

Docket No. UE 263  
Exhibit PAC/1202  
Witness: Joelle R. Steward

**BEFORE THE PUBLIC UTILITY COMMISSION  
OF OREGON**

**PACIFICORP**

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**Exhibit Accompanying Direct Testimony of Joelle R. Steward  
Target functionalized Revenues and Billing Determinants**

**March 2013**

**PACIFIC POWER**  
**STATE OF OREGON**  
**Functionalized Revenue Targets and Summary of Proposed Functionalized Revenue**  
**Forecast 12 Months Ended December 31, 2014**

| Rate Schedule                                    | Present          | Cost of Service  | Target with      | Summary of Proposed |
|--|------------------|------------------|------------------|---------------------|
|  |                  |                  | Unadjusted NPC   | Functionalized      |
| (1)  | Revenues (\$000) | Revenues (\$000) | Revenues (\$000) | Revenues (\$000)    |
| (2)  | (3)              | (4)              | (5)              | (6)                 |
| <b>Schedule 4, Residential</b>                   |                  |                  |                  |                     |
| Transmission & Ancillary Services <sup>1</sup>   | \$20,335         | \$20,000         | \$20,000         | \$20,012            |
| System Usage <sup>2</sup>                        |                  | \$4,149          | \$4,149          | \$4,142             |
| Distribution                                     | \$258,310        | \$263,862        | \$263,862        | \$263,868           |
| Other Adjustments                                | \$0              | \$0              | \$0              | \$0                 |
| Generation Energy - Other (non-NPC) (Sch 200)    | \$150,780        | \$164,052        | \$164,052        | \$164,048           |
| Generation Energy - Net Power Costs (Sch 201)    | \$153,561        | \$151,532        | \$153,561        | \$153,561           |
| <b>Total</b>                                     | <b>\$582,985</b> | <b>\$603,595</b> | <b>\$605,623</b> | <b>\$605,631</b>    |
| <b>Schedule 23, Small General Service</b>        |                  |                  |                  |                     |
| Transmission & Ancillary Services <sup>1</sup>   | \$3,974          | \$4,023          | \$4,023          | \$4,018             |
| System Usage <sup>2</sup>                        |                  | \$827            | \$827            | \$826               |
| Distribution                                     | \$49,749         | \$51,195         | \$51,195         | \$51,203            |
| Other Adjustments                                | \$0              | \$0              | \$0              | \$0                 |
| Generation Energy - Other (non-NPC) (Sch 200)    | \$29,852         | \$33,387         | \$33,387         | \$33,390            |
| Generation Energy - Net Power Costs (Sch 201)    | \$30,398         | \$30,839         | \$30,398         | \$30,398            |
| <b>Total</b>                                     | <b>\$113,973</b> | <b>\$120,271</b> | <b>\$119,830</b> | <b>\$119,836</b>    |
| <b>Schedule 28, General Service 31-200kW</b>     |                  |                  |                  |                     |
| Secondary Voltage                                |                  |                  |                  |                     |
| Transmission & Ancillary Services <sup>1</sup>   | \$7,401          | \$7,250          | \$7,250          | \$7,269             |
| System Usage <sup>2</sup>                        |                  | \$1,536          | \$1,536          | \$1,540             |
| Distribution                                     | \$49,364         | \$48,513         | \$48,513         | \$48,480            |
| Other Adjustments                                | \$0              | \$0              | \$0              | \$0                 |
| Generation Energy - Other (non-NPC) (Sch 200)    | \$55,601         | \$59,969         | \$59,969         | \$59,969            |
| Generation Energy - Net Power Costs (Sch 201)    | \$56,624         | \$55,393         | \$56,624         | \$56,624            |
| <b>Total</b>                                     | <b>\$168,990</b> | <b>\$172,660</b> | <b>\$173,892</b> | <b>\$173,882</b>    |
| Primary Voltage                                  |                  |                  |                  |                     |
| Transmission & Ancillary Services <sup>1</sup>   | \$69             | \$61             | \$61             | \$61                |
| System Usage <sup>2</sup>                        |                  | \$13             | \$13             | \$13                |
| Distribution                                     | \$470            | \$506            | \$506            | \$506               |
| Other Adjustments                                | \$0              | \$0              | \$0              | \$0                 |
| Generation Energy - Other (non-NPC) (Sch 200)    | \$502            | \$535            | \$535            | \$535               |
| Generation Energy - Net Power Costs (Sch 201)    | \$511            | \$494            | \$511            | \$511               |
| <b>Total</b>                                     | <b>\$1,552</b>   | <b>\$1,610</b>   | <b>\$1,627</b>   | <b>\$1,627</b>      |
| <b>Schedule 30, General Service 201-999kW</b>    |                  |                  |                  |                     |
| Secondary Voltage                                |                  |                  |                  |                     |
| Transmission & Ancillary Services <sup>1</sup>   | \$4,238          | \$4,309          | \$4,309          | \$4,306             |
| System Usage <sup>2</sup>                        |                  | \$908            | \$908            | \$910               |
| Distribution                                     | \$22,408         | \$23,881         | \$23,881         | \$23,816            |
| Other Adjustments                                | \$0              | \$0              | \$0              | \$0                 |
| Generation Energy - Other (non-NPC) (Sch 200)    | \$33,594         | \$37,146         | \$37,146         | \$37,209            |
| Generation Energy - Net Power Costs (Sch 201)    | \$34,187         | \$34,311         | \$34,187         | \$34,187            |
| <b>Total</b>                                     | <b>\$94,427</b>  | <b>\$100,556</b> | <b>\$100,431</b> | <b>\$100,429</b>    |
| Primary Voltage                                  |                  |                  |                  |                     |
| Transmission & Ancillary Services <sup>1</sup>   | \$307            | \$321            | \$321            | \$321               |
| System Usage <sup>2</sup>                        |                  | \$65             | \$65             | \$65                |
| Distribution                                     | \$1,616          | \$1,789          | \$1,789          | \$1,791             |
| Other Adjustments                                | \$0              | \$0              | \$0              | \$0                 |
| Generation Energy - Other (non-NPC) (Sch 200)    | \$2,425          | \$2,688          | \$2,688          | \$2,685             |
| Generation Energy - Net Power Costs (Sch 201)    | \$2,477          | \$2,483          | \$2,477          | \$2,477             |
| <b>Total</b>                                     | <b>\$6,825</b>   | <b>\$7,346</b>   | <b>\$7,340</b>   | <b>\$7,340</b>      |
| <b>Schedule 41, Agricultural Pumping Service</b> |                  |                  |                  |                     |
| Transmission & Ancillary Services <sup>1</sup>   | \$678            | \$661            | \$661            | \$662               |
| System Usage <sup>2</sup>                        |                  | \$171            | \$171            | \$171               |
| Distribution                                     | \$11,957         | \$11,650         | \$11,650         | \$11,647            |
| Other Adjustments                                | \$0              | \$0              | \$0              | \$0                 |
| Generation Energy - Other (non-NPC) (Sch 200)    | \$6,305          | \$6,670          | \$6,670          | \$6,670             |
| Generation Energy - Net Power Costs (Sch 201)    | \$6,421          | \$6,161          | \$6,421          | \$6,421             |
| <b>Total</b>                                     | <b>\$25,361</b>  | <b>\$25,312</b>  | <b>\$25,572</b>  | <b>\$25,571</b>     |

