$39.35             | 84                   | \$3,305          | \$48.23                      | 84                   | \$4,051                           |
| 16  | 400 WATTS- Long Term                                      | \$38.85             | 132                  | \$5,128          | \$47.73                      | 132                  | \$6,300                           |
| <b><u>HIGH MOUNT - EACH ADDITIONAL LUMINAIRE PER POLE</u></b> |   |                     |                      |                  |                              |                      |                                   |
| 17  | 100 WATTS   | \$18.68             | 0                    | \$0              | \$21.46                      | 0                    | \$0                               |
| 18  | 100 WATTS- Long Term                                      | \$18.18             | 12                   | \$218            | \$20.96                      | 12                   | \$252                             |
| 19  | 200 WATTS   | \$18.66             | 12                   | \$224            | \$22.88                      | 12                   | \$275                             |
| 20  | 200 WATTS- Long Term                                      | \$18.16             | 12                   | \$218            | \$22.38                      | 12                   | \$269                             |
| 21  | 400 WATTS   | \$21.75             | 60                   | \$1,305          | \$26.66                      | 60                   | \$1,600                           |
| 22  | 400 WATTS- Long Term                                      | \$21.25             | 0                    | \$0              | \$24.42                      | 0                    | \$0                               |
| 23  | <b><u>TOTAL BASE NORMALIZED DISTRIBUTION REVENUES</u></b> |                     |                      | <b>\$568,700</b> |                              |                      | <b>\$697,153</b>                  |
| 24  | Smart Meter Technologies Charge (Per Bill)                | \$0                 | 0                    | \$0              | \$0                          | 0                    | \$0                               |
| 25  | Distribution System Improvement Charge                    | 0.284%              | 3,082,491            | \$1,776          | 0.000%                       | 3,082,491            | \$0                               |
| 26  | <b><u>TOTAL DISTRIBUTION INCLUDING RIDER CHANGES</u></b>  |                     |                      | <b>\$570,476</b> |                              |                      | <b>\$697,153</b>                  |
| <b><u>RIDER CHARGES</u></b>                                   |   |                     |                      |                  |                              |                      |                                   |
| 27  | Default Service Support Charge                            | \$0.00143           | 3,082,491            | \$6,443          | \$0.00150                    | 3,082,491            | \$6,591                           |
| 28  | Phase II Energy Efficiency and Conservation Charge        | \$0.00145           | 3,082,491            | \$5,268          | \$0.00145                    | 3,082,491            | \$5,268                           |
| 29  | PTC*  | \$0.07547           | 3,082,491            | \$232,636        | \$0.07547                    | 3,082,491            | \$232,636                         |
| 30  | STAS  | 0%                  |                      | \$0              | 0%                           |                      | \$0                               |
| 31  | Total Energy and Revenue                                  |                     | 3,082,491            | <b>\$814,823</b> |                              | 3,082,491            | <b>\$941,648</b>                  |
| 32  | Avg rate per kWh  |                     |                      | <b>\$0.26434</b> |                              |                      | <b>\$0.30548</b>                  |
| 33  | Proposed Increase   |                     |                      |                  |                              |                      | \$126,824                         |
| 34  | Percent Increase  |                     |                      |                  |                              |                      | 15.56%                            |

\* Total wires kWh used for illustrative purposes

**West Penn Power Company**  
**Street Lighting Service - Schedule 54**  
**Revenue Effects of Settlement Rates - FTY 12/31/17**

| Line No. | Tariff No. 40   |                      |                 | Tariff No. 40, Supplement XX |                      |                                   |                  |
|----------|---|----------------------|-----------------|------------------------------|----------------------|-----------------------------------|------------------|
|          | Current Rate<br>(1)                                       | Billing Units<br>(2) | Revenues<br>(3) | Settlement Rate<br>(4)       | Billing Units<br>(5) | Settlement Revenue<br>(6)=(4)x(5) |                  |
|          | <b><u>HIGH PRESSURE SODIUM VAPOR</u></b>                  |                      |                 |                              |                      |                                   |                  |
| 1        | 100 WATTS   | \$10.12              | 36,204          | \$366,384                    | \$12.39              | 36,204                            | \$448,568        |
| 2        | 200 WATTS   | \$13.69              | 8,612           | \$117,898                    | \$16.78              | 8,612                             | \$144,509        |
| 3        | 400 WATTS   | \$20.03              | 965             | <u>\$19,329</u>              | \$24.56              | 965                               | <u>\$23,700</u>  |
| 4        | <b><u>TOTAL BASE NORMALIZED DISTRIBUTION REVENUES</u></b> |                      |                 | <b>\$503,611</b>             |                      |                                   | <b>\$616,777</b> |
| 5        | Smart Meter Technologies Charge (Per Bill)                | \$0                  | 0               | \$0                          | \$0                  | 0                                 | \$0              |
| 6        | Distribution System Improvement Charge                    | 0.284%               | 2,714,716       | <u>\$1,564</u>               | 0.000%               | 2,714,716                         | <u>\$0</u>       |
| 7        | <b><u>TOTAL DISTRIBUTION INCLUDING RIDER CHANGES</u></b>  |                      |                 | <b>\$505,175</b>             |                      |                                   | <b>\$616,777</b> |
|          | <b><u>RIDER CHARGES</u></b>                               |                      |                 |                              |                      |                                   |                  |
| 8        | Default Service Support Charge                            | \$0.00143            | 2,714,716       | \$5,674                      | \$0.00150            | 2,714,716                         | \$5,804          |
| 9        | Phase II Energy Efficiency and Conservation Charge        | \$0.00145            | 2,714,716       | \$4,640                      | \$0.00145            | 2,714,716                         | \$4,640          |
| 10       | PTC*  | \$0.07547            | 2,714,716       | \$204,880                    | \$0.07547            | 2,714,716                         | \$204,880        |
| 11       | STAS  | 0%                   |                 | \$0                          | 0%                   |                                   | \$0              |
| 12       | Total Energy and Revenue                                  |                      | 2,714,716       | <b>\$720,369</b>             |                      | 2,714,716                         | <b>\$832,101</b> |
| 13       | Avg rate per kWh  |                      |                 | <b>\$0.26536</b>             |                      |                                   | <b>\$0.30651</b> |
| 14       | Proposed Increase   |                      |                 |                              |                      |                                   | \$111,732        |
| 15       | Percent Increase  |                      |                 |                              |                      |                                   | 15.51%           |

\* Total wires kWh used for illustrative purposes

**West Penn Power Company**  
**Area Lighting Service Underground Distribution - Schedule 55**  
**Revenue Effects of Settlement Rates - FTY 12/31/17**

| Line No.  | Tariff No. 40   |                      |                 | Tariff No. 40, Supplement XX |                      |                                   |                  |
|---|---|----------------------|-----------------|------------------------------|----------------------|-----------------------------------|------------------|
|   | Current Rate<br>(1)                                       | Billing Units<br>(2) | Revenues<br>(3) | Settlement Rate<br>(4)       | Billing Units<br>(5) | Settlement Revenue<br>(6)=(4)x(5) |                  |
| <b><u>SODIUM VAPOR</u></b>                                    |   |                      |                 |                              |                      |                                   |                  |
| <b><u>LOW MOUNT</u></b>                                       |   |                      |                 |                              |                      |                                   |                  |
| 1   | 100 WATTS   |                      |                 |                              |                      |                                   |                  |
|   |   | \$18.05              | 4,251           | \$76,731                     | \$22.12              | 4,251                             | \$94,032         |
| <b><u>HIGH MOUNT - SINGLE LUMINAIRE PER POLE</u></b>          |   |                      |                 |                              |                      |                                   |                  |
| 2   | 100 WATTS   | \$33.24              | 108             | \$3,590                      | \$40.75              | 108                               | \$4,401          |
| 3   | 200 WATTS   | \$35.64              | 36              | \$1,283                      | \$43.69              | 36                                | \$1,573          |
| 4   | 400 WATTS   | \$44.67              | 0               | \$0                          | \$51.33              | 0                                 | \$0              |
| <b><u>HIGH MOUNT - EACH ADDITIONAL LUMINAIRE PER POLE</u></b> |   |                      |                 |                              |                      |                                   |                  |
| 5   | 100 WATTS   | \$18.00              | 0               | \$0                          | 20.68                | 0                                 | \$0              |
| 6   | 200 WATTS   | \$18.01              | 36              | \$648                        | \$22.07              | 36                                | \$795            |
| 7   | 400 WATTS   | \$24.39              | 0               | \$0                          | 28.03                | 0                                 | \$0              |
| <b><u>MERCURY VAPOR</u></b>                                   |   |                      |                 |                              |                      |                                   |                  |
| 8   | 175 WATTS   | \$15.48              | 1,411           | <u>\$21,842</u>              | \$18.97              | 1,411                             | <u>\$26,767</u>  |
| 9   | <b><u>TOTAL BASE NORMALIZED DISTRIBUTION REVENUES</u></b> |                      |                 | <b>\$104,094</b>             |                      |                                   | <b>\$127,568</b> |
| 10  | Smart Meter Technologies Charge (Per Bill)                | \$0                  | 0               | \$0                          | \$0                  | 0                                 | \$0              |
| 11  | Distribution System Improvement Charge                    | 0.284%               | 328,860         | <u>\$190</u>                 | 0.000%               | 328,860                           | <u>\$0</u>       |
| 12  | <b><u>TOTAL DISTRIBUTION INCLUDING RIDER CHANGES</u></b>  |                      |                 | <b>\$104,284</b>             |                      |                                   | <b>\$127,568</b> |
| <b><u>RIDER CHARGES</u></b>                                   |   |                      |                 |                              |                      |                                   |                  |
| 13  | Default Service Support Charge                            | \$0.00143            | 328,860         | \$687                        | \$0.00150            | 328,860                           | \$703            |
| 14  | Phase II Energy Efficiency and Conservation Charge        | \$0.00145            | 328,860         | \$562                        | \$0.00145            | 328,860                           | \$562            |
| 15  | PTC*  | \$0.07547            | 328,860         | \$24,819                     | \$0.07547            | 328,860                           | \$24,819         |
| 16  | STAS  | 0%                   |                 | \$0                          | 0%                   |                                   | \$0              |
| 17  | Total Energy and Revenue                                  |                      | 328,860         | <b>\$130,352</b>             |                      | 328,860                           | <b>\$153,652</b> |
| 18  | Avg rate per kWh  |                      |                 | <b>\$0.39637</b>             |                      |                                   | <b>\$0.46723</b> |
| 19  | Proposed Increase   |                      |                 |                              |                      |                                   | \$23,300         |
| 20  | Percent Increase  |                      |                 |                              |                      |                                   | 17.87%           |

