

**EXH. SEF-4  
DOCKET UE-191037  
COLSTRIP UNIT 4 SALE  
WITNESS: SUSAN E. FREE**

**BEFORE THE  
WASHINGTON UTILITIES AND TRANSPORTATION COMMISSION**

**In the Matter of the Application of**

**PUGET SOUND ENERGY**

**For an Order Authorizing the Sale of  
All of Puget Sound Energy's Interests  
in Colstrip Unit 4 and Certain of Puget  
Sound Energy's Interests in the  
Colstrip Transmission System**

**Docket UE-191037**

**THIRD EXHIBIT (NONCONFIDENTIAL) TO THE  
PREFILED DIRECT TESTIMONY OF**

**SUSAN E. FREE**

**ON BEHALF OF PUGET SOUND ENERGY**

**FEBRUARY 19, 2020**

**Schedule B: Monthly Power Costs -- PCA PERIOD XX**  
**Revised PCA Exhibit B**  
**Subject to PCA Sharing**  
**UE-130617**

| Current Row | Row <sup>1</sup>                                    | Jan-19 | Feb-19 | Mar-19 | Apr-19 | May-19 | Jun-19 | Jul-19 | Aug-19 | Sep-19 | Oct-19 | Nov-19 | Dec-19 |
|-------------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 1           |   | \$ -   | \$ -   | \$ -   | \$ -   | \$ -   | \$ -   | \$ -   | \$ -   | \$ -   | \$ -   | \$ -   | \$ -   |
| 2           | Total Variable Component Actual                     |        |        |        |        |        |        |        |        |        |        |        |        |
| 3           | FERC Acct.  |        |        |        |        |        |        |        |        |        |        |        |        |
| 4           | 501   |        |        |        |        |        |        |        |        |        |        |        |        |
| 5           | Steam Operating Fuel                                |        |        |        |        |        |        |        |        |        |        |        |        |
| 6           | Other Power Generation Fuel                         |        |        |        |        |        |        |        |        |        |        |        |        |
| 7           | 547   |        |        |        |        |        |        |        |        |        |        |        |        |
| 8           | Purchased & Interchanged                            |        |        |        |        |        |        |        |        |        |        |        |        |
| 9           | 555   |        |        |        |        |        |        |        |        |        |        |        |        |
| 10          | Purchases/Sales of Non-Core Gas                     |        |        |        |        |        |        |        |        |        |        |        |        |
| 11          | 45600080, 81  |        |        |        |        |        |        |        |        |        |        |        |        |
| 12          | Brokerage Fees                                      |        |        |        |        |        |        |        |        |        |        |        |        |
| 13          | 55700003  |        |        |        |        |        |        |        |        |        |        |        |        |
| 14          | Sales to Others                                     |        |        |        |        |        |        |        |        |        |        |        |        |
| 15          | 447   |        |        |        |        |        |        |        |        |        |        |        |        |
| 16          | Wheeling  |        |        |        |        |        |        |        |        |        |        |        |        |
| 17          | 565   |        |        |        |        |        |        |        |        |        |        |        |        |
| 18          | Montana Electric Energy Tax                         |        |        |        |        |        |        |        |        |        |        |        |        |
| 19          | 40810005  |        |        |        |        |        |        |        |        |        |        |        |        |
| 20          | Subtotal Variable Components                        |        |        |        |        |        |        |        |        |        |        |        |        |
| 21          |   |        |        |        |        |        |        |        |        |        |        |        |        |
| 22          |   |        |        |        |        |        |        |        |        |        |        |        |        |