**PACIFIC POWER  
STATE OF OREGON  
Functionalized Revenue Targets and Summary of Proposed Functionalized Revenue  
Forecast 12 Months Ended December 31, 2014**

| Rate Schedule   | Present<br>Revenues (\$000) | Cost of Service<br>Revenues (\$000) | Target with                        | Summary of Proposed                |
|---|-----------------------------|-------------------------------------|------------------------------------|------------------------------------|
|   |                             |                                     | Unadjusted NPC<br>Revenues (\$000) | Functionalized<br>Revenues (\$000) |
| (1)   | (3)                         | (4)                                 | (5)                                | (6)                                |
| <b>Schedule 48, Large General Service, 1,000kW and over</b> |                             |                                     |                                    |                                    |
| Secondary Voltage   |                             |                                     |                                    |                                    |
| Transmission & Ancillary Services <sup>1</sup>              | \$1,997                     | \$2,022                             | \$2,022                            | \$2,028                            |
| System Usage <sup>2</sup>                                   |                             | \$419                               | \$419                              | \$420                              |
| Distribution  | \$9,885                     | \$10,326                            | \$10,326                           | \$10,315                           |
| Other Adjustments   | \$0                         | \$0                                 | \$0                                | \$0                                |
| Generation Energy - Other (non-NPC) (Sch 200)               | \$15,363                    | \$17,244                            | \$17,244                           | \$17,244                           |
| Generation Energy - Net Power Costs (Sch 201)               | \$15,615                    | \$15,928                            | \$15,615                           | \$15,615                           |
| <b>Total</b>  | <b>\$42,861</b>             | <b>\$45,938</b>                     | <b>\$45,626</b>                    | <b>\$45,623</b>                    |
| Primary Voltage   |                             |                                     |                                    |                                    |
| Transmission & Ancillary Services <sup>1</sup>              | \$4,796                     | \$5,051                             | \$5,051                            | \$5,043                            |
| System Usage <sup>2</sup>                                   |                             | \$1,048                             | \$1,048                            | \$1,055                            |
| Distribution  | \$19,794                    | \$21,832                            | \$21,832                           | \$21,890                           |
| Other Adjustments   | \$0                         | \$0                                 | \$0                                | \$0                                |
| Generation Energy - Other (non-NPC) (Sch 200)               | \$38,878                    | \$44,071                            | \$44,071                           | \$44,019                           |
| Generation Energy - Net Power Costs (Sch 201)               | \$39,611                    | \$40,708                            | \$39,611                           | \$39,611                           |
| <b>Total</b>  | <b>\$103,079</b>            | <b>\$112,709</b>                    | <b>\$111,613</b>                   | <b>\$111,618</b>                   |
| Transmission Voltage  |                             |                                     |                                    |                                    |
| Transmission & Ancillary Services <sup>1</sup>              | \$2,275                     | \$2,210                             | \$2,210                            | \$2,211                            |
| System Usage <sup>2</sup>                                   |                             | \$529                               | \$529                              | \$531                              |
| Distribution  | \$7,475                     | \$7,679                             | \$7,679                            | \$7,682                            |
| Other Adjustments   | \$0                         | \$0                                 | \$0                                | \$0                                |
| Generation Energy - Other (non-NPC) (Sch 200)               | \$19,667                    | \$22,138                            | \$22,138                           | \$22,130                           |
| Generation Energy - Net Power Costs (Sch 201)               | \$19,980                    | \$20,448                            | \$19,980                           | \$19,980                           |
| <b>Total</b>  | <b>\$49,397</b>             | <b>\$53,004</b>                     | <b>\$52,535</b>                    | <b>\$52,534</b>                    |
| <b>Schedules 51, 53, 54, Lighting<sup>3</sup></b>           |                             |                                     |                                    |                                    |
| Secondary Voltage   |                             |                                     |                                    |                                    |
| Transmission & Ancillary Services <sup>1</sup>              | \$14                        | \$13                                | \$13                               | \$14                               |
| System Usage <sup>2</sup>                                   |                             | \$11                                | \$11                               | \$10                               |
| Distribution  | \$1,654                     | \$1,834                             | \$1,834                            | \$1,833                            |
| Other Adjustments   | \$0                         | \$0                                 | \$0                                | \$0                                |
| Generation Energy - Other (non-NPC) (Sch 200)               | \$439                       | \$483                               | \$483                              | \$483                              |
| Generation Energy - Net Power Costs (Sch 201)               | \$448                       | \$446                               | \$448                              | \$448                              |
| <b>Total</b>  | <b>\$2,555</b>              | <b>\$2,786</b>                      | <b>\$2,788</b>                     | <b>\$2,789</b>                     |
| <b>TOTAL</b>  | <b>\$1,192,004</b>          | <b>\$1,245,787</b>                  | <b>\$1,246,878</b>                 | <b>\$1,246,878</b>                 |
| Additional Rate Schedules                                   |                             |                                     |                                    |                                    |
| Schedule 47   | \$11,332                    |                                     | \$12,134                           | \$12,134                           |
| Lighting 15, 50, 51 <sup>3</sup> , 52                       | \$3,402                     |                                     | \$3,712                            | \$3,712                            |
| <b>Total Oregon</b>   | <b>\$1,206,738</b>          |                                     | <b>\$1,262,725</b>                 | <b>\$1,262,725</b>                 |
|   |                             | <b>Revenue Increase</b>             | <b>\$55,987</b>                    | <b>\$55,987</b>                    |

<sup>1</sup>Includes only FERC transmission plus ancillary services revenues. Non-FERC transmission revenues are recovered through distribution charges.

<sup>2</sup>Includes the portion of Franchise & Energy Supplier Taxes which are associated with rates not paid by Direct Access consumers. The remainder of these fees are recovered through distribution charges.

<sup>3</sup>Cost of Service study includes only certain lamp types under Schedule 51.

**PACIFIC POWER**  
**State of Oregon**  
**Billing Determinants**  
**Actual 12 Months Ended June 30, 2012**  
**Forecast 12 Months Ended December 31, 2014**