\* Total wires kWh used for illustrative purposes

**West Penn Power Company**  
**Street Lighting Service Customer Owned Equipment - Schedule 56**  
**Revenue Effects of Settlement Rates - FTY 12/31/17**

| Line No.                                 | Tariff No. 40   |                      |                 | Tariff No. 40, Supplement XX |                      |                                   |                 |
|--|---|----------------------|-----------------|------------------------------|----------------------|-----------------------------------|-----------------|
|  | Current Rate<br>(1)                                       | Billing Units<br>(2) | Revenues<br>(3) | Settlement Rate<br>(4)       | Billing Units<br>(5) | Settlement Revenue<br>(6)=(4)x(5) |                 |
| <b><u>HIGH PRESSURE SODIUM VAPOR</u></b> |   |                      |                 |                              |                      |                                   |                 |
| 1  | 100 WATTS - CUSTOMER POLE                                 | \$4.12               | 350             | \$1,442                      | \$5.05               | 350                               | \$1,768         |
| 2  | 100 WATTS - COMPANY POLE                                  | \$5.46               | 36              | \$197                        | \$6.71               | 36                                | \$242           |
| 3  | 200 WATTS - CUSTOMER POLE                                 | \$6.82               | 1,664           | \$11,348                     | \$8.36               | 1,664                             | \$13,911        |
| 4  | 200 WATTS - COMPANY POLE                                  | \$9.44               | 0               | \$0                          | \$10.85              | 0                                 | \$0             |
| 5  | 400 WATTS - CUSTOMER POLE                                 | \$11.12              | 229             | \$2,546                      | \$13.63              | 229                               | \$3,121         |
| 6  | 400 WATTS - COMPANY POLE                                  | \$14.38              | 0               | \$0                          | \$16.53              | 0                                 | \$0             |
| <b><u>MERCURY VAPOR</u></b>              |   |                      |                 |                              |                      |                                   |                 |
| 7  | 175 WATTS - CUSTOMER POLE                                 | \$5.28               | 0               | \$0                          | \$6.06               | 0                                 | \$0             |
| 8  | 175 WATTS - COMPANY POLE                                  | \$6.83               | 0               | \$0                          | \$7.85               | 0                                 | \$0             |
| 9  | 250 WATTS - CUSTOMER POLE                                 | \$7.10               | 0               | \$0                          | \$8.16               | 0                                 | \$0             |
| 10                                       | 250 WATTS - COMPANY POLE                                  | \$8.68               | 0               | \$0                          | \$9.98               | 0                                 | \$0             |
| 11                                       | 400 WATTS - CUSTOMER POLE                                 | \$9.13               | 0               | \$0                          | \$10.49              | 0                                 | \$0             |
| 12                                       | 400 WATTS - COMPANY POLE                                  | \$10.71              | 0               | \$0                          | \$12.31              | 0                                 | \$0             |
| 13                                       | 1,000 WATTS - CUSTOMER POLE                               | \$13.91              | 0               | \$0                          | \$15.98              | 0                                 | \$0             |
| 14                                       | 1,000 WATTS - COMPANY POLE                                | \$15.49              | 0               | \$0                          | \$17.80              | 0                                 | \$0             |
| 15                                       | <b><u>TOTAL BASE NORMALIZED DISTRIBUTION REVENUES</u></b> |                      |                 | <b>\$15,533</b>              |                      |                                   | <b>\$19,042</b> |
| 16                                       | Smart Meter Technologies Charge (Per Bill)                | \$0                  | 0               | \$0                          | \$0                  | 0                                 | \$0             |
| 17                                       | Distribution System Improvement Charge                    | 0.284%               | 198,584         | \$114                        | 0.000%               | 198,584                           | \$0             |
| 18                                       | <b><u>TOTAL DISTRIBUTION INCLUDING RIDER CHANGES</u></b>  |                      |                 | <b>\$15,647</b>              |                      |                                   | <b>\$19,042</b> |
| <b><u>RIDER CHARGES</u></b>              |   |                      |                 |                              |                      |                                   |                 |
| 19                                       | Default Service Support Charge                            | \$0.00143            | 198,584         | \$415                        | \$0.00150            | 198,584                           | \$425           |
| 20                                       | Phase II Energy Efficiency and Conservation Charge        | \$0.00145            | 198,584         | \$339                        | \$0.00145            | 198,584                           | \$339           |
| 21                                       | PTC*  | \$0.07547            | 198,584         | \$14,987                     | \$0.07547            | 198,584                           | \$14,987        |
| 22                                       | STAS  | 0%                   |                 | \$0                          | 0%                   |                                   | \$0             |
| 23                                       | Total Energy and Revenue                                  |                      | 198,584         | \$31,388                     |                      | 198,584                           | \$34,793        |
| 24                                       | Avg rate per kWh  |                      |                 | \$0.15806                    |                      |                                   | \$0.17520       |
| 25                                       | Proposed Increase   |                      |                 |                              |                      |                                   | \$3,404         |
| 26                                       | Percent Increase  |                      |                 |                              |                      |                                   | 10.85%          |

\* Total wires kWh used for illustrative purposes

**West Penn Power Company**  
**Outdoor Lighting Equipment, Maintenance and Unmetered Service - Schedule 57**  
**Revenue Effects of Settlement Rates - FTY 12/31/17**