| 23          |   |        |        |        |        |        |        |        |        |        |        |        |        |
| 24          |   |        |        |        |        |        |        |        |        |        |        |        |        |
| 25          |   |        |        |        |        |        |        |        |        |        |        |        |        |
| 26          |   |        |        |        |        |        |        |        |        |        |        |        |        |
| 27          |   |        |        |        |        |        |        |        |        |        |        |        |        |
| 28          |   |        |        |        |        |        |        |        |        |        |        |        |        |
| 29          |   |        |        |        |        |        |        |        |        |        |        |        |        |
| 30          |   |        |        |        |        |        |        |        |        |        |        |        |        |
| 31          |   |        |        |        |        |        |        |        |        |        |        |        |        |
| 32          |   |        |        |        |        |        |        |        |        |        |        |        |        |
| 33          |   |        |        |        |        |        |        |        |        |        |        |        |        |
| 34          |   |        |        |        |        |        |        |        |        |        |        |        |        |
| 35          |   |        |        |        |        |        |        |        |        |        |        |        |        |
| 36          |   |        |        |        |        |        |        |        |        |        |        |        |        |
| 37          |   |        |        |        |        |        |        |        |        |        |        |        |        |
| 38          |   |        |        |        |        |        |        |        |        |        |        |        |        |
| 39          |   |        |        |        |        |        |        |        |        |        |        |        |        |
| 13          | PCA period delivered load (Kwh)                     |        |        |        |        |        |        |        |        |        |        |        |        |
| 14          | Variable Baseline Rate                              | \$ -   | \$ -   | \$ -   | \$ -   | \$ -   | \$ -   | \$ -   | \$ -   | \$ -   | \$ -   | \$ -   | \$ -   |
| 15          | Apr 30, 2019 - TBD                                  | \$ -   | \$ -   | \$ -   | \$ -   | \$ -   | \$ -   | \$ -   | \$ -   | \$ -   | \$ -   | \$ -   | \$ -   |
| 16          | Baseline Power Costs                                | \$ -   | \$ -   | \$ -   | \$ -   | \$ -   | \$ -   | \$ -   | \$ -   | \$ -   | \$ -   | \$ -   | \$ -   |
| 17          | Imbalance for Sharing                               | \$ -   | \$ -   | \$ -   | \$ -   | \$ -   | \$ -   | \$ -   | \$ -   | \$ -   | \$ -   | \$ -   | \$ -   |
| 18          | Surcharge or underrecovery/(refund or overrecovery) | \$ -   | \$ -   | \$ -   | \$ -   | \$ -   | \$ -   | \$ -   | \$ -   | \$ -   | \$ -   | \$ -   | \$ -   |
| 19          | Less Firm Wholesale                                 | \$ -   | \$ -   | \$ -   | \$ -   | \$ -   | \$ -   | \$ -   | \$ -   | \$ -   | \$ -   | \$ -   | \$ -   |
| 20          | Dec 19, 2017 -                                      | \$ -   | \$ -   | \$ -   | \$ -   | \$ -   | \$ -   | \$ -   | \$ -   | \$ -   | \$ -   | \$ -   | \$ -   |
| 21          | 0.03344%  | \$ -   | \$ -   | \$ -   | \$ -   | \$ -   | \$ -   | \$ -   | \$ -   | \$ -   | \$ -   | \$ -   | \$ -   |
| 22          | Gross PCA   | \$ -   | \$ -   | \$ -   | \$ -   | \$ -   | \$ -   | \$ -   | \$ -   | \$ -   | \$ -   | \$ -   | \$ -   |
| 23          | Gross PCA Contra                                    | \$ -   | \$ -   | \$ -   | \$ -   | \$ -   | \$ -   | \$ -   | \$ -   | \$ -   | \$ -   | \$ -   | \$ -   |
| 24          | Cumulative Gross PCA                                | \$ -   | \$ -   | \$ -   | \$ -   | \$ -   | \$ -   | \$ -   | \$ -   | \$ -   | \$ -   | \$ -   | \$ -   |
| 25          | Cumulative Gross PCA Contra                         | \$ -   | \$ -   | \$ -   | \$ -   | \$ -   | \$ -   | \$ -   | \$ -   | \$ -   | \$ -   | \$ -   | \$ -   |