| Schedule  | Actual             | Normalized         | Forecast              | Present   |               | Proposed  |               |
|---|--------------------|--------------------|-----------------------|-----------|---------------|-----------|---------------|
|   | 7/11-6/12<br>Units | 7/11-6/12<br>Units | 1/14 - 12/14<br>Units | Price     | Dollars       | Price     | Dollars       |
| <b>Schedule No. 4</b>                               |                    |                    |                       |           |               |           |               |
| <b>Residential Service</b>                          |                    |                    |                       |           |               |           |               |
| <b>Transmission &amp; Ancillary Services Charge</b> |                    |                    |                       |           |               |           |               |
| per kWh   | 5,473,577,108      | 5,408,535,590      | 5,379,568,669 kWh     | 0.378 ¢   | \$20,334,770  | 0.372 ¢   | \$20,011,995  |
| <b>System Usage Charge</b>                          |                    |                    |                       |           |               |           |               |
| per kWh   | 5,473,577,108      | 5,408,535,590      | 5,379,568,669 kWh     |           |               | 0.077 ¢   | \$4,142,268   |
| <b>Distribution Charge</b>                          |                    |                    |                       |           |               |           |               |
| Basic Charge, per month                             | 5,690,777          | 5,690,777          | 5,827,029 bill        | \$9.00    | \$52,443,260  | \$10.00   | \$58,270,289  |
| Three Phase Demand Charge, per kW demand            | 17,530             | 17,530             | 17,436 kW             | \$2.20    | \$38,359      | \$2.20    | \$38,359      |
| Three Phase Minimum Demand Charge, per month        | 1,506              | 1,506              | 1,542 bill            | \$3.80    | \$5,860       | \$3.80    | \$5,860       |
| Distribution Energy Charge, per kWh                 | 5,473,577,108      | 5,408,535,590      | 5,379,568,669 kWh     | 3.826 ¢   | \$205,822,297 | 3.821 ¢   | \$205,553,319 |
| <b>Energy Charge - Schedule 200</b>                 |                    |                    |                       |           |               |           |               |
| First Block kWh (0-1,000)                           | 4,046,215,827      | 3,998,134,827      | 3,976,721,700 kWh     | 2.559 ¢   | \$101,764,308 | 2.784 ¢   | \$110,711,932 |
| Second Block kWh (> 1,000)                          | 1,427,361,281      | 1,410,400,763      | 1,402,846,969 kWh     | 3.494 ¢   | \$49,015,473  | 3.802 ¢   | \$53,336,242  |
| <b>Subtotal</b>                                     | 5,473,577,108      | 5,408,535,590      | 5,379,568,669 kWh     |           | \$429,424,327 |           | \$452,070,264 |
| Schedule 201  |                    |                    |                       |           |               |           |               |
| First Block kWh (0-1,000)                           | 4,046,215,827      | 3,998,134,827      | 3,976,721,700 kWh     | 2.606 ¢   | \$103,633,368 | 2.606 ¢   | \$103,633,368 |
| Second Block kWh (> 1,000)                          | 1,427,361,281      | 1,410,400,763      | 1,402,846,969 kWh     | 3.559 ¢   | \$49,927,324  | 3.559 ¢   | \$49,927,324  |
| <b>Total</b>  | 5,473,577,108      | 5,408,535,590      | 5,379,568,669 kWh     |           | \$582,985,019 |           | \$605,630,956 |
|   |                    |                    |                       |           |               | Change    | \$22,645,937  |
| <b>Schedule No. 23/723 - Composite</b>              |                    |                    |                       |           |               |           |               |
| <b>General Service (Secondary)</b>                  |                    |                    |                       |           |               |           |               |
| <b>Transmission &amp; Ancillary Services Charge</b> |                    |                    |                       |           |               |           |               |
| per kWh   | 1,128,657,655      | 1,123,360,093      | 1,099,810,037 kWh     | 0.361 ¢   | \$3,970,314   | 0.365 ¢   | \$4,014,307   |
| <b>System Usage Charge</b>                          |                    |                    |                       |           |               |           |               |
| per kWh   | 1,128,657,655      | 1,123,360,093      | 1,099,810,037 kWh     |           |               | 0.075 ¢   | \$824,858     |
| <b>Distribution Charge</b>                          |                    |                    |                       |           |               |           |               |
| Basic Charge  |                    |                    |                       |           |               |           |               |
| Single Phase, per month                             | 709,691            | 709,691            | 682,389 bill          | \$17.95   | \$12,248,883  | \$18.45   | \$12,590,077  |
| Three Phase, per month                              | 211,594            | 211,594            | 203,734 bill          | \$26.80   | \$5,460,071   | \$27.60   | \$5,623,058   |
| Load Size Charge                                    |                    |                    |                       |           |               |           |               |
| ≤ 15 kW   |                    |                    | kW                    | No Charge |               | No Charge |               |
| per kW for all kW in excess of 15 kW                | 920,009            | 920,009            | 901,120 kW            | \$1.25    | \$1,126,400   | \$1.30    | \$1,171,456   |
| Demand Charge, the first 15 kW of demand            |                    |                    | kW                    | No Charge |               | No Charge |               |
| Demand Charge, per kW for all kW in excess of 15 kW | 483,146            | 483,146            | 473,196 kW            | \$4.17    | \$1,973,227   | \$4.29    | \$2,030,011   |
| Reactive Power Charge, per kvar                     | 88,406             | 88,406             | 86,927 kvar           | 65.00 ¢   | \$56,503      | 65.00 ¢   | \$56,503      |
| Distribution Energy Charge, per kWh                 | 1,128,657,655      | 1,123,360,093      | 1,099,810,037 kWh     | 2.622 ¢   | \$28,837,019  | 2.699 ¢   | \$29,683,873  |
| <b>Energy Charge - Schedule 200</b>                 |                    |                    |                       |           |               |           |               |
| 1st 3,000 kWh, per kWh                              | 877,038,849        | 872,921,849        | 854,629,409 kWh       | 2.877 ¢   | \$24,587,688  | 3.218 ¢   | \$27,501,974  |
| All additional kWh, per kWh                         | 251,618,806        | 250,438,244        | 245,180,628 kWh       | 2.135 ¢   | \$5,234,606   | 2.388 ¢   | \$5,854,913   |
| <b>Subtotal</b>                                     | 1,128,657,655      | 1,123,360,093      | 1,099,810,037 kWh     |           | \$83,494,711  |           | \$89,351,030  |
| Schedule 201  |                    |                    |                       |           |               |           |               |
| 1st 3,000 kWh, per kWh                              | 877,038,849        | 872,921,849        | 854,629,409 kWh       | 2.930 ¢   | \$25,040,642  | 2.930 ¢   | \$25,040,642  |
| All additional kWh, per kWh                         | 251,618,806        | 250,438,244        | 245,180,628 kWh       | 2.173 ¢   | \$5,327,775   | 2.173 ¢   | \$5,327,775   |
| <b>Total</b>  | 1,128,657,655      | 1,123,360,093      | 1,099,810,037 kWh     | 0.000 0   | \$113,863,128 |           | \$119,719,447 |
|   |                    |                    |                       |           |               | Change    | \$5,856,319   |
| <b>Schedule No. 23/723 - Composite</b>              |                    |                    |                       |           |               |           |               |
| <b>General Service (Primary)</b>                    |                    |                    |                       |           |               |           |               |
| <b>Transmission &amp; Ancillary Services Charge</b> |                    |                    |                       |           |               |           |               |
| per kWh   | 1,162,587          | 1,162,587          | 1,147,117 kWh         | 0.351 ¢   | \$4,026       | 0.355 ¢   | \$4,072       |
| <b>System Usage Charge</b>                          |                    |                    |                       |           |               |           |               |
| per kWh   | 1,162,587          | 1,162,587          | 1,147,117 kWh         |           |               | 0.073 ¢   | \$837         |
| <b>Distribution Charge</b>                          |                    |                    |                       |           |               |           |               |
| Basic Charge  |                    |                    |                       |           |               |           |               |
| Single Phase, per month                             | 302                | 302                | 290 bill              | \$17.95   | \$5,206       | \$18.45   | \$5,351       |
| Three Phase, per month                              | 232                | 232                | 225 bill              | \$26.80   | \$6,030       | \$27.60   | \$6,210       |
| Load Size Charge                                    |                    |                    |                       |           |               |           |               |
| ≤ 15 kW   |                    |                    | kW                    | No Charge |               | No Charge |               |
| per kW for all kW in excess of 15 kW                | 1,943              | 1,943              | 1,917 kW              | \$1.25    | \$2,396       | \$1.30    | \$2,492       |
| Demand Charge, the first 15 kW of demand            |                    |                    | kW                    | No Charge |               | No Charge |               |
| Demand Charge, per kW for all kW in excess of 15 kW | 819                | 819                | 806 kW                | \$4.05    | \$3,264       | \$4.17    | \$3,361       |
| Reactive Power Charge, per kvar                     | 1,215              | 1,215              | 1,229 kvar            | 60.00 ¢   | \$737         | 60.00 ¢   | \$737         |
| Distribution Energy Charge, per kWh                 | 1,162,587          | 1,162,587          | 1,147,117 kWh         | 2.548 ¢   | \$29,229      | 2.623 ¢   | \$30,089      |
| <b>Energy Charge - Schedule 200</b>                 |                    |                    |                       |           |               |           |               |
| 1st 3,000 kWh, per kWh                              | 805,814            | 805,814            | 792,413 kWh           | 2.796 ¢   | \$22,156      | 3.127 ¢   | \$24,779      |
| All additional kWh, per kWh                         | 356,773            | 356,773            | 354,704 kWh           | 2.075 ¢   | \$7,360       | 2.321 ¢   | \$8,233       |
| <b>Subtotal</b>                                     | 1,162,587          | 1,162,587          | 1,147,117 kWh         |           | \$80,404      |           | \$86,161      |
| Schedule 201  |                    |                    |                       |           |               |           |               |
| 1st 3,000 kWh, per kWh                              | 805,814            | 805,814            | 792,413 kWh           | 2.838 ¢   | \$22,489      | 2.838 ¢   | \$22,489      |
| All additional kWh, per kWh                         | 356,773            | 356,773            | 354,704 kWh           | 2.106 ¢   | \$7,470       | 2.106 ¢   | \$7,470       |
| <b>Total</b>  | 1,162,587          | 1,162,587          | 1,147,117 kWh         | 0.000 0   | \$110,363     |           | \$116,120     |
|   |                    |                    |                       |           |               | Change    | \$5,757       |