| Line No.  |                                       | Tariff No. 40       |                      |                 | Tariff No. 40, Supplement XX |                      |                                   |
|---|---------------------------------------|---------------------|----------------------|-----------------|------------------------------|----------------------|-----------------------------------|
|   |                                       | Current Rate<br>(1) | Billing Units<br>(2) | Revenues<br>(3) | Settlement Rate<br>(4)       | Billing Units<br>(5) | Settlement Revenue<br>(6)=(4)x(5) |
| <b><u>OVERHEAD SERVICE</u></b>                                |                                       |                     |                      |                 |                              |                      |                                   |
| <b><u>HIGH PRESSURE SODIUM VAPOR - VERTICAL OPEN LENS</u></b> |                                       |                     |                      |                 |                              |                      |                                   |
| 1   | 100 WATTS - NEW POLE                  | \$19.53             | 2,941                | \$57,438        | \$21.41                      | 2,941                | \$62,967                          |
| 2   | 100 WATTS - NEW POLE- Long Term       | \$19.03             | 385                  | \$7,327         | \$20.91                      | 385                  | \$8,050                           |
| 3   | 100 WATTS - EXISITING POLE            | \$10.87             | 79,868               | \$868,165       | \$11.92                      | 79,868               | \$952,027                         |
| 4   | 100 WATTS - EXISITING POLE- Long Term | \$10.37             | 1,730                | \$17,940        | \$11.42                      | 1,730                | \$19,757                          |
| <b><u>MERCURY VAPOR - COBRA HEAD</u></b>                      |                                       |                     |                      |                 |                              |                      |                                   |
| 5   | 175 WATTS - CUSTOMER POLE             | \$8.81              | 2,632                | \$23,188        | \$9.68                       | 2,632                | \$25,478                          |
| 6   | 175 WATTS - CUSTOMER POLE- Long Term  | \$8.31              | 897                  | \$7,454         | \$9.18                       | 897                  | \$8,234                           |
| <b><u>HIGH PRESSURE SODIUM VAPOR - COBRA HEAD</u></b>         |                                       |                     |                      |                 |                              |                      |                                   |
| 7   | 100 WATTS                             | \$10.71             | 20,567               | \$220,273       | \$11.72                      | 20,567               | \$241,045                         |
| 8   | 100 WATTS- Long Term                  | \$10.21             | 161,475              | \$1,648,660     | \$11.22                      | 161,475              | \$1,811,750                       |
| 9   | 200 WATTS                             | \$14.26             | 9,761                | \$139,192       | \$15.65                      | 9,761                | \$152,760                         |
| 10  | 200 WATTS- Long Term                  | \$13.76             | 30,249               | \$416,226       | \$15.15                      | 30,249               | \$458,272                         |
| 11  | 400 WATTS                             | \$20.62             | 2,138                | \$44,086        | \$22.61                      | 2,138                | \$48,340                          |
| 12  | 400 WATTS- Long Term                  | \$20.12             | 3,081                | \$61,990        | \$22.11                      | 3,081                | \$68,121                          |
| <b><u>METAL HALIDE - COBRA HEAD</u></b>                       |                                       |                     |                      |                 |                              |                      |                                   |
| 13  | 100 WATTS                             | \$15.22             | 456                  | \$6,940         | \$16.70                      | 456                  | \$7,615                           |
| 14  | 100 WATTS- Long Term                  | \$14.72             | 0                    | \$0             | \$16.20                      | 0                    | \$0                               |
| 15  | 175 WATTS                             | \$15.22             | 493                  | \$7,503         | \$16.70                      | 493                  | \$8,233                           |
| 16  | 175 WATTS- Long Term                  | \$14.72             | 397                  | \$5,844         | \$16.20                      | 397                  | \$6,431                           |
| 17  | 400 WATTS                             | \$22.23             | 1,224                | \$27,210        | \$24.38                      | 1,224                | \$29,841                          |
| 18  | 400 WATTS- Long Term                  | \$21.73             | 951                  | \$20,665        | \$23.88                      | 951                  | \$22,710                          |
| 19  | 1,000 WATTS                           | \$32.11             | 204                  | \$6,550         | \$35.24                      | 204                  | \$7,189                           |
| 20  | 1,000 WATTS- Long Term                | \$31.61             | 108                  | \$3,414         | \$34.74                      | 108                  | \$3,752                           |
| <b><u>HIGH PRESSURE SODIUM VAPOR - FLOODLIGHT</u></b>         |                                       |                     |                      |                 |                              |                      |                                   |
| 21  | 200 WATTS                             | \$16.15             | 5,245                | \$84,707        | \$17.72                      | 5,245                | \$92,941                          |
| 22  | 200 WATTS- Long Term                  | \$15.65             | 385                  | \$6,025         | \$17.22                      | 385                  | \$6,630                           |
| 23  | 400 WATTS                             | \$22.38             | 6,229                | \$139,405       | \$24.56                      | 6,229                | \$152,984                         |
| 24  | 400 WATTS- Long Term                  | \$21.88             | 613                  | \$13,412        | \$24.06                      | 613                  | \$14,749                          |
| <b><u>METAL HALIDE - FLOODLIGHT</u></b>                       |                                       |                     |                      |                 |                              |                      |                                   |
| 25  | 400 WATTS                             | \$22.59             | 3,408                | \$76,987        | \$24.79                      | 3,408                | \$84,484                          |
| 26  | 400 WATTS- Long Term                  | \$22.09             | 108                  | \$2,386         | \$24.29                      | 108                  | \$2,623                           |
| 27  | 1,000 WATTS                           | \$32.11             | 2,544                | \$81,688        | \$35.24                      | 2,544                | \$89,651                          |
| 28  | 1,000 WATTS- Long Term                | \$31.61             | 168                  | \$5,310         | \$34.74                      | 168                  | \$5,836                           |

**West Penn Power Company**  
**Outdoor Lighting Equipment, Maintenance and Unmetered Service - Schedule 57**  
**Revenue Effects of Settlement Rates - FTY 12/31/17**

| Line<br>No.  | Tariff No. 40         |                      |                 | Tariff No. 40, Supplement XX |                      |                                   |           |
|--|-----------------------|----------------------|-----------------|------------------------------|----------------------|-----------------------------------|-----------|
|  | Current Rate<br>(1)   | Billing Units<br>(2) | Revenues<br>(3) | Settlement Rate<br>(4)       | Billing Units<br>(5) | Settlement Revenue<br>(6)=(4)x(5) |           |
| <b><u>UNDERGROUND SERVICE</u></b>  |                       |                      |                 |                              |                      |                                   |           |
| <b><u>HIGH PRESSURE SODIUM VAPOR - COLONIAL POST TOP</u></b>             |                       |                      |                 |                              |                      |                                   |           |
| 29   | 100 WATTS             |                      |                 |                              |                      |                                   |           |
|  |                       | \$18.63              | 14,458          | \$269,353                    | \$20.45              | 14,458                            | \$295,666 |
| 30   | 100 WATTS- Long Term  | \$18.13              | 11,539          | \$209,202                    | \$19.95              | 11,539                            | \$230,203 |
| <b><u>METAL HALIDE - COLONIAL POST TOP</u></b>                           |                       |                      |                 |                              |                      |                                   |           |
| 31   | 100 WATTS             | \$22.85              | 1,788           | \$40,856                     | \$25.08              | 1,788                             | \$44,843  |
| 32   | 100 WATTS- Long Term  | \$22.35              | 1,607           | \$35,916                     | \$24.58              | 1,607                             | \$39,500  |
| <b><u>HIGH PRESSURE SODIUM VAPOR - COBRA HEAD</u></b>                    |                       |                      |                 |                              |                      |                                   |           |
| 33   | 100 WATTS             | \$34.76              | 205             | \$7,126                      | \$38.15              | 205                               | \$7,821   |
| 34   | 100 WATTS- Long Term  | \$34.26              | 120             | \$4,111                      | \$37.65              | 120                               | \$4,518   |
| 35   | 200 WATTS             | \$36.39              | 84              | \$3,057                      | \$39.95              | 84                                | \$3,356   |
| 36   | 200 WATTS- Long Term  | \$35.89              | 60              | \$2,153                      | \$39.45              | 60                                | \$2,367   |
| 37   | 400 WATTS             | \$38.85              | 12              | \$466                        | \$42.62              | 12                                | \$511     |
| 38   | 400 WATTS- Long Term  | \$38.35              | 12              | \$460                        | \$42.12              | 12                                | \$505     |
| <b><u>HIGH PRESSURE SODIUM VAPOR - COBRA HEAD ADDITIONAL FIXTURE</u></b> |                       |                      |                 |                              |                      |                                   |           |
| 39   | 100 WATTS             | \$12.34              | 0               | \$0                          | \$14.18              | 0                                 | \$0       |
| 40   | 100 WATTS- Long Term  | \$11.84              | 0               | \$0                          | \$13.68              | 0                                 | \$0       |
| 41   | 200 WATTS             | \$16.43              | 0               | \$0                          | \$18.88              | 0                                 | \$0       |
| 42   | 200 WATTS- Long Term  | \$15.93              | 0               | \$0                          | \$18.38              | 0                                 | \$0       |
| 43   | 400 WATTS             | \$23.76              | 0               | \$0                          | \$27.30              | 0                                 | \$0       |
| 44   | 400 WATTS- Long Term  | \$23.26              | 0               | \$0                          | \$26.80              | 0                                 | \$0       |
| <b><u>METAL HALIDE - COBRA HEAD</u></b>                                  |                       |                      |                 |                              |                      |                                   |           |
| 45   | 100 WATT              | \$49.23              | 0               | \$0                          | \$56.57              | 0                                 | \$0       |
| 46   | 100 WATT- Long Term   | \$48.73              | 0               | \$0                          | \$56.07              | 0                                 | \$0       |
| 47   | 175 WATT              | \$49.23              | 0               | \$0                          | \$56.57              | 0                                 | \$0       |
| 48   | 175 WATT- Long Term   | \$48.73              | 0               | \$0                          | \$56.07              | 0                                 | \$0       |
| 49   | 400 WATT              | \$44.88              | 132             | \$5,924                      | \$51.57              | 132                               | \$6,807   |
| 50   | 400 WATT- Long Term   | \$44.38              | 0               | \$0                          | \$51.07              | 0                                 | \$0       |
| 51   | 1,000 WATT            | \$67.44              | 0               | \$0                          | \$77.49              | 0                                 | \$0       |
| 52   | 1,000 WATT- Long Term | \$66.94              | 0               | \$0                          | \$76.99              | 0                                 | \$0       |
| <b><u>METAL HALIDE - COBRA HEAD ADDITIONAL FIXTURE</u></b>               |                       |                      |                 |                              |                      |                                   |           |
| 53   | 100 WATT              | \$19.18              | 0               | \$0                          | \$22.04              | 0                                 | \$0       |
| 54   | 100 WATT- Long Term   | \$18.68              | 0               | \$0                          | \$21.54              | 0                                 | \$0       |
| 55   | 175 WATT              | \$19.18              | 0               | \$0                          | \$22.04              | 0                                 | \$0       |
| 56   | 175 WATT- Long Term   | \$18.68              | 0               | \$0                          | \$21.54              | 0                                 | \$0       |
| 57   | 400 WATT              | \$25.60              | 0               | \$0                          | \$29.42              | 0                                 | \$0       |
| 58   | 400 WATT- Long Term   | \$25.10              | 0               | \$0                          | \$28.92              | 0                                 | \$0       |
| 59   | 1,000 WATT            | \$36.98              | 0               | \$0                          | \$42.50              | 0                                 | \$0       |
| 60   | 1,000 WATT- Long Term | \$36.48              | 0               | \$0                          | \$42.00              | 0                                 | \$0       |



