

Black Hills Power
 Wygen III Cost Analysis
 Summary of Rate Base Calculation

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