**PACIFIC POWER**  
**State of Oregon**  
**Billing Determinants**  
**Actual 12 Months Ended June 30, 2012**  
**Forecast 12 Months Ended December 31, 2014**

| Schedule  | Actual               | Normalized           | Forecast                 | Present  |                      | Proposed |                      |
|---|----------------------|----------------------|--------------------------|----------|----------------------|----------|----------------------|
|   | 7/11-6/12<br>Units   | 7/11-6/12<br>Units   | 1/14 - 12/14<br>Units    | Price    | Dollars              | Price    | Dollars              |
| <b>Schedule No. 28/728 - Composite</b>              |                      |                      |                          |          |                      |          |                      |
| <b>Large General Service - (Secondary)</b>          |                      |                      |                          |          |                      |          |                      |
| <b>Transmission &amp; Ancillary Services Charge</b> |                      |                      |                          |          |                      |          |                      |
| per kW  | 6,695,021            | 6,695,021            | 6,608,093 kW             | \$1.12   | \$7,401,064          | \$1.10   | \$7,268,902          |
| <b>System Usage Charge</b>                          |                      |                      |                          |          |                      |          |                      |
| per kW  | 2,006,302,002        | 2,001,326,623        | 1,974,277,099 kWh        |          |                      | 0.078 ¢  | \$1,539,936          |
| <b>Distribution Charge</b>                          |                      |                      |                          |          |                      |          |                      |
| Basic Charge  |                      |                      |                          |          |                      |          |                      |
| Load Size ≤ 50 kW, per month                        | 55,003               | 55,003               | 55,062 bill              | \$20.00  | \$1,101,240          | \$20.00  | \$1,101,240          |
| Load Size 51-100 kW, per month                      | 40,921               | 40,921               | 40,932 bill              | \$37.00  | \$1,514,484          | \$36.00  | \$1,473,552          |
| Load Size 101-300 kW, per month                     | 22,017               | 22,017               | 21,983 bill              | \$88.00  | \$1,934,504          | \$86.00  | \$1,890,538          |
| Load Size > 300 kW, per month                       | 437                  | 437                  | 437 bill                 | \$125.00 | \$54,625             | \$123.00 | \$53,751             |
| Load Size Charge                                    |                      |                      |                          |          |                      |          |                      |
| ≤ 50 kW, per kW                                     | 2,115,606            | 2,115,606            | 2,086,427 kW             | \$1.25   | \$2,608,034          | \$1.25   | \$2,608,034          |
| 51-100 kW, per kW                                   | 2,849,026            | 2,849,026            | 2,811,094 kW             | \$1.00   | \$2,811,094          | \$1.00   | \$2,811,094          |
| 101-300 kW, per kW                                  | 3,305,777            | 3,305,777            | 3,265,179 kW             | \$0.60   | \$1,959,107          | \$0.60   | \$1,959,107          |
| >300 kW, per kW                                     | 180,987              | 180,987              | 178,647 kW               | \$0.40   | \$71,459             | \$0.40   | \$71,459             |
| Demand Charge, per kW                               | 6,695,021            | 6,695,021            | 6,608,093 kW             | \$4.32   | \$28,546,962         | \$4.25   | \$28,084,395         |
| Reactive Power Charge, per kvar                     | 606,594              | 606,594              | 601,896 kvar             | 65.00 ¢  | \$391,232            | 65.00 ¢  | \$391,232            |
| Distribution Energy Charge, per kWh                 | 2,006,302,002        | 2,001,326,623        | 1,974,277,099 kWh        | 0.424 ¢  | \$8,370,935          | 0.407 ¢  | \$8,035,308          |
| <b>Energy Charge - Schedule 200</b>                 |                      |                      |                          |          |                      |          |                      |
| 1st 20,000 kWh, per kWh                             | 1,424,748,123        | 1,421,217,123        | 1,402,035,556 kWh        | 2.838 ¢  | \$39,789,769         | 3.061 ¢  | \$42,916,308         |
| All additional kWh, per kWh                         | 581,553,879          | 580,109,500          | 572,241,543 kWh          | 2.763 ¢  | \$15,811,034         | 2.980 ¢  | \$17,052,798         |
| <b>Subtotal</b>                                     | <b>2,006,302,002</b> | <b>2,001,326,623</b> | <b>1,974,277,099 kWh</b> |          | <b>\$112,365,543</b> |          | <b>\$117,257,654</b> |
| Schedule 201  |                      |                      |                          |          |                      |          |                      |
| 1st 20,000 kWh, per kWh                             | 1,424,748,123        | 1,421,217,123        | 1,402,035,556 kWh        | 2.891 ¢  | \$40,532,848         | 2.891 ¢  | \$40,532,848         |
| All additional kWh, per kWh                         | 581,553,879          | 580,109,500          | 572,241,543 kWh          | 2.812 ¢  | \$16,091,432         | 2.812 ¢  | \$16,091,432         |
| <b>Total</b>  | <b>2,006,302,002</b> | <b>2,001,326,623</b> | <b>1,974,277,099 kWh</b> |          | <b>\$168,989,823</b> |          | <b>\$173,881,934</b> |
|   |                      |                      |                          |          |                      | Change   | \$4,892,111          |
| <b>Schedule No. 28/728 - Composite</b>              |                      |                      |                          |          |                      |          |                      |
| <b>Large General Service - (Primary)</b>            |                      |                      |                          |          |                      |          |                      |
| <b>Transmission &amp; Ancillary Services Charge</b> |                      |                      |                          |          |                      |          |                      |
| per kW  | 68,909               | 68,909               | 68,711 kW                | \$1.00   | \$68,711             | \$0.89   | \$61,153             |
| <b>System Usage Charge</b>                          |                      |                      |                          |          |                      |          |                      |
| per kWh   | 18,660,769           | 18,660,769           | 18,573,773 kWh           |          |                      | 0.072 ¢  | \$13,373             |
| <b>Distribution Charge</b>                          |                      |                      |                          |          |                      |          |                      |
| Basic Charge  |                      |                      |                          |          |                      |          |                      |
| Load Size ≤ 50 kW, per month                        | 105                  | 105                  | 104 bill                 | \$24.00  | \$2,496              | \$26.00  | \$2,704              |
| Load Size 51-100 kW, per month                      | 185                  | 185                  | 183 bill                 | \$41.00  | \$7,503              | \$44.00  | \$8,052              |
| Load Size 101-300 kW, per month                     | 343                  | 343                  | 336 bill                 | \$97.00  | \$32,592             | \$104.00 | \$34,944             |
| Load Size > 300 kW, per month                       | 48                   | 48                   | 47 bill                  | \$139.00 | \$6,533              | \$150.00 | \$7,050              |
| Load Size Charge                                    |                      |                      |                          |          |                      |          |                      |
| ≤ 50 kW, per kW                                     | 3,479                | 3,479                | 3,447 kW                 | \$1.35   | \$4,653              | \$1.45   | \$4,998              |
| 51-100 kW, per kW                                   | 13,359               | 13,359               | 13,278 kW                | \$1.10   | \$14,606             | \$1.20   | \$15,934             |
| 101-300 kW, per kW                                  | 61,154               | 61,154               | 60,933 kW                | \$0.65   | \$39,606             | \$0.70   | \$42,653             |
| >300 kW, per kW                                     | 25,040               | 25,040               | 24,994 kW                | \$0.35   | \$8,748              | \$0.40   | \$9,998              |
| Demand Charge, per kW                               | 68,909               | 68,909               | 68,711 kW                | \$4.72   | \$324,316            | \$5.08   | \$349,052            |
| Reactive Power Charge, per kvar                     | 25,327               | 25,327               | 25,239 kvar              | 60.00 ¢  | \$15,143             | 60.00 ¢  | \$15,143             |
| Distribution Energy Charge, per kWh                 | 18,660,769           | 18,660,769           | 18,573,773 kWh           | 0.074 ¢  | \$13,745             | 0.083 ¢  | \$15,416             |
| <b>Energy Charge - Schedule 200</b>                 |                      |                      |                          |          |                      |          |                      |
| 1st 20,000 kWh, per kWh                             | 9,767,910            | 9,767,910            | 9,746,389 kWh            | 2.737 ¢  | \$266,759            | 2.920 ¢  | \$284,595            |
| All additional kWh, per kWh                         | 8,892,859            | 8,892,859            | 8,827,384 kWh            | 2.663 ¢  | \$235,073            | 2.841 ¢  | \$250,786            |
| <b>Subtotal</b>                                     | <b>18,660,769</b>    | <b>18,660,769</b>    | <b>18,573,773 kWh</b>    |          | <b>\$1,040,484</b>   |          | <b>\$1,115,851</b>   |
| Schedule 201  |                      |                      |                          |          |                      |          |                      |
| 1st 20,000 kWh, per kWh                             | 9,767,910            | 9,767,910            | 9,746,389 kWh            | 2.787 ¢  | \$271,632            | 2.787 ¢  | \$271,632            |
| All additional kWh, per kWh                         | 8,892,859            | 8,892,859            | 8,827,384 kWh            | 2.712 ¢  | \$239,399            | 2.712 ¢  | \$239,399            |
| <b>Total</b>  | <b>18,660,769</b>    | <b>18,660,769</b>    | <b>18,573,773 kWh</b>    |          | <b>\$1,551,515</b>   |          | <b>\$1,626,882</b>   |
|   |                      |                      |                          |          |                      | Change   | \$75,367             |



