## ack Hills Power Wygen III Cost Analysis Summary of Rate Base Calculation

| Line<br>No.    |   | _        | Plant Info at<br>100% of Cost | BHP Ownership<br>Percentage | BHP<br>Total  |
|----------------|---|----------|-------------------------------|-----------------------------|---------------|
| 1<br>2         | Total Gross Plant Cost (Final Amount)   |          | 244,640,251                   | 52%                         | 127,212,931   |
| 3              | Less:   |          |                               |                             |               |
| 4<br>5         | Accumulated Depreciation (1/2 yr)   | 2.35%    | 5,749,046                     | 52%                         | 1,494,752     |
| 6              | Federal Income Tax Depreciation   |          | 9,174,009                     |                             |               |
| 7              | Book Depreciation   | _        | 5,749,046                     | •                           |               |
| 8              | Difference  | _        | 3,424,964                     |                             |               |
| 9              | Federal Tax Rate  | 35.00% _ |                               |                             |               |
| 10<br>11       | Accumulated Deferred Income Tax   | _        | 1,198,737                     | 52%                         | 623,343       |
| 12<br>13       | 50% Federal Tax Bonus Depreciation  |          | 37,168,719                    | 52%                         | 19,327,734    |
| 14<br>15       | Wygen III Rate Base Amount (Line 1 - Line 4 - Line 10 - Line 12)  |          |                               |                             | 105,767,101   |
| 16<br>17       | Total Plant Rating in KW's  |          | 100,000                       | 52%                         | 52,000        |
| 18<br>19       | Cost Per KW in Rate Base  |          |                               |                             | \$ 2,034      |
| ?0<br>21       | Application to the Public Service Commission of Wyoming (Docket # 20002-69-EA-07)  Cost Per KW in Rate Base (\$255,000,000 + 100,000) |          |                               | -69-EA-07)                  | \$ 2,550      |
| 22<br>23<br>24 | Savings per KW (Line 21 - Line 18)  |          |                               |                             | \$ 516        |
| 25<br>26       | Rate Base Savings (Line 23 * 52,000) compared Public Convenience and Necessity in Wyomi   |          | pproved Certificate           | of                          | \$ 26,832,899 |