**West Penn Power Company**  
**Outdoor Lighting Equipment, Maintenance and Unmetered Service - Schedule 57**  
**Revenue Effects of Settlement Rates - FTY 12/31/17**

| Line<br>No.  | Tariff No. 40          |                      |                 | Tariff No. 40, Supplement XX |                      |                                   |
|--|------------------------|----------------------|-----------------|------------------------------|----------------------|-----------------------------------|
|  | Current Rate<br>(1)    | Billing Units<br>(2) | Revenues<br>(3) | Settlement Rate<br>(4)       | Billing Units<br>(5) | Settlement Revenue<br>(6)=(4)x(5) |
| <b><u>HIGH PRESSURE SODIUM VAPOR - SHOE BOX W/ BASE</u></b>            |                        |                      |                 |                              |                      |                                   |
| 61   | 100 WATT               |                      | \$0             | \$60.48                      | 0                    | \$0                               |
| 62   | 100 WATT- Long Term    |                      | \$0             | \$59.98                      | 0                    | \$0                               |
| 63   | 200 WATT               | 72                   | \$3,387         | \$54.05                      | 72                   | \$3,892                           |
| 64   | 200 WATT- Long Term    |                      | \$0             | \$53.55                      | 0                    | \$0                               |
| 65   | 400 WATT               | 432                  | \$21,108        | \$56.14                      | 432                  | \$24,255                          |
| 66   | 400 WATT- Long Term    |                      | \$0             | \$55.64                      | 0                    | \$0                               |
| <b><u>HIGH PRESSURE SODIUM VAPOR - SHOE BOX W/O BASE</u></b>           |                        |                      |                 |                              |                      |                                   |
| 67   | 100 WATT               | 12                   | \$468           | \$44.79                      | 12                   | \$537                             |
| 68   | 100 WATT- Long Term    |                      | \$462           | \$44.29                      | 12                   | \$531                             |
| 69   | 200 WATT               | 72                   | \$2,609         | \$41.64                      | 72                   | \$2,998                           |
| 70   | 200 WATT- Long Term    |                      | \$0             | \$41.14                      | 0                    | \$0                               |
| 71   | 400 WATT               |                      | \$0             | \$52.09                      | 0                    | \$0                               |
| 72   | 400 WATT- Long Term    | 120                  | \$5,380         | \$51.59                      | 120                  | \$6,191                           |
| <b><u>HIGH PRESSURE SODIUM VAPOR - SHOE BOX ADDITIONAL FIXTURE</u></b> |                        |                      |                 |                              |                      |                                   |
| 73   | 100 WATT               |                      | \$0             | \$21.46                      | 0                    | \$0                               |
| 74   | 100 WATT- Long Term    |                      | \$0             | \$20.96                      | 0                    | \$0                               |
| 75   | 200 WATT               |                      | \$0             | \$24.64                      | 0                    | \$0                               |
| 76   | 200 WATT- Long Term    |                      | \$0             | \$24.14                      | 0                    | \$0                               |
| 77   | 400 WATT               |                      | \$0             | \$28.81                      | 0                    | \$0                               |
| 78   | 400 WATT- Long Term    |                      | \$0             | \$28.31                      | 0                    | \$0                               |
| <b><u>METAL HALIDE - SHOE BOX W/ BASE</u></b>                          |                        |                      |                 |                              |                      |                                   |
| 79   | 175 WATTS              |                      | \$0             | \$66.66                      | 0                    | \$0                               |
| 80   | 175 WATTS- Long Term   |                      | \$0             | \$66.16                      | 0                    | \$0                               |
| 81   | 400 WATTS              |                      | \$0             | \$66.66                      | 0                    | \$0                               |
| 82   | 400 WATTS- Long Term   |                      | \$0             | \$66.16                      | 0                    | \$0                               |
| <b><u>METAL HALIDE - SHOE BOX W/O BASE</u></b>                         |                        |                      |                 |                              |                      |                                   |
| 83   | 175 WATTS              |                      | \$0             | \$53.56                      | 0                    | \$0                               |
| 84   | 175 WATTS- Long Term   |                      | \$0             | \$53.06                      | 0                    | \$0                               |
| 85   | 400 WATTS              |                      | \$0             | \$53.56                      | 0                    | \$0                               |
| 86   | 400 WATTS- Long Term   | 554                  | \$25,544        | \$53.06                      | 554                  | \$29,393                          |
| 87   | 1,000 WATTS            |                      | \$0             | \$80.43                      | 0                    | \$0                               |
| 88   | 1,000 WATTS- Long Term |                      | \$0             | \$79.93                      | 0                    | \$0                               |
| <b><u>METAL HALIDE - SHOE BOX ADDITIONAL FIXTURE</u></b>               |                        |                      |                 |                              |                      |                                   |
| 89   | 175 WATTS              |                      | \$0             | \$31.68                      | 0                    | \$0                               |
| 90   | 175 WATTS- Long Term   |                      | \$0             | \$31.18                      | 0                    | \$0                               |
| 91   | 400 WATTS              |                      | \$0             | \$31.68                      | 0                    | \$0                               |
| 92   | 400 WATTS- Long Term   | 373                  | \$10,098        | \$31.18                      | 373                  | \$11,631                          |
| 93   | 1,000 WATTS            |                      | \$0             | \$50.29                      | 0                    | \$0                               |

**West Penn Power Company**  
**Outdoor Lighting Equipment, Maintenance and Unmetered Service - Schedule 57**  
**Revenue Effects of Settlement Rates - FTY 12/31/17**

| Line No. | Tariff No. 40   |                      |                    | Tariff No. 40, Supplement XX |                      |                                   |                    |
|----------|---|----------------------|--------------------|------------------------------|----------------------|-----------------------------------|--------------------|
|          | Current Rate<br>(1)                                       | Billing Units<br>(2) | Revenues<br>(3)    | Settlement Rate<br>(4)       | Billing Units<br>(5) | Settlement Revenue<br>(6)=(4)x(5) |                    |
| 94       | 1,000 WATTS- Long Term                                    | \$43.26              | 0                  | \$0                          | \$49.79              | 0                                 | \$0                |
| 95       | <b><u>TOTAL BASE NORMALIZED DISTRIBUTION REVENUES</u></b> |                      | <b>\$4,647,665</b> |                              |                      |                                   | <b>\$5,107,995</b> |
| 96       | Smart Meter Technologies Charge (Per Bill)                | \$0                  | 0                  | \$0                          | \$0                  | 0                                 | \$0                |
| 97       | Distribution System Improvement Charge                    | 0.284%               | 23,536,215         | \$13,563                     | 0%                   | 23,536,215                        | \$0                |
| 98       | <b><u>TOTAL DISTRIBUTION INCLUDING RIDER CHANGES</u></b>  |                      | <b>\$4,661,228</b> |                              |                      |                                   | <b>\$5,107,995</b> |
|          | <b><u>RIDER CHARGES</u></b>                               |                      |                    |                              |                      |                                   |                    |
| 99       | Default Service Support Charge                            | \$0.00143            | 23,536,215         | \$49,192                     | \$0.00150            | 23,536,215                        | \$50,320           |
| 100      | Phase II Energy Efficiency and Conservation Charge        | \$0.00145            | 23,536,215         | \$40,226                     | \$0.00145            | 23,536,215                        | \$40,226           |
| 101      | PTC*  | \$0.07547            | 23,536,215         | \$1,776,278                  | \$0.07547            | 23,536,215                        | \$1,776,278        |
| 102      | STAS  | 0%                   |                    | \$0                          | 0%                   |                                   | \$0                |
| 103      | Total Energy and Revenue                                  |                      | 23,536,215         | <b>\$6,526,924</b>           |                      | 23,536,215                        | <b>\$6,974,819</b> |
| 104      | Avg rate per kWh  |                      |                    | <b>\$0.27731</b>             |                      |                                   | <b>\$0.29634</b>   |
| 105      | Proposed Increase   |                      |                    |                              |                      |                                   | \$447,895          |
| 106      | Percent Increase  |                      |                    |                              |                      |                                   | 6.86%              |