**PACIFIC POWER**  
**State of Oregon**  
**Billing Determinants**  
**Actual 12 Months Ended June 30, 2012**  
**Forecast 12 Months Ended December 31, 2014**

| Schedule  | Actual             | Normalized         | Forecast               | Present    |                     | Proposed   |                     |
|---|--------------------|--------------------|------------------------|------------|---------------------|------------|---------------------|
|   | 7/11-6/12<br>Units | 7/11-6/12<br>Units | 1/14 - 12/14<br>Units  | Price      | Dollars             | Price      | Dollars             |
| <b>Schedule No. 41/741 - Composite</b>              |                    |                    |                        |            |                     |            |                     |
| <b>Agricultural Pumping Service (Secondary)</b>     |                    |                    |                        |            |                     |            |                     |
| <b>Transmission &amp; Ancillary Services Charge</b> |                    |                    |                        |            |                     |            |                     |
| per kWh   | 217,448,274        | 221,662,849        | 230,988,811 kWh        | 0.293 ¢    | \$676,797           | 0.286 ¢    | \$660,628           |
| <b>System Usage Charge</b>                          |                    |                    |                        |            |                     |            |                     |
| per kWh   | 217,448,274        | 221,662,849        | 230,988,811 kWh        |            |                     | 0.074 ¢    | \$170,932           |
| <b>Distribution Charge</b>                          |                    |                    |                        |            |                     |            |                     |
| Basic Charge (billed in November)                   |                    |                    |                        |            |                     |            |                     |
| Load Size ≤ 50 kW, or Single Phase Any Size         | 6,116              | 6,116              | 6,912 bill             | No Charge  |                     | No Charge  |                     |
| Three Phase Load Size 51 - 300 kW, per customer     | 1,071              | 1,071              | 1,109 bill             | \$320.00   | \$354,880           | \$310.00   | \$343,790           |
| Three Phase Load Size > 300 kW, per customer        | 21                 | 21                 | 23 bill                | \$1,250.00 | \$28,750            | \$1,220.00 | \$28,060            |
| Total Customers                                     | 7,208              | 7,208              | 8,044 bill             |            |                     |            |                     |
| Monthly Bills                                       | 41,294             | 41,294             | 47,005                 |            |                     |            |                     |
| Load Size Charge (billed in November)               |                    |                    |                        |            |                     |            |                     |
| Single Phase Any Size, Three Phase ≤ 50 kW          | 106,062            | 106,062            | 111,212 kW             | \$15.00    | \$1,668,180         | \$15.00    | \$1,668,180         |
| Three Phase Load Size 51-300 kW, per kW             | 95,183             | 95,183             | 98,529 kW              | \$10.00    | \$985,290           | \$10.00    | \$985,290           |
| Three Phase Load Size > 300 kW, per kW              | 11,823             | 11,823             | 12,295 kW              | \$6.00     | \$73,770            | \$6.00     | \$73,770            |
| Single Phase, Minimum Charge                        | 386                | 386                | 451 bill               | \$55.00    | \$24,805            | \$55.00    | \$24,805            |
| Three Phase, Minimum Charge                         | 1,314              | 1,314              | 1,505 bill             | \$95.00    | \$142,975           | \$95.00    | \$142,975           |
| Distribution Energy Charge, per kWh                 | 217,448,274        | 221,662,849        | 230,988,811 kWh        | 3.708 ¢    | \$8,565,065         | 3.579 ¢    | \$8,267,090         |
| Reactive Power Charge, per kvar                     | 140,668            | 140,668            | 144,328 kvar           | 65.00 ¢    | \$93,813            | 65.00 ¢    | \$93,813            |
| <b>Energy Charge - Schedule 200</b>                 |                    |                    |                        |            |                     |            |                     |
| Winter, 1st 100 kWh/kW, per kWh                     | 1,619,361          | 2,722,361          | 2,861,725 kWh          | 3.975 ¢    | \$113,754           | 4.205 ¢    | \$120,336           |
| Winter, All additional kWh, per kWh                 | 1,368,676          | 2,336,220          | 2,445,439 kWh          | 2.709 ¢    | \$66,247            | 2.866 ¢    | \$70,086            |
| Summer, All kWh, per kW                             | 214,460,237        | 216,604,268        | 225,681,647 kWh        | 2.709 ¢    | \$6,113,716         | 2.866 ¢    | \$6,468,036         |
| <b>Subtotal</b>                                     | <b>217,448,274</b> | <b>221,662,849</b> | <b>230,988,811 kWh</b> |            | <b>\$18,908,042</b> |            | <b>\$19,117,791</b> |
| Schedule 201  |                    |                    |                        |            |                     |            |                     |
| Winter, 1st 100 kWh/kW, per kWh                     | 1,619,361          | 2,722,361          | 2,861,725 kWh          | 4.050 ¢    | \$115,900           | 4.050 ¢    | \$115,900           |
| Winter, All additional kWh, per kWh                 | 1,368,676          | 2,336,220          | 2,445,439 kWh          | 2.759 ¢    | \$67,470            | 2.759 ¢    | \$67,470            |
| Summer, All kWh, per kW                             | 214,460,237        | 216,604,268        | 225,681,647 kWh        | 2.759 ¢    | \$6,226,557         | 2.759 ¢    | \$6,226,557         |
| <b>Total</b>  | <b>217,448,274</b> | <b>221,662,849</b> | <b>230,988,811 kWh</b> |            | <b>\$25,317,969</b> |            | <b>\$25,527,718</b> |
|   |                    |                    |                        |            |                     | Change     | \$209,749           |
| <b>Schedule No. 41/741</b>                          |                    |                    |                        |            |                     |            |                     |
| <b>Agricultural Pumping Service (Primary)</b>       |                    |                    |                        |            |                     |            |                     |
| <b>Transmission &amp; Ancillary Services Charge</b> |                    |                    |                        |            |                     |            |                     |
| per kWh   | 388,834            | 388,834            | 414,701 kWh            | 0.285 ¢    | \$1,182             | 0.278 ¢    | \$1,153             |
| <b>System Usage Charge</b>                          |                    |                    |                        |            |                     |            |                     |
| per kWh   | 388,834            | 388,834            | 414,701 kWh            |            |                     | 0.072 ¢    | \$299               |
| <b>Distribution Charge</b>                          |                    |                    |                        |            |                     |            |                     |
| Basic Charge (billed in November)                   |                    |                    |                        |            |                     |            |                     |
| Load Size ≤ 50 kW, or Single Phase Any Size         | 1                  | 1                  | 1 bill                 | No Charge  |                     | No Charge  |                     |
| Three Phase Load Size 51 - 300 kW, per customer     | 0                  | 0                  | 0 bill                 | \$310.00   | \$0                 | \$300.00   | \$0                 |
| Three Phase Load Size > 300 kW, per customer        | 1                  | 1                  | 1 bill                 | \$1,210.00 | \$1,210             | \$1,190.00 | \$1,190             |
| Total Customers                                     | 2                  | 2                  | 2 bill                 |            |                     |            |                     |
| Monthly Bills                                       | 33                 | 33                 | 33                     |            |                     |            |                     |
| Load Size Charge (billed in November)               |                    |                    |                        |            |                     |            |                     |
| Single Phase Any Size, Three Phase ≤ 50 kW          | 12                 | 12                 | 13 kW                  | \$15.00    | \$195               | \$15.00    | \$195               |
| Three Phase Load Size 51-300 kW, per kW             | 0                  | 0                  | 0 kW                   | \$10.00    | \$0                 | \$10.00    | \$0                 |
| Three Phase Load Size > 300 kW, per kW              | 371                | 371                | 396 kW                 | \$6.00     | \$2,376             | \$6.00     | \$2,376             |
| Single Phase, Minimum Charge                        | 0                  | 0                  | 0 bill                 | \$55.00    | \$0                 | \$55.00    | \$0                 |
| Three Phase, Minimum Charge                         | 1                  | 1                  | 1 bill                 | \$90.00    | \$90                | \$90.00    | \$90                |
| Distribution Energy Charge, per kWh                 | 388,834            | 388,834            | 414,701 kWh            | 3.603 ¢    | \$14,942            | 3.478 ¢    | \$14,423            |
| Reactive Power Charge, per kvar                     | 1,212              | 1,212              | 1,293 kvar             | 60.00 ¢    | \$776               | 60.00 ¢    | \$776               |
| <b>Energy Charge - Schedule 200</b>                 |                    |                    |                        |            |                     |            |                     |
| Winter, 1st 100 kWh/kW, per kWh                     | 9,199              | 9,199              | 9,811 kWh              | 3.863 ¢    | \$379               | 4.086 ¢    | \$401               |
| Winter, All additional kWh, per kWh                 | 52,614             | 52,614             | 56,114 kWh             | 2.633 ¢    | \$1,477             | 2.785 ¢    | \$1,563             |
| Summer, All kWh, per kW                             | 327,021            | 327,021            | 348,776 kWh            | 2.633 ¢    | \$9,183             | 2.785 ¢    | \$9,713             |
| <b>Subtotal</b>                                     | <b>388,834</b>     | <b>388,834</b>     | <b>414,701 kWh</b>     |            | <b>\$31,810</b>     |            | <b>\$32,179</b>     |
| Schedule 201  |                    |                    |                        |            |                     |            |                     |
| Winter, 1st 100 kWh/kW, per kWh                     | 9,199              | 9,199              | 9,811 kWh              | 3.922 ¢    | \$385               | 3.922 ¢    | \$385               |
| Winter, All additional kWh, per kWh                 | 52,614             | 52,614             | 56,114 kWh             | 2.672 ¢    | \$1,499             | 2.672 ¢    | \$1,499             |
| Summer, All kWh, per kW                             | 327,021            | 327,021            | 348,776 kWh            | 2.672 ¢    | \$9,319             | 2.672 ¢    | \$9,319             |
| <b>Total</b>  | <b>388,834</b>     | <b>388,834</b>     | <b>414,701 kWh</b>     |            | <b>\$43,013</b>     |            | <b>\$43,382</b>     |
|   |                    |                    |                        |            |                     | Change     | \$369               |