1: This schedule was derived from the PCA collaborative Exhibit B which was approved in Exhibit B to Attachment A to the Settlement Stipulation approved in Order 11 of Docket UE-130617 which is also included as Exhibit A in this petition. The row presented correspond to that approved exhibit.

|  | 2019 GRC Initial Filing       | 2019 GRC Initial Filing    | Adjustments         | 2019 GRC Initial Filing | Adjustment Description   | Settlement: Adjusted Wind | Change from         |
|--|-------------------------------|----------------------------|---------------------|-------------------------|--|---------------------------|---------------------|
|  | Test Year - Jan '18 - Dec '18 | 2019 GRC May '20 - Apr '21 |                     | 2017 GRC Jan - Dec 2018 |  | 2017 GRC Settlement       |                     |
| Resources  |                               |                            |                     |                         |  |                           |                     |
| Colstrip 1&2   | 21,412,661                    | 1,448,718                  | (19,963,943)        | 1,448,718               | Remove all test year non-major maintenance O&M, proform rate year major maintenance amortization.              | 26,216,054                | (24,767,336)        |
| Colstrip 3&4   | 18,521,035                    | 18,662,726                 | 141,691             | 18,662,726              | Add Colstrip 1&2 share of test year Colstrip 1-4 common O&M. Proform rate year major maintenance amortization. | 18,217,016                | 445,709             |
| Lower Baker  | 2,377,548                     | 2,377,548                  | -                   | 2,377,548               | N/A - Rate Year = Test Year  | 4,763,084                 | (2,385,536)         |
| Upper Baker  | 6,916,981                     | 6,916,981                  | -                   | 6,916,981               | N/A - Rate Year = Test Year  | 4,413,567                 | 2,503,413           |
| Baker License  | 2,739,061                     | 2,881,401                  | 142,341             | 2,881,401               | Proform rate year license O&M  | 2,499,722                 | 381,680             |
| Electron   | -                             | -                          | -                   | -                       | Remove REA support expense from test year.   | -                         | -                   |
| Snoqualmie 1/2   | 3,912,164                     | 3,912,164                  | -                   | 3,912,164               | N/A - Rate Year = Test Year  | 5,169,224                 | (1,257,060)         |
| Snoqualmie License                                       | 387,124                       | 403,237                    | 16,112              | 403,237                 | Proform rate year license O&M  | 403,706                   | (469)               |
| Hopkins Ridge  | 7,215,042                     | 7,468,692                  | 253,650             | 7,468,692               | Proform rate year Vestas contract + Royalties based on RY MWs  | 6,761,537                 | 707,155             |
| Wild Horse   | 10,395,582                    | 11,283,276                 | 887,694             | 11,283,276              | Proform rate year Vestas contract + Royalties based on RY MWs  | 12,391,771                | (1,108,495)         |
| Lower Snake River  | 13,296,695                    | 13,950,947                 | 654,252             | 13,950,947              | Proforma rate year Siemens contract + Royalties based on RY MWs.   | 15,052,788                | (1,101,841)         |
| Crystal Mountain   | 145,178                       | 145,178                    | -                   | 145,178                 | No adj: rate year amortization = test year amortization  | 149,181                   | (4,003)             |
| Encogen  | 5,811,798                     | 5,826,998                  | 15,200              | 5,826,998               | No adj: rate year amortization = test year amortization  | 6,110,758                 | (283,759)           |
| Ferndale   | 7,205,208                     | 7,205,208                  | -                   | 7,205,208               | No adj: rate year amortization = test year amortization  | 6,267,176                 | 938,032             |
| Freddie 1  | 4,468,418                     | 4,540,880                  | 72,463              | 4,540,880               | Proform rate year major maintenance amortization.  | 5,216,199                 | (675,318)           |
| Frederickson   | 1,817,989                     | 1,584,889                  | (233,100)           | 1,584,889               | Proform rate year major maintenance amortization.  | 2,470,766                 | (885,877)           |
| Fredonia 1-4   | 4,456,315                     | 4,723,015                  | 266,700             | 4,723,015               | Proform rate year major maintenance amortization.  | 3,508,973                 | 1,214,041           |
| Goldendale   | 7,648,064                     | 7,686,664                  | 38,600              | 7,686,664               | Proform rate year major maintenance amortization.  | 8,195,838                 | (509,174)           |
| Mint Farm  | 7,827,834                     | 6,796,734                  | (1,031,100)         | 6,796,734               | Proform rate year major maintenance amortization.  | 7,719,847                 | (923,112)           |
| Sumas  | 5,437,990                     | 5,450,490                  | 12,500              | 5,450,490               | No adj: rate year amortization = test year amortization  | 5,421,970                 | 28,520              |
| Whitehorn 1-4  | 1,698,838                     | 1,777,918                  | 79,080              | 1,777,918               | N/A - Rate Year = Test Year  | 1,991,745                 | (213,827)           |
| Sys Control & Dispatch                                   | -                             | -                          | -                   | -                       |  | 31,426                    | (31,426)            |
| Undistrib/Other Including Incentive Clearing, Compliance | 1,207,562                     | 1,207,562                  | -                   | 1,207,562               | N/A - Rate Year = Test Year  | 2,911,685                 | (1,704,123)         |
| Glacier Battery  | 30,104                        | 30,104                     | -                   | 30,104                  |  | -                         | 30,104              |
| <b>Prod. O&amp;M incl. Benefits/Taxes</b>                | <b>134,929,191</b>            | <b>116,281,331</b>         | <b>(18,647,860)</b> | <b>116,281,331</b>      |  | <b>145,884,033</b>        | <b>(29,602,702)</b> |

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