\* Total wires kWh used for illustrative purposes

**West Penn Power Company**  
**Outdoor Lighting Equipment, Maintenance and Unmetered Service - Schedule 58**  
**Revenue Effects of Settlement Rates - FTY 12/31/17**

| Line No. |  | Tariff No. 40       |                      |                 | Tariff No. 40, Supplement XX |                      |                                   |
|----------|--|---------------------|----------------------|-----------------|------------------------------|----------------------|-----------------------------------|
|          |  | Current Rate<br>(1) | Billing Units<br>(2) | Revenues<br>(3) | Settlement Rate<br>(4)       | Billing Units<br>(5) | Settlement Revenue<br>(6)=(4)x(5) |
|          | <b><u>CUSTOMER OWNED POLE</u></b>        |                     |                      |                 |                              |                      |                                   |
|          | <b><u>HIGH PRESSURE SODIUM VAPOR</u></b> |                     |                      |                 |                              |                      |                                   |
| 1        | 100 WATTS                                | \$4.12              | 1,014                | \$4,178         | \$4.52                       | 1,014                | \$4,583                           |
| 2        | 200 WATTS                                | \$6.82              | 2,374                | \$16,191        | \$7.77                       | 2,374                | \$18,446                          |
| 3        | 400 WATTS                                | \$11.12             | 60                   | \$667           | \$12.67                      | 60                   | \$760                             |
|          | <b><u>MERCURY VAPOR</u></b>              |                     |                      |                 |                              |                      |                                   |
| 4        | 175 WATTS                                | \$4.62              | 11                   | \$51            | \$5.28                       | 11                   | \$58                              |
| 5        | 250 WATTS                                | \$7.10              | 0                    | \$0             | \$8.16                       | 0                    | \$0                               |
| 6        | 400 WATTS                                | \$7.92              | 22                   | \$174           | \$9.01                       | 22                   | \$198                             |
| 7        | 1,000 WATTS                              | \$13.91             | 0                    | \$0             | \$15.98                      | 0                    | \$0                               |
|          | <b><u>METAL HALIDE</u></b>               |                     |                      |                 |                              |                      |                                   |
| 8        | 175 WATTS                                | \$6.17              | 0                    | \$0             | \$7.09                       | 0                    | \$0                               |
| 9        | 250 WATTS                                | \$7.08              | 22                   | \$156           | \$8.08                       | 22                   | \$178                             |
| 10       | 400 WATTS                                | \$7.55              | 144                  | \$1,087         | \$8.60                       | 144                  | \$1,238                           |
| 11       | 1,000 WATTS                              | \$13.85             | 168                  | \$2,327         | \$15.79                      | 168                  | \$2,653                           |
|          | <b><u>Incandescent</u></b>               |                     |                      |                 |                              |                      |                                   |
| 12       | 100 WATTS                                | \$6.35              | 0                    | \$0             | \$7.30                       | 0                    | \$0                               |
| 13       | 200 WATTS                                | \$7.27              | 0                    | \$0             | \$8.36                       | 0                    | \$0                               |
| 14       | 325 WATTS                                | \$8.59              | 0                    | \$0             | \$9.87                       | 0                    | \$0                               |
| 15       | 450 WATTS                                | \$9.85              | 0                    | \$0             | \$11.32                      | 0                    | \$0                               |
|          | <b><u>COMPANY OWNED POLE</u></b>         |                     |                      |                 |                              |                      |                                   |
|          | <b><u>HIGH PRESSURE SODIUM VAPOR</u></b> |                     |                      |                 |                              |                      |                                   |
| 16       | 100 WATTS                                | \$5.47              | 159                  | \$870           | \$6.24                       | 159                  | \$992                             |
| 17       | 200 WATTS                                | \$8.19              | 530                  | \$4,341         | \$9.33                       | 530                  | \$4,945                           |
| 18       | 400 WATTS                                | \$12.49             | 72                   | \$899           | \$14.23                      | 72                   | \$1,025                           |
|          | <b><u>MERCURY VAPOR</u></b>              |                     |                      |                 |                              |                      |                                   |
| 19       | 175 WATTS                                | \$5.93              | 0                    | \$0             | \$6.81                       | 0                    | \$0                               |
| 20       | 250 WATTS                                | \$7.54              | 0                    | \$0             | \$8.66                       | 0                    | \$0                               |
| 21       | 400 WATTS                                | \$9.30              | 0                    | \$0             | \$10.69                      | 0                    | \$0                               |
| 22       | 1,000 WATTS                              | \$15.49             | 0                    | \$0             | \$17.80                      | 0                    | \$0                               |
|          | <b><u>METAL HALIDE</u></b>               |                     |                      |                 |                              |                      |                                   |
| 23       | 175 WATTS                                | \$7.55              | 11                   | \$83            | \$8.60                       | 11                   | \$95                              |
| 24       | 250 WATTS                                | \$8.41              | 730                  | \$6,139         | \$9.58                       | 730                  | \$6,993                           |
| 25       | 400 WATTS                                | \$8.92              | 60                   | \$535           | \$10.16                      | 60                   | \$610                             |
| 26       | 1,000 WATTS                              | \$15.21             | 72                   | \$1,095         | \$17.33                      | 72                   | \$1,248                           |
|          | <b><u>Incandescent</u></b>               |                     |                      |                 |                              |                      |                                   |
| 27       | 100 WATTS                                | \$7.92              | 0                    | \$0             | \$9.10                       | 0                    | \$0                               |

**West Penn Power Company**  
**Outdoor Lighting Equipment, Maintenance and Unmetered Service - Schedule 58**  
**Revenue Effects of Settlement Rates - FTY 12/31/17**

| Line No. |   | Tariff No. 40              |                             |                        | Tariff No. 40, Supplement XX  |                             |  |
|----------|---|----------------------------|-----------------------------|------------------------|-------------------------------|-----------------------------|--|
|          |   | <u>Current Rate</u><br>(1) | <u>Billing Units</u><br>(2) | <u>Revenues</u><br>(3) | <u>Settlement Rate</u><br>(4) | <u>Billing Units</u><br>(5) | <u>Settlement Revenue</u><br>(6)=(4)x(5) |
| 28       | 200 WATTS   | \$8.83                     | 0                           | \$0                    | \$10.14                       | 0                           | \$0                                      |
| 29       | 325 WATTS   | \$10.16                    | 0                           | \$0                    | \$11.67                       | 0                           | \$0                                      |
| 30       | 450 WATTS   | \$11.41                    | 0                           | \$0                    | \$13.11                       | 0                           | \$0                                      |
| 31       | <b><u>TOTAL BASE NORMALIZED DISTRIBUTION REVENUES</u></b> |                            |                             | <b>\$38,793</b>        |                               |                             | <b>\$44,022</b>                          |
| 32       | Smart Meter Technologies Charge (Per Bill)                | \$0                        | 0                           | \$0                    | \$0                           | 0                           | \$0                                      |
| 33       | Distribution System Improvement Charge                    | 0.284%                     | 530,703                     | <u>\$306</u>           | 0%                            | 530,703                     | <u>\$0</u>                               |
| 34       | <b><u>TOTAL DISTRIBUTION INCLUDING RIDER CHANGES</u></b>  |                            |                             | <b>\$39,099</b>        |                               |                             | <b>\$44,022</b>                          |
|          | <b><u>RIDER CHARGES</u></b>                               |                            |                             |                        |                               |                             |  |
| 35       | Default Service Support Charge                            | \$0.00143                  | 530,703                     | \$1,109                | \$0.00150                     | 530,703                     | \$1,134                                  |
| 36       | Phase II Energy Efficiency and Conservation Charge        | \$0.00145                  | 530,703                     | \$907                  | \$0.00145                     | 530,703                     | \$907                                    |
| 37       | PTC*  | \$0.07547                  | 530,703                     | \$40,052               | \$0.07547                     | 530,703                     | \$40,052                                 |
| 38       | STAS  | 0%                         |                             | \$0                    | 0%                            |                             | \$0                                      |
| 39       | Total Energy and Revenue                                  |                            | 530,703                     | <b>\$81,167</b>        |                               | 530,703                     | <b>\$86,115</b>                          |
| 40       | Avg rate per kWh  |                            |                             | <b>\$0.15294</b>       |                               |                             | <b>\$0.16227</b>                         |
| 41       | Proposed Increase   |                            |                             |                        |                               |                             | \$4,949                                  |
| 42       | Percent Increase  |                            |                             |                        |                               |                             | 6.10%                                    |

\* Total wires kWh used for illustrative purposes

**West Penn Power Company**  
**Outdoor Lighting Equipment and Maintenance Service - Schedule 59**  
**Revenue Effects of Settlement Rates - FTY 12/31/17**