PACIFIC POWER  
State of Oregon  
Billing Determinants  
Actual 12 Months Ended June 30, 2012  
Forecast 12 Months Ended December 31, 2014

| Schedule   | Actual             | Normalized         | Forecast               | Present    |                     | Proposed   |                     |
|--|--------------------|--------------------|------------------------|------------|---------------------|------------|---------------------|
|  | 7/11-6/12<br>Units | 7/11-6/12<br>Units | 1/14 - 12/14<br>Units  | Price      | Dollars             | Price      | Dollars             |
| <b>Schedule No. 48/748 - Composite</b>                     |                    |                    |                        |            |                     |            |                     |
| <b>Large General Service (Transmission)</b>                |                    |                    |                        |            |                     |            |                     |
| <b><u>Transmission &amp; Ancillary Services Charge</u></b> |                    |                    |                        |            |                     |            |                     |
| per kW of on-peak demand                                   | 832,525            | 832,525            | 1,285,292 kW           | \$1.77     | \$2,274,967         | \$1.72     | \$2,210,702         |
| <b><u>System Usage Charge</u></b>                          |                    |                    |                        |            |                     |            |                     |
| per kWh  | 528,557,000        | 528,557,000        | 829,896,081 kWh        |            |                     | 0.064 ¢    | \$531,133           |
| <b><u>Distribution Charge</u></b>                          |                    |                    |                        |            |                     |            |                     |
| Basic Charge   |                    |                    |                        |            |                     |            |                     |
| Facility Capacity ≤ 4,000 kW, per month                    | 36                 | 36                 | 36 bill                | \$960.00   | \$34,560            | \$990.00   | \$35,640            |
| Facility Capacity > 4,000 kW, per month                    | 36                 | 36                 | 58 bill                | \$1,780.00 | \$103,240           | \$1,830.00 | \$106,140           |
| Facilities Charge  |                    |                    |                        |            |                     |            |                     |
| Facility Capacity ≤ 4,000 kW, per kW                       | 49,400             | 49,400             | 50,204 kW              | \$1.15     | \$57,735            | \$0.80     | \$40,163            |
| Facility Capacity > 4,000 kW, per kW                       | 826,354            | 826,354            | 1,280,310 kW           | \$1.15     | \$1,472,357         | \$0.80     | \$1,024,248         |
| Demand Charge, per kW of on-peak demand                    | 832,525            | 832,525            | 1,285,292 kW           | \$4.47     | \$5,745,255         | \$4.99     | \$6,413,607         |
| Reactive Power Charge, per kvar                            | 122,144            | 122,144            | 113,276 kvar           | 55.00 ¢    | \$62,302            | 55.00 ¢    | \$62,302            |
| <b><u>Energy Charge - Schedule 200</u></b>                 |                    |                    |                        |            |                     |            |                     |
| Demand Charge, per kW of On-Peak demand                    | 832,525            | 832,525            | 1,285,292 kW           | \$1.19     | \$1,529,497         | \$1.26     | \$1,619,468         |
| On-Peak, per on-peak kWh                                   | 296,805,000        | 296,805,000        | 472,809,887 kWh        | 2.207 ¢    | \$10,434,914        | 2.493 ¢    | \$11,787,150        |
| Off-Peak, per off-peak kWh                                 | 231,752,000        | 231,752,000        | 357,086,194 kWh        | 2.157 ¢    | \$7,702,349         | 2.443 ¢    | \$8,723,616         |
| <b>Subtotal</b>  | <b>528,557,000</b> | <b>528,557,000</b> | <b>829,896,081 kWh</b> |            | <b>\$29,417,176</b> |            | <b>\$32,554,169</b> |
| Schedule 201   |                    |                    |                        |            |                     |            |                     |
| On-Peak, per on-peak kWh                                   | 296,805,000        | 296,805,000        | 472,809,887 kWh        | 2.429 ¢    | \$11,484,552        | 2.429 ¢    | \$11,484,552        |
| Off-Peak, per off-peak kWh                                 | 231,752,000        | 231,752,000        | 357,086,194 kWh        | 2.379 ¢    | \$8,495,081         | 2.379 ¢    | \$8,495,081         |
| <b>Total</b>   | <b>528,557,000</b> | <b>528,557,000</b> | <b>829,896,081 kWh</b> |            | <b>\$49,396,809</b> |            | <b>\$52,533,802</b> |
|  |                    |                    |                        |            |                     | Change     | \$3,136,993         |

