EXH. CLS-9C
DOCKET UE-200115
COLSTRIP UNIT 4 SALE WITNESS: CINDY L. SONG

## BEFORE THE <br> 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 Docket UE-200115 in Colstrip Unit 4 and Certain of Puget Sound Energy's Interests in the Colstrip Transmission System

FIRST EXHIBIT (CONFIDENTIAL) TO THE PREFILED SUPPLEMENTAL DIRECT TESTIMONY OF

CINDY L. SONG
ON BEHALF O F PUGET SOUND ENERGY


AUGUST 20, 2020
PSE Quantitative Analysis Comparing "Business as Usual" Scenario and the "Proposed Sale" Scenario


Tab: NPV savings comparison (R)

Tab: 5-year Comparison (R)
Colstrip Unit 4 - Continuing Operations

Scenario 1 - No Hedging


| Line \$ in millions |  | $\begin{array}{r} \text { 12/17/2020- } \\ \text { 12/31/2020 } \end{array}$ | 12/31/2021 | 12/31/2022 | 12/31/2023 | 12/31/2024 | $\begin{aligned} & \text { 1/1/2025- } \\ & \text { 12/2/2025 } \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | 90 MW NEW PPA |  |  |  |  |  |  |
| 2 | NW + Talen PPA capacity | 90 MW | 90 MW | 90 MW | 90 MW | 90 MW | 90 MW |
| 3 |  |  |  |  |  |  |  |
| 4 | Energy (MWh) | XXXXXX | XXXXXX | XXXXXX | XXXXXX | XXXXXX | XXXXXX |
| 5 | PPA price (\$/MWh) | \$XX.XX/MWh | \$XX.XX/MWh | \$XX.XX/MWh | \$XX.XX/MWh | \$XX.XX/MWh | \$XX.XX/MWh |
| 6 | PPA cost | \$XXX M | \$XXX M | \$XXX M | \$XXX M | \$XXX M | \$XXX M |
| 7 | Base O\&M | \$XXX M | \$XXX M | \$XXX M | \$XXX M | \$XXX M | \$XXX M |
| 8 | Total PPA (line 6+7) | \$XXXM | \$XXX M | \$XXX M | \$XXX M | \$XXX M | \$XXX M |
| 9 |  |  |  |  |  |  |  |
|  |  | 12/17/2020- |  |  |  |  |  |
| 10 | 95 MW Replacement | 12/31/2020 | 12/31/2021 | 12/31/2022 | 12/31/2023 | 12/31/2024 | 12/31/2025 |
| 11 | Replacement energy post PPA |  |  |  |  |  |  |
| 12 | Replacement energy (MWh) | XXXXXX | XXXXXX | XXXXXX | XXXXXX | XXXXXX | XXXXXX |
| 13 | Mid-C price (\$/MWh) | \$XX.XX/MWh | \$XX.XX/MWh | \$XX.XX/MWh | \$XX.XX/MWh | \$XX.XX/MWh | \$XX.XX/MWh |
| 14 | Energy replacement | \$XXX M | \$XXX M | \$XXX M | \$XXX M | \$XXX M | \$XXX M |
| 15 |  |  |  |  |  |  |  |
| 16 | Replacement capacity winter only |  |  |  |  |  |  |
| 17 | Capacity (MW) | 95 MW | 95 MW | 95 MW | 95 MW | 95 MW | 95 MW |
| 18 | Capacity charge \$/KW-yr | \$XXX/kw-yr | \$XXX/kw-yr | \$XXX/kw-yr | \$XXX/kw-yr | \$XXX/kw-yr | \$XXX/kw-yr |
| 19 | Capacity replacement cost | \$XXX M | \$XXX M | \$XXX M | \$XXX M | \$XXX M | \$XXX M |
| 20 |  |  |  |  |  |  |  |

Scenario 1 - No Hedging


## Scenario 2 - Hedge 95MW






Cost Breakdown




Tab: Colstrip Dispatch Info (R)

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