| Line No.   | Tariff No. 40          |                   |              | Tariff No. 40, Supplement XX |                   |                                |         |
|--|------------------------|-------------------|--------------|------------------------------|-------------------|--------------------------------|---------|
|  | Current Rate (1)       | Billing Units (2) | Revenues (3) | Settlement Rate (4)          | Billing Units (5) | Settlement Revenue (6)=(4)x(5) |         |
| <b><u>OVERHEAD SERVICE</u></b>   |                        |                   |              |                              |                   |                                |         |
| <b><u>MERCURY VAPOR - COBRA HEAD</u></b>                                 |                        |                   |              |                              |                   |                                |         |
| 1  | 175 WATTS              | \$9.44            | 44           | \$415                        | \$10.35           | 44                             | \$455   |
| 2  | 175 WATTS- Long Term   | \$8.94            | 0            | \$0                          | \$9.85            | 0                              | \$0     |
| <b><u>HIGH PRESSURE SODIUM VAPOR - COBRA HEAD</u></b>                    |                        |                   |              |                              |                   |                                |         |
| 3  | 100 WATTS              | \$10.39           | 158          | \$1,642                      | \$11.41           | 158                            | \$1,803 |
| 4  | 100 WATTS- Long Term   | \$9.89            | 0            | \$0                          | \$10.91           | 0                              | \$0     |
| 5  | 200 WATTS              | \$12.96           | 0            | \$0                          | \$14.89           | 0                              | \$0     |
| 6  | 200 WATTS- Long Term   | \$12.46           | 265          | \$3,302                      | \$14.39           | 265                            | \$3,814 |
| 7  | 400 WATTS              | \$15.35           | 60           | \$921                        | \$17.64           | 60                             | \$1,059 |
| 8  | 400 WATTS- Long Term   | \$14.85           | 0            | \$0                          | \$17.14           | 0                              | \$0     |
| <b><u>METAL HALIDE - COBRA HEAD</u></b>                                  |                        |                   |              |                              |                   |                                |         |
| 9  | 400 WATTS              | \$15.48           | 36           | \$557                        | \$16.98           | 36                             | \$611   |
| 10   | 400 WATTS- Long Term   | \$14.98           | 0            | \$0                          | \$16.48           | 0                              | \$0     |
| 11   | 1,000 WATTS            | \$28.01           | 0            | \$0                          | \$32.19           | 0                              | \$0     |
| 12   | 1,000 WATTS- Long Term | \$27.51           | 0            | \$0                          | \$31.69           | 0                              | \$0     |
| <b><u>HIGH PRESSURE SODIUM VAPOR - FLOODLIGHT</u></b>                    |                        |                   |              |                              |                   |                                |         |
| 13   | 200 WATTS              | \$14.14           | 12           | \$170                        | \$15.55           | 12                             | \$187   |
| 14   | 200 WATTS- Long Term   | \$13.64           | 12           | \$164                        | \$15.05           | 12                             | \$181   |
| 15   | 400 WATTS              | \$16.25           | 84           | \$1,365                      | \$17.83           | 84                             | \$1,498 |
| 16   | 400 WATTS- Long Term   | \$15.75           | 12           | \$189                        | \$17.33           | 12                             | \$208   |
| <b><u>METAL HALIDE - FLOODLIGHT</u></b>                                  |                        |                   |              |                              |                   |                                |         |
| 17   | 400 WATTS              | \$15.48           | 132          | \$2,043                      | \$16.99           | 132                            | \$2,243 |
| 18   | 400 WATTS- Long Term   | \$14.98           | 0            | \$0                          | \$16.49           | 0                              | \$0     |
| 19   | 1,000 WATTS            | \$24.32           | 252          | \$6,129                      | \$26.69           | 252                            | \$6,726 |
| 20   | 1,000 WATTS- Long Term | \$23.82           | 0            | \$0                          | \$26.19           | 0                              | \$0     |
| <b><u>UNDERGROUND SERVICE</u></b>  |                        |                   |              |                              |                   |                                |         |
| <b><u>HIGHPRESSURE SODIUM VAPOR - COLONIAL POST TOP</u></b>              |                        |                   |              |                              |                   |                                |         |
| 21   | 100 WATTS              | \$18.86           | 87           | \$1,641                      | \$20.70           | 87                             | \$1,801 |
| 22   | 100 WATTS- Long Term   | \$18.36           | 0            | \$0                          | \$20.20           | 0                              | \$0     |
| <b><u>METAL HALIDE - COLONIAL POST TOP</u></b>                           |                        |                   |              |                              |                   |                                |         |
| 23   | 175 WATTS              | \$21.75           | 96           | \$2,088                      | \$23.87           | 96                             | \$2,292 |
| 24   | 175 WATTS- Long Term   | \$21.25           | 120          | \$2,550                      | \$23.37           | 120                            | \$2,804 |
| <b><u>HIGH PRESSURE SODIUM VAPOR - COBRA HEAD</u></b>                    |                        |                   |              |                              |                   |                                |         |
| 25   | 100 WATTS              | \$38.70           | 0            | \$0                          | \$44.47           | 0                              | \$0     |
| 26   | 100 WATTS- Long Term   | \$38.20           | 0            | \$0                          | \$43.97           | 0                              | \$0     |
| 27   | 200 WATTS              | \$39.68           | 0            | \$0                          | \$45.60           | 0                              | \$0     |
| 28   | 200 WATTS- Long Term   | \$39.18           | 0            | \$0                          | \$45.10           | 0                              | \$0     |
| 29   | 400 WATTS              | \$40.44           | 0            | \$0                          | \$46.47           | 0                              | \$0     |
| 30   | 400 WATTS- Long Term   | \$39.94           | 0            | \$0                          | \$45.97           | 0                              | \$0     |
| <b><u>HIGH PRESSURE SODIUM VAPOR - COBRA HEAD ADDITIONAL FIXTURE</u></b> |                        |                   |              |                              |                   |                                |         |
| 31   | 100 WATTS              | \$11.96           | 0            | \$0                          | \$13.75           | 0                              | \$0     |
| 32   | 100 WATTS- Long Term   | \$11.46           | 0            | \$0                          | \$13.25           | 0                              | \$0     |
| 33   | 200 WATTS              | \$12.96           | 0            | \$0                          | \$14.89           | 0                              | \$0     |
| 34   | 200 WATTS- Long Term   | \$12.46           | 0            | \$0                          | \$14.39           | 0                              | \$0     |
| 35   | 400 WATTS              | \$15.35           | 0            | \$0                          | \$17.64           | 0                              | \$0     |
| 36   | 400 WATTS- Long Term   | \$14.85           | 0            | \$0                          | \$17.14           | 0                              | \$0     |
| <b><u>METAL HALIDE - COBRA HEAD</u></b>                                  |                        |                   |              |                              |                   |                                |         |
| 37   | 400 WATTS              | \$42.93           | 0            | \$0                          | \$49.33           | 0                              | \$0     |
| 38   | 400 WATTS- Long Term   | \$42.43           | 0            | \$0                          | \$48.83           | 0                              | \$0     |
| 39   | 1,000 WATTS            | \$46.07           | 12           | \$553                        | \$50.57           | 12                             | \$607   |
| 40   | 1,000 WATTS- Long Term | \$45.57           | 0            | \$0                          | \$50.07           | 0                              | \$0     |
| <b><u>METAL HALIDE - COBRA HEAD ADDITIONAL FIXTURE</u></b>               |                        |                   |              |                              |                   |                                |         |
| 41   | 400 WATTS              | \$17.83           | 0            | \$0                          | \$20.48           | 0                              | \$0     |
| 42   | 400 WATTS- Long Term   | \$17.33           | 0            | \$0                          | \$19.98           | 0                              | \$0     |
| 43   | 1,000 WATTS            | \$28.01           | 0            | \$0                          | \$32.19           | 0                              | \$0     |
| 44   | 1,000 WATTS- Long Term | \$27.51           | 0            | \$0                          | \$31.69           | 0                              | \$0     |
| <b><u>HIGH PRESSURE SODIUM VAPOR - SHOE BOX W/ BASE</u></b>              |                        |                   |              |                              |                   |                                |         |
| 45   | 100 WATT               | \$50.86           | 0            | \$0                          | \$58.44           | 0                              | \$0     |

**West Penn Power Company**  
**Outdoor Lighting Equipment and Maintenance Service - Schedule 59**  
**Revenue Effects of Settlement Rates - FTY 12/31/17**