**PACIFIC POWER**  
**State of Oregon**  
**Billing Determinants**  
**Actual 12 Months Ended June 30, 2012**  
**Forecast 12 Months Ended December 31, 2014**

| Schedule   | Actual             | Normalized         | Forecast              | Present  |             | Proposed |             |
|--|--------------------|--------------------|-----------------------|----------|-------------|----------|-------------|
|  | 7/11-6/12<br>Units | 7/11-6/12<br>Units | 1/14 - 12/14<br>Units | Price    | Dollars     | Price    | Dollars     |
| <b>Schedule No. 15 - Composite</b>                   |                    |                    |                       |          |             |          |             |
| <b>Outdoor Area Lighting Service</b>                 |                    |                    |                       |          |             |          |             |
| No. of Customers                                     | 7,040              | 7,040              | 6,769                 |          |             |          |             |
| <b>Transmission &amp; Ancillary Services Charge</b>  |                    |                    |                       |          |             |          |             |
| per kWh  | 10,107,088         | 10,107,088         | 9,286,499 kWh         | 0.060 ¢  | \$5,842     | 0.061 ¢  | \$5,842     |
| <b>System Usage Charge</b>                           |                    |                    |                       |          |             |          |             |
| per kWh  | 10,107,088         | 10,107,088         | 9,286,499 kWh         |          |             | 0.049 ¢  | \$4,721     |
| <b>Distribution Charge</b>                           |                    |                    |                       |          |             |          |             |
| Distribution Charge, per kWh                         | 10,107,088         | 10,107,088         | 9,286,499 kWh         | 7.880 ¢  | \$732,292   | 8.751 ¢  | \$812,708   |
| <b>Energy Charge - Schedule 200</b>                  |                    |                    |                       |          |             |          |             |
| per kWh  | 10,107,088         | 10,107,088         | 9,286,499 kWh         | 2.046 ¢  | \$189,638   | 2.249 ¢  | \$208,959   |
| <b>Subtotal</b>                                      | 10,107,088         | 10,107,088         | 9,286,499 kWh         |          | \$927,773   |          | \$1,032,230 |
| Schedule 201   |                    |                    |                       |          |             |          |             |
| per kWh  | 10,107,088         | 10,107,088         | 9,286,499 kWh         | 2.287 ¢  | \$212,447   | 2.287 ¢  | \$212,447   |
| <b>Total</b>   | 10,107,088         | 10,107,088         | 9,286,499 kWh         |          | \$1,140,219 |          | \$1,244,677 |
|  |                    |                    |                       |          |             | Change   | \$104,458   |
| <b>Schedule No. 50</b>                               |                    |                    |                       |          |             |          |             |
| <b>Mercury Vapor Street Lighting Service</b>         |                    |                    |                       |          |             |          |             |
| No. of Customers                                     | 246                | 246                | 251                   |          |             |          |             |
| <b>Transmission &amp; Ancillary Services Charge</b>  |                    |                    |                       |          |             |          |             |
| per kWh  | 8,902,125          | 8,902,125          | 7,823,337 kWh         | 0.060 ¢  | \$5,006     | 0.061 ¢  | \$5,006     |
| <b>System Usage Charge</b>                           |                    |                    |                       |          |             |          |             |
| per kWh  | 8,902,125          | 8,902,125          | 7,823,337 kWh         |          |             | 0.049 ¢  | \$4,005     |
| <b>Distribution Charge</b>                           |                    |                    |                       |          |             |          |             |
| Distribution Charge, per kWh                         | 8,902,125          | 8,902,125          | 7,823,337 kWh         | 6.799 ¢  | \$531,907   | 7.528 ¢  | \$588,942   |
| <b>Energy Charge - Schedule 200</b>                  |                    |                    |                       |          |             |          |             |
| per kWh  | 8,902,125          | 8,902,125          | 7,823,337 kWh         | 1.845 ¢  | \$144,128   | 2.028 ¢  | \$158,572   |
| <b>Subtotal</b>                                      | 8,902,125          | 8,902,125          | 7,823,337 kWh         |          | \$681,041   |          | \$756,525   |
| Schedule 201   |                    |                    |                       |          |             |          |             |
| per kWh  | 8,902,125          | 8,902,125          | 7,823,337 kWh         | 1.880 ¢  | \$147,131   | 1.880 ¢  | \$147,131   |
| <b>Total</b>   | 8,902,125          | 8,902,125          | 7,823,337 kWh         |          | \$828,172   |          | \$903,657   |
|  |                    |                    |                       |          |             | Change   | \$75,485    |
| <b>Schedule No. 51/751, 55</b>                       |                    |                    |                       |          |             |          |             |
| <b>Street Lighting Service, Company-Owned System</b> |                    |                    |                       |          |             |          |             |
| No. of Customers                                     | 702                | 702                | 747                   |          |             |          |             |
| <b>Transmission &amp; Ancillary Services Charge</b>  |                    |                    |                       |          |             |          |             |
| per kWh  | 18,868,176         | 18,868,176         | 19,612,310 kWh        | 0.060 ¢  | \$12,504    | 0.061 ¢  | \$12,506    |
| <b>System Usage Charge</b>                           |                    |                    |                       |          |             |          |             |
| per kWh  | 18,868,176         | 18,868,176         | 19,612,310 kWh        |          |             | 0.049 ¢  | \$9,551     |
| <b>Distribution Charge</b>                           |                    |                    |                       |          |             |          |             |
| Distribution Charge, per kWh                         | 18,868,176         | 18,868,176         | 19,612,310 kWh        | 10.833 ¢ | \$2,124,598 | 12.028 ¢ | \$2,359,047 |
| <b>Energy Charge - Schedule 200</b>                  |                    |                    |                       |          |             |          |             |
| per kWh  | 18,868,176         | 18,868,176         | 19,612,310 kWh        | 2.914 ¢  | \$571,142   | 3.204 ¢  | \$627,973   |
| <b>Subtotal</b>                                      | 18,868,176         | 18,868,176         | 19,612,310 kWh        |          | \$2,708,245 |          | \$3,009,077 |
| Schedule 201   |                    |                    |                       |          |             |          |             |
| per kWh  | 18,868,176         | 18,868,176         | 19,612,310 kWh        | 2.967 ¢  | \$582,552   | 2.967 ¢  | \$582,552   |
| <b>Total</b>   | 18,868,176         | 18,868,176         | 19,612,310 kWh        |          | \$3,290,797 |          | \$3,591,628 |
|  |                    |                    |                       |          |             | Change   | \$300,832   |