| Line No. |  | Tariff No. 40    |                   |                 | Tariff No. 40, Supplement XX |                   |                                |
|----------|--|------------------|-------------------|-----------------|------------------------------|-------------------|--------------------------------|
|          |  | Current Rate (1) | Billing Units (2) | Revenues (3)    | Settlement Rate (4)          | Billing Units (5) | Settlement Revenue (6)=(4)x(5) |
| 46       | 100 WATT- Long Term  | \$50.36          | 0                 | \$0             | \$57.94                      | 0                 | \$0                            |
| 47       | 200 WATT   | \$52.47          | 0                 | \$0             | \$60.29                      | 0                 | \$0                            |
| 48       | 200 WATT- Long Term  | \$51.97          | 0                 | \$0             | \$59.79                      | 0                 | \$0                            |
| 49       | 400 WATT   | \$55.00          | 0                 | \$0             | \$63.20                      | 0                 | \$0                            |
| 50       | 400 WATT- Long Term  | \$54.50          | 0                 | \$0             | \$62.70                      | 0                 | \$0                            |
|          | <b><u>HIGH PRESSURE SODIUM VAPOR - SHOE BOX W/O BASE</u></b>           |                  |                   |                 |                              |                   |                                |
| 51       | 100 WATT   | \$37.20          | 0                 | \$0             | \$42.74                      | 0                 | \$0                            |
| 52       | 100 WATT- Long Term  | \$36.70          | 12                | \$440           | \$42.24                      | 12                | \$507                          |
| 53       | 200 WATT   | \$40.03          | 0                 | \$0             | \$46.00                      | 0                 | \$0                            |
| 54       | 200 WATT- Long Term  | \$39.53          | 0                 | \$0             | \$45.50                      | 0                 | \$0                            |
| 55       | 400 WATT   | \$44.04          | 0                 | \$0             | \$50.61                      | 0                 | \$0                            |
| 56       | 400 WATT- Long Term  | \$43.54          | 0                 | \$0             | \$50.11                      | 0                 | \$0                            |
|          | <b><u>HIGH PRESSURE SODIUM VAPOR - SHOE BOX ADDITIONAL FIXTURE</u></b> |                  |                   |                 |                              |                   |                                |
| 57       | 100 WATT   | \$18.24          | 0                 | \$0             | \$20.96                      | 0                 | \$0                            |
| 58       | 100 WATT- Long Term  | \$17.74          | 0                 | \$0             | \$20.46                      | 0                 | \$0                            |
| 59       | 200 WATT   | \$19.89          | 0                 | \$0             | \$22.85                      | 0                 | \$0                            |
| 60       | 200 WATT- Long Term  | \$19.39          | 0                 | \$0             | \$22.35                      | 0                 | \$0                            |
| 61       | 400 WATT   | \$22.41          | 0                 | \$0             | \$25.75                      | 0                 | \$0                            |
| 62       | 400 WATT- Long Term  | \$21.91          | 0                 | \$0             | \$25.25                      | 0                 | \$0                            |
|          | <b><u>METAL HALIDE - SHOE BOX W/ BASE</u></b>                          |                  |                   |                 |                              |                   |                                |
| 63       | 400 WATTS  | \$53.97          | 0                 | \$0             | \$62.02                      | 0                 | \$0                            |
| 64       | 400 WATTS- Long Term   | \$53.47          | 0                 | \$0             | \$61.52                      | 0                 | \$0                            |
|          | <b><u>METAL HALIDE - SHOE BOX W/O BASE</u></b>                         |                  |                   |                 |                              |                   |                                |
| 65       | 400 WATTS  | \$36.47          | 408               | \$14,880        | \$40.02                      | 408               | \$16,328                       |
| 66       | 400 WATTS- Long Term   | \$35.97          | 0                 | \$0             | \$39.52                      | 0                 | \$0                            |
| 67       | 1,000 WATTS  | \$66.07          | 0                 | \$0             | \$75.92                      | 0                 | \$0                            |
| 68       | 1,000 WATTS- Long Term   | \$65.57          | 0                 | \$0             | \$75.42                      | 0                 | \$0                            |
|          | <b><u>METAL HALIDE - SHOE BOX ADDITIONAL FIXTURE</u></b>               |                  |                   |                 |                              |                   |                                |
| 69       | 400 WATTS  | \$23.70          | 0                 | \$0             | \$27.24                      | 0                 | \$0                            |
| 70       | 400 WATTS- Long Term   | \$23.20          | 0                 | \$0             | \$26.74                      | 0                 | \$0                            |
| 71       | 1,000 WATTS  | \$32.62          | 0                 | \$0             | \$37.49                      | 0                 | \$0                            |
| 72       | 1,000 WATTS- Long Term   | \$32.12          | 0                 | \$0             | \$36.99                      | 0                 | \$0                            |
| 73       | <b><u>TOTAL BASE NORMALIZED DISTRIBUTION REVENUES</u></b>              |                  |                   | <b>\$39,049</b> |                              |                   | <b>\$43,124</b>                |
| 74       | Distribution System Improvement Charge                                 | 0.284%           | 270,407           | \$156           | 0%                           | 270,407           | \$0                            |
| 75       | Smart Meter Technologies Charge (Per Bill)                             | \$0              |                   | \$0             |                              |                   | \$0                            |
| 76       | <b><u>TOTAL DISTRIBUTION INCLUDING RIDER CHANGES</u></b>               |                  |                   | <b>\$39,205</b> |                              |                   | <b>\$43,124</b>                |
|          | <b><u>RIDER CHARGES</u></b>  |                  |                   |                 |                              |                   |                                |
| 77       | PTC*   | \$0.07547        | 270,407           | \$20,408        | \$0.07547                    | 270,407           | \$20,408                       |
| 78       | STAS   | 0%               |                   | \$0             | 0%                           |                   | \$0                            |
| 79       | Total Energy and Revenue   |                  | 270,407           | <b>\$59,613</b> |                              | 1,802             | <b>\$63,532</b>                |
| 80       | Avg rate per kWh   |                  |                   | <b>\$0.22</b>   |                              |                   | <b>\$35.26</b>                 |
| 81       | Proposed Increase  |                  |                   |                 |                              |                   | \$3,919                        |
| 82       | Percent Increase   |                  |                   |                 |                              |                   | 7%                             |

\* Total wires kWh used for illustrative purposes

**West Penn Power Company**  
**Mercury Vapor Street and Highway Lighting Service - Schedule 71**  
**Revenue Effects of Settlement Rates - FTY 12/31/17**

| Line No. |   | Tariff No. 40       |                      |                  | Tariff No. 40, Supplement XX |                      |                                   |
|----------|---|---------------------|----------------------|------------------|------------------------------|----------------------|-----------------------------------|
|          |   | Current Rate<br>(1) | Billing Units<br>(2) | Revenues<br>(3)  | Settlement Rate<br>(4)       | Billing Units<br>(5) | Settlement Revenue<br>(6)=(4)x(5) |
|          | <b><u>LOW MOUNTING</u></b>                                |                     |                      |                  |                              |                      |                                   |
| 1        | 100 WATTS   | \$11.25             | 368                  | \$4,140          | \$13.79                      | 368                  | \$5,075                           |
| 2        | 175 WATTS   | \$13.51             | 116                  | \$1,567          | \$16.56                      | 116                  | \$1,921                           |
|          | <b><u>HIGH MOUNTING</u></b>                               |                     |                      |                  |                              |                      |                                   |
| 3        | 400 WATTS   | \$30.80             | 0                    | <u>\$0</u>       | \$35.39                      | 0                    | <u>\$0</u>                        |
| 4        | <b><u>TOTAL BASE NORMALIZED DISTRIBUTION REVENUES</u></b> |                     |                      | <b>\$5,707</b>   |                              |                      | <b>\$6,996</b>                    |
| 5        | Smart Meter Technologies Charge (Per Bill)                | \$0                 | 0                    | \$0              | \$0                          | 0                    | \$0                               |
| 6        | Distribution System Improvement Charge                    | 0.284%              | 298,576              | <u>\$172</u>     | 0%                           | 298,576              | <u>\$0</u>                        |
| 7        | <b><u>TOTAL DISTRIBUTION INCLUDING RIDER CHANGES</u></b>  |                     |                      | <b>\$5,879</b>   |                              |                      | <b>\$6,996</b>                    |
|          | <b><u>RIDER CHARGES</u></b>                               |                     |                      |                  |                              |                      |                                   |
| 8        | Default Service Support Charge                            | \$0.00143           | 298,576              | \$624            | \$0.00150                    | 298,576              | \$638                             |
| 9        | Phase II Energy Efficiency and Conservation Charge        | \$0.00145           | 298,576              | \$510            | \$0.00145                    | 298,576              | \$510                             |
| 10       | PTC*  | \$0.07547           | 298,576              | \$22,534         | \$0.07547                    | 298,576              | \$22,534                          |
| 11       | STAS  | 0%                  |                      | \$0              | 0%                           |                      | \$0                               |
| 12       | Total Energy and Revenue                                  |                     | 298,576              | <b>\$29,547</b>  |                              | 298,576              | <b>\$30,678</b>                   |
| 13       | Avg rate per kWh  |                     |                      | <b>\$0.09896</b> |                              |                      | <b>\$0.10275</b>                  |
| 14       | Proposed Increase   |                     |                      | \$29,547         |                              |                      | \$1,131                           |
| 15       | Percent Increase  |                     |                      |                  |                              |                      | 3.83%                             |

\* Total wires kWh used for illustrative purposes

**West Penn Power Company  
LED Street Lighting Service - Schedule 72  
Revenue Effects of Settlement Rates - FTY 12/31/17**

| Line No. |   | Tariff No. 40              |                             |                        | Tariff No. 40, Supplement XX  |                             |  |
|----------|---|----------------------------|-----------------------------|------------------------|-------------------------------|-----------------------------|--|
|          |   | <u>Current Rate</u><br>(1) | <u>Billing Units</u><br>(2) | <u>Revenues</u><br>(3) | <u>Settlement Rate</u><br>(4) | <u>Billing Units</u><br>(5) | <u>Settlement Revenue</u><br>(6)=(4)x(5) |
|          | <b><u>COBRA HEAD</u></b>                                  |                            |                             |                        |                               |                             |  |
| 1        | 50 WATTS  | \$5.52                     | 108,518                     | \$599,019              | \$6.94                        | 108,518                     | \$753,115                                |
| 2        | 90 WATTS  | \$6.94                     | 5,746                       | \$39,877               | \$8.73                        | 5,746                       | \$50,163                                 |
| 3        | 130 WATTS   | \$7.38                     | 16,644                      | \$122,833              | \$9.28                        | 16,644                      | \$154,456                                |
| 4        | 260 WATTS   | \$11.44                    | 396                         | \$4,530                | \$14.38                       | 396                         | \$5,694                                  |
|          | <b><u>Colonial</u></b>                                    |                            |                             |                        |                               |                             |  |
| 5        | 50 WATTS  | \$8.85                     | 12,058                      | \$106,713              | \$11.12                       | 12,058                      | \$134,134                                |
| 6        | 90 WATTS  | \$9.74                     | 638                         | \$6,214                | \$12.24                       | 638                         | \$7,811                                  |
|          | <b><u>Acorn</u></b>                                       |                            |                             |                        |                               |                             |  |
| 7        | 50 WATTS  | \$14.73                    | 0                           | \$0                    | \$18.51                       | 0                           | \$0                                      |
| 8        | 90 WATTS  | \$15.57                    | 0                           | \$0                    | \$19.57                       | 0                           | \$0                                      |
| 9        | <b><u>TOTAL BASE NORMALIZED DISTRIBUTION REVENUES</u></b> |                            |                             | <b>\$879,186</b>       |                               |                             | <b>\$1,105,373</b>                       |
| 10       | Smart Meter Technologies Charge (Per Bill)                | \$0                        | 0                           | \$0                    | \$0                           | 0                           | \$0                                      |
| 11       | Distribution System Improvement Charge                    | 0.284%                     | 3,137,626                   | <u>\$1,808</u>         | 0%                            | 3,137,626                   | <u>\$0</u>                               |
| 12       | <b><u>TOTAL DISTRIBUTION INCLUDING RIDER CHANGES</u></b>  |                            |                             | <b>\$880,994</b>       |                               |                             | <b>\$1,105,373</b>                       |
|          | <b><u>RIDER CHARGES</u></b>                               |                            |                             |                        |                               |                             |  |
| 13       | Default Service Support Charge                            | \$0.00143                  | 3,137,626                   | \$6,558                | \$0.00150                     | 3,137,626                   | \$6,708                                  |
| 14       | Phase II Energy Efficiency and Conservation Charge        | \$0.00145                  | 3,137,626                   | \$5,363                | \$0.00145                     | 3,137,626                   | \$5,363                                  |
| 15       | PTC*  | \$0.07547                  | 3,137,626                   | \$236,797              | \$0.07547                     | 3,137,626                   | \$236,797                                |
| 16       | STAS  | 0%                         |                             | \$0                    | 0%                            |                             | \$0                                      |
| 17       | Total Energy and Revenue                                  |                            | 3,137,626                   | <b>\$1,129,712</b>     |                               | 3,137,626                   | <b>\$1,354,241</b>                       |
| 18       | Avg rate per kWh  |                            |                             | <b>\$0.36005</b>       |                               |                             | <b>\$0.43161</b>                         |
| 19       | Proposed Increase   |                            |                             | \$1,129,712            |                               |                             | \$224,529                                |
| 20       | Percent Increase  |                            |                             |                        |                               |                             | 19.87%                                   |

\* Total wires kWh used for illustrative purposes



**West Penn Power Company  
The Pennsylvania State University  
Revenue Effects of Settlement Rates - FTY 12/31/17**

| Line No. | Tariff No. 40   |                             |                        | Tariff No. 40, Supplement XX  |                             |  |                     |
|----------|---|-----------------------------|------------------------|-------------------------------|-----------------------------|--|---------------------|
|          | <u>Current Rate</u><br>(1)                                | <u>Billing Units</u><br>(2) | <u>Revenues</u><br>(3) | <u>Settlement Rate</u><br>(4) | <u>Billing Units</u><br>(5) | <u>Settlement Revenue</u><br>(6)=(4)x(5) |                     |
|          | <b><u>DISTRIBUTION CHARGES</u></b>                        |                             |                        |                               |                             |  |                     |
|          | <b><u>CUSTOMER CHARGES</u></b>                            |                             |                        |                               |                             |  |                     |
| 1        | Customer Charge   | \$601.75                    | 12                     | \$7,221                       | \$793.00                    | 12                                       | \$9,516             |
|          | <b><u>DEMAND CHARGES</u></b>                              |                             |                        |                               |                             |  |                     |
| 2        | First 10,000 kVA  | \$2.46                      | 120,000                | \$295,193                     | \$2.52                      | 120,000                                  | \$302,400           |
| 3        | Additional kVA  | \$2.35                      | 314,224                | \$738,410                     | \$2.42                      | 314,224                                  | \$760,422           |
|          | <b><u>ENERGY CHARGES</u></b>                              |                             |                        |                               |                             |  |                     |
|          |   | \$0.00                      | 0                      | \$0                           | \$0.00                      | 0  | \$0                 |
| 4        | <b><u>TOTAL BASE NORMALIZED DISTRIBUTION REVENUES</u></b> |                             |                        | <b>\$1,040,824</b>            |                             |  | <b>\$1,072,338</b>  |
| 5        | Smart Meter Technologies Charge (Per Bill)                | \$0                         | 12                     | \$0                           | \$0                         | 12                                       | \$0                 |
| 6        | Distribution System Improvement Charge                    | 0%                          | 0                      | \$0                           | 0%                          | 0  | \$0                 |
| 7        | <b><u>TOTAL DISTRIBUTION INCLUDING RIDER CHANGES</u></b>  |                             |                        | <b>\$1,040,824</b>            |                             |  | <b>\$1,072,338</b>  |
|          | <b><u>RIDER CHARGES</u></b>                               |                             |                        |                               |                             |  |                     |
| 8        | Default Service Support Charge (Per kW NSPL)              | \$0.595                     | 540,288                | \$249,054                     | \$0.595                     | 540,288                                  | \$249,054           |
| 9        | Phase II Energy Efficiency (Per kW PLC)                   | \$0.22                      | 600,432                | \$155,662                     | \$0.22                      | 600,432                                  | \$155,662           |
| 10       | Hourly Priced Generation*                                 | \$0.05441                   | 221,839,371            | \$12,070,280                  | \$0.05441                   | 221,839,371                              | \$12,070,280        |
| 11       | STAS  | 0%                          |                        | \$0                           | 0%                          |  | \$0                 |
| 12       | Total Energy and Revenue                                  |                             | 221,839,371            | <b>\$13,515,820</b>           |                             | 221,839,371                              | <b>\$13,547,334</b> |
| 13       | Avg rate per kWh  |                             |                        | <b>\$0.06093</b>              |                             |  | <b>\$0.06107</b>    |
| 14       | Proposed Increase   |                             |                        |                               |                             |  | \$31,514            |
| 15       | Percent Increase  |                             |                        |                               |                             |  | 0%                  |

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

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

| Line No. | Tariff No. 40   |                      |                  | Tariff No. 40, Supplement XX |                      |                                   |
|----------|---|----------------------|------------------|------------------------------|----------------------|-----------------------------------|
|          | Current Rate<br>(1)                                       | Billing Units<br>(2) | Revenues<br>(3)  | Settlement Rate<br>(4)       | Billing Units<br>(5) | Settlement Revenue<br>(6)=(4)x(5) |
|          | <b><u>DISTRIBUTION CHARGES</u></b>                        |                      |                  |                              |                      |                                   |
|          | <b><u>CUSTOMER CHARGE</u></b>                             |                      |                  |                              |                      |                                   |
| 1        | \$86.43   | 24                   | \$2,075          | \$86.43                      | 24                   | \$2,074                           |
| 2        | <b><u>DEMAND CHARGES</u></b>                              |                      |                  |                              |                      |                                   |
| 3        | <u>Backup Secondary Power</u>                             |                      |                  |                              |                      |                                   |
|          | \$2.88  | 600                  | \$1,729          | \$2.99                       | 600                  | \$1,794                           |
|          | <u>Backup Primary Power</u>                               |                      |                  |                              |                      |                                   |
| 4        | First Block (0 - 100) Kw                                  | 1,200                | \$492            | \$0.44                       | 1,200                | \$528                             |
| 5        | Second Block (Over 100) kW                                | 28,800               | \$11,815         | \$0.44                       | 28,800               | \$12,672                          |
| 6        | <u>Backup Transmission Power</u>                          |                      |                  |                              |                      |                                   |
|          | \$0.09  | 0                    | \$0              | \$0.08                       | 0                    | \$0                               |
| 7        | <u>Maintenance Secondary Power</u>                        |                      |                  |                              |                      |                                   |
|          | \$2.28  | 0                    | \$0              | \$2.39                       | 0                    | \$0                               |
| 8        | <u>Maintenance Primary Power</u>                          |                      |                  |                              |                      |                                   |
|          | \$0.32  | 0                    | \$0              | \$0.37                       | 0                    | \$0                               |
| 9        | <u>Maintenance Transmission Power</u>                     |                      |                  |                              |                      |                                   |
|          | \$0.06  | 0                    | \$0              | \$0.07                       | 0                    | \$0                               |
| 10       | Voltage Discount Over 15,000 Volts                        | 30,000               | (\$4,202)        | (\$0.14)                     | 30,000               | (\$4,200)                         |
| 11       | Penalty Charge per Excess kW                              | 0                    | \$0              | \$10.00                      | 0                    | \$0                               |
|          | <b><u>ENERGY CHARGES</u></b>                              |                      |                  |                              |                      |                                   |
| 12       | All kWh   | 0                    | \$0              | \$0.00000                    | 0                    | \$0                               |
| 13       | <b><u>TOTAL BASE NORMALIZED DISTRIBUTION REVENUES</u></b> |                      | <b>\$11,909</b>  |                              |                      | <b>\$12,868</b>                   |
| 14       | Smart Meter Technologies Charge (Per Bill)                | 24                   | \$0              | \$0                          | 24                   | \$0                               |
| 15       | <b><u>TOTAL DISTRIBUTION INCLUDING RIDER CHANGES</u></b>  |                      | <b>\$11,909</b>  |                              |                      | <b>\$12,868</b>                   |
| 16       | STAS  |                      | \$0              | 0%                           |                      | \$0                               |
| 17       | Total Energy and Revenue                                  | 0                    | <b>\$11,909</b>  |                              | 0                    | <b>\$12,868</b>                   |
| 18       | Average Rate per kWh                                      |                      | <b>\$0.00000</b> |                              |                      | <b>\$0.00000</b>                  |
| 19       | Proposed Increase   |                      |                  |                              |                      | \$959                             |
| 20       | Percent Increase  |                      |                  |                              |                      | 8.05%                             |