**PACIFIC POWER**  
**State of Oregon**  
**Billing Determinants**  
**Actual 12 Months Ended June 30, 2012**  
**Forecast 12 Months Ended December 31, 2014**

| Schedule  | Actual                | Normalized            | Forecast              | Present |                        | Proposed |                        |
|---|-----------------------|-----------------------|-----------------------|---------|------------------------|----------|------------------------|
|   | 7/11-6/12<br>Units    | 7/11-6/12<br>Units    | 1/14 - 12/14<br>Units | Price   | Dollars                | Price    | Dollars                |
| <b>Schedule No. 52/752</b>                            |                       |                       |                       |         |                        |          |                        |
| <b>Street Lighting Service, Company-Owned System</b>  |                       |                       |                       |         |                        |          |                        |
| No. of Customers                                      | 48                    | 48                    | 44                    |         |                        |          |                        |
| <b>Transmission &amp; Ancillary Services Charge</b>   |                       |                       |                       |         |                        |          |                        |
| per kWh   | 566,839               | 566,839               | 523,143 kWh           | 0.060 ¢ | \$314                  | 0.061 ¢  | \$319                  |
| <b>System Usage Charge</b>                            |                       |                       |                       |         |                        |          |                        |
| per kWh   | 566,839               | 566,839               | 523,143 kWh           |         |                        | 0.049 ¢  | \$256                  |
| <b>Distribution Charge</b>                            |                       |                       |                       |         |                        |          |                        |
| Distribution Charge, per kWh                          | 566,839               | 566,839               | 523,143 kWh           | 7.904 ¢ | \$41,339               | 8.770 ¢  | \$45,880               |
| <b>Energy Charge - Schedule 200</b>                   |                       |                       |                       |         |                        |          |                        |
| per kWh   | 566,839               | 566,839               | 523,143 kWh           | 2.233 ¢ | \$11,682               | 2.455 ¢  | \$12,843               |
| <b>Subtotal</b>                                       | <u>566,839</u>        | <u>566,839</u>        | <u>523,143 kWh</u>    |         | <u>\$53,335</u>        |          | <u>\$59,299</u>        |
| Schedule 201  |                       |                       |                       |         |                        |          |                        |
| per kWh   | 566,839               | 566,839               | 523,143 kWh           | 2.273 ¢ | \$11,891               | 2.273 ¢  | \$11,891               |
| <b>Total</b>  | <u>566,839</u>        | <u>566,839</u>        | <u>523,143 kWh</u>    |         | <u>\$65,226</u>        |          | <u>\$71,190</u>        |
|   |                       |                       |                       |         |                        | Change   | \$5,964                |
| <b>Schedule No. 53/753</b>                            |                       |                       |                       |         |                        |          |                        |
| <b>Street Lighting Service, Consumer-Owned System</b> |                       |                       |                       |         |                        |          |                        |
| No. of Customers                                      | 253                   | 253                   | 266                   |         |                        |          |                        |
| <b>Transmission &amp; Ancillary Services Charge</b>   |                       |                       |                       |         |                        |          |                        |
| per kWh   | 9,668,960             | 9,668,960             | 8,966,764 kWh         | 0.060 ¢ | \$5,380                | 0.061 ¢  | \$5,470                |
| <b>System Usage Charge</b>                            |                       |                       |                       |         |                        |          |                        |
| per kWh   | 9,668,960             | 9,668,960             | 8,966,764 kWh         |         |                        | 0.049 ¢  | \$4,394                |
| <b>Distribution Charge</b>                            |                       |                       |                       |         |                        |          |                        |
| Distribution Charge, per kWh                          | 9,668,960             | 9,668,960             | 8,966,764 kWh         | 3.960 ¢ | \$355,093              | 4.358 ¢  | \$390,781              |
| <b>Energy Charge - Schedule 200</b>                   |                       |                       |                       |         |                        |          |                        |
| per kWh   | 9,668,960             | 9,668,960             | 8,966,764 kWh         | 0.953 ¢ | \$85,453               | 1.048 ¢  | \$93,972               |
| <b>Subtotal</b>                                       | <u>9,668,960</u>      | <u>9,668,960</u>      | <u>8,966,764 kWh</u>  |         | <u>\$445,926</u>       |          | <u>\$494,616</u>       |
| Schedule 201  |                       |                       |                       |         |                        |          |                        |
| per kWh   | 9,668,960             | 9,668,960             | 8,966,764 kWh         | 0.970 ¢ | \$86,978               | 0.970 ¢  | \$86,978               |
| <b>Total</b>  | <u>9,668,960</u>      | <u>9,668,960</u>      | <u>8,966,764 kWh</u>  |         | <u>\$532,904</u>       |          | <u>\$581,593</u>       |
|   |                       |                       |                       |         |                        | Change   | \$48,690               |
| <b>Schedule No. 54/754</b>                            |                       |                       |                       |         |                        |          |                        |
| <b>Recreational Field Lighting</b>                    |                       |                       |                       |         |                        |          |                        |
| <b>Transmission &amp; Ancillary Services Charge</b>   |                       |                       |                       |         |                        |          |                        |
| per kWh   | 1,205,229             | 1,205,229             | 1,249,347 kWh         | 0.060 ¢ | \$750                  | 0.061 ¢  | \$762                  |
| <b>System Usage Charge</b>                            |                       |                       |                       |         |                        |          |                        |
| per kWh   | 1,205,229             | 1,205,229             | 1,249,347 kWh         |         |                        | 0.049 ¢  | \$612                  |
| <b>Distribution Charge</b>                            |                       |                       |                       |         |                        |          |                        |
| Basic Charge, Single Phase, per month                 | 806                   | 806                   | 815 bill              | \$6.00  | \$4,890                | \$6.00   | \$4,890                |
| Basic Charge, Three Phase, per month                  | 430                   | 430                   | 435 bill              | \$9.00  | \$3,915                | \$9.00   | \$3,915                |
| Distribution Energy Charge, per kWh                   | 1,205,229             | 1,205,229             | 1,249,347 kWh         | 3.849 ¢ | \$48,087               | 4.360 ¢  | \$54,472               |
| <b>Energy Charge - Schedule 200</b>                   |                       |                       |                       |         |                        |          |                        |
| per kWh   | 1,205,229             | 1,205,229             | 1,249,347 kWh         | 1.640 ¢ | \$20,489               | 1.803 ¢  | \$22,526               |
| <b>Subtotal</b>                                       | <u>1,205,229</u>      | <u>1,205,229</u>      | <u>1,249,347 kWh</u>  |         | <u>\$78,131</u>        |          | <u>\$87,177</u>        |
| Schedule 201  |                       |                       |                       |         |                        |          |                        |
| per kWh   | 1,205,229             | 1,205,229             | 1,249,347 kWh         | 1.672 ¢ | \$20,889               | 1.672 ¢  | \$20,889               |
| <b>Total</b>  | <u>1,205,229</u>      | <u>1,205,229</u>      | <u>1,249,347 kWh</u>  |         | <u>\$99,020</u>        |          | <u>\$108,066</u>       |
|   |                       |                       |                       |         |                        | Change   | \$9,046                |
| <b>TOTAL OREGON</b>                                   | <u>13,005,012,106</u> | <u>12,939,543,912</u> | <u>13,168,970,566</u> |         | <u>\$1,206,737,803</u> |          | <u>\$1,262,724,955</u> |