Black Hills Power, Inc.
South Dakota
Revenue Requirement Model Description

### **Section E**

**20:10:13:64. Statement E -- Accumulated Depreciation.** Statement E shall include a statement of the accumulated provision for depreciation by functional classification as of the beginning of each month of the test period and as of the end of the test period. Any claimed adjustments to the book amounts shall be shown in adjoining columns. All adjustments shall be clearly and fully explained in the supporting material submitted. The schedules required by §§ 20:10:13:65 to 20:10:13:67, inclusive, shall be submitted as part of statement E.

**Source:** 2 SDR 90, effective July 7, 1976; 12 SDR 151, 12 SDR 155, effective July 1, 1986.

General Authority: SDCL 49-34A-4.

**Law Implemented:**SDCL <u>49-34A-10</u>, <u>49-34A-12</u>, <u>49-34A-41</u>.

**Statement E, Page 1:** This Statement shows a 12 month average book balance for accumulated depreciation for Production Plant, Transmission Plant, Distribution Plant, General Plant, and Other Utility Plant, adjusted for plant annualizations, additions, depreciation rate changes, retirements and transmission assets related to the CUS system.

**Statement E, Page 2:** This statement shows a 12 month average book balance for accumulated amortization.

**Statement E, Page 3:** This schedule provides further detail of the 12 month average accumulated depreciation book balances for the test period, year ended September 30, 2013, for Production Plant.

## BLACK HILLS POWER, INC. ACCUMULATED PROVISION FOR DEPRECIATION TOTAL COMPANY BY FUNCTION

For the Pro Forma Test Year Ended September 30, 2013

Line												
No.	Month	Pi	Production Plant		Transmission Plant		tribution Plant	G	eneral Plant	Oth	er Utility Plant	 Total
1	September 2012	\$	185,009,828	\$	30,430,817	\$	97,928,472	\$	18,723,108	\$	17,470,510	\$ 349,562,735
2	October 2012		183,625,929		30,671,665		98,645,502		18,722,834		17,706,318	349,372,248
3	November 2012		184,681,800		30,787,538		99,094,155		18,929,053		18,003,938	351,496,484
4	December 2012		185,757,907		30,983,565		99,441,559		19,118,201		18,172,180	353,473,412
5	January 2013		186,617,311		31,178,012		100,029,982		19,314,610		17,962,309	355,102,224
6	February 2013		186,361,734		31,359,391		100,553,964		19,453,007		18,214,406	355,942,502
7	March 2013		187,151,918		31,532,793		101,126,511		19,604,685		18,279,444	357,695,351
8	April 2013		188,264,736		31,635,942		101,794,647		19,786,010		17,844,029	359,325,364
9	May 2013		189,248,613		31,828,815		102,327,951		19,909,838		17,038,207	360,353,424
10	June 2013		190,308,981		32,018,321		102,900,512		19,909,932		17,211,057	362,348,803
11	July 2013		191,161,217		32,093,030		103,546,672		20,110,156		16,822,903	363,733,978
12	August 2013		192,047,034		32,294,998		103,962,526		20,313,922		16,490,943	365,109,423
13	September 2013		192,896,849		32,479,778		103,797,225		20,448,825		16,648,968	366,271,645
14												
15	Thirteen Month Average		187,933,374		31,484,205		101,165,360		19,564,937		17,528,093	357,675,969
16												
17	Depreciation Expense for											
18	Plant Annualizations, Additions,	(3)	1,456,653		36,839		268,584		(32,842)		63,145	1,792,379
19	& Depreciation Rate Changes											
20												
21	Ben French, Neil Simpson I, and											
22	Osage Retirements (Note 2)		(48,617,471)						(64,522)			(48,681,993)
23												
24	Transmission Amounts (Note 1)		-		(30,697,750)		(442,577)		(2,118,537)		(1,586,917)	(34,845,781)
25	. ,				•		•		•		•	<u> </u>
26	Net BHP Amount	\$	140,772,556	\$	823,294	\$	100,991,367	\$	17,349,036	\$	16,004,321	\$ 275,940,574

<sup>28</sup> Note 1: The amount directly assigned to the Transmission jurisdictional assets related to the CUS system and AC-DC-AC Tie assets.

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Note 2: See Statement E pg 3 for the accumulated depreciation associated with the Neil Simpson I, Ben French, and Osage power plants. The accumulated

<sup>30</sup> depreciation associated with the general plant from these three power plants is provided on WP-5.

Note 3: Includes depreciation expense for subsequent plant additions and annualizations for the pro forma test year, as well as an adjustment for the change

<sup>32</sup> in depreciation rates provided in Statement J, divided by two to average the changes that occur throughout the test year.

# BLACK HILLS POWER, INC. ACCUMULATED PROVISION FOR AMORTIZATION For the Test Year Ended September 30, 2013

Line No.	Month	 Amount				
1	September 2012	\$ 3,107,577				
2	October 2012	3,115,695				
3	November 2012	3,123,812				
4	December 2012	3,131,929				
5	January 2013	3,140,046				
6	February 2013	3,148,163				
7	March 2013	3,156,280				
8	April 2013	3,164,398				
9	May 2013	3,172,515				
10	June 2013	3,180,632				
11	July 2013	3,188,749				
12	August 2013	3,196,866				
13	September 2013	3,204,984				
14		 				
15	Twelve Month Average	\$ 3,156,280				

#### BLACK HILLS POWER, INC. ACCUMULATED PROVISION FOR DEPRECIATION- PRODUCTION PLANT For the Test Year Ended September 30, 2013

(c)

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(a) (d) (e) (f) (g)

(b)

Line No.	Description	September 2012		October 2012		November 2012		December 2012		January 2013		February 2013		March 2013	
1	Steam Production- by Plant														
2	Ben French	\$	13,855,130	\$	13,920,467	\$	13,957,085	\$	13,996,322	\$	14,036,089	\$	14,068,645	\$	14,105,903
3	Neil Simpson I		16,069,800		16,119,783		16,179,763		16,227,798		16,291,407		16,346,666		16,407,374
5	Neil Simpson II		45,665,210		44,942,669		45,219,951		45,505,858		45,793,900		44,818,112		45,071,993
6	Osage		17,851,641		17,922,134		17,955,633		17,992,507		18,030,064		18,058,367		18,092,717
7	Wygen III		7,580,632		7,848,713		8,100,924		8,354,581		8,608,528		8,857,863		8,861,607
8	Wyodak		48,471,165		47,147,429		47,408,866		47,679,625		47,734,307		47,982,110		48,245,840
9															
10	Other Production		35,516,250		35,724,734		35,859,578		36,001,216		36,123,016		36,229,971		36,366,484
11	Total Production Plant	\$	185,009,828	\$	183,625,929	\$	184,681,800	\$	185,757,907	\$	186,617,311	\$	186,361,734	\$	187,151,918

### BLACK HILLS POWER, INC. ACCUMULATED PROVISION FOR DEPRECIATION- PRODUCTION PLANT For the Test Year Ended September 30, 2013

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			(h)		(i)		(j)		(k)		(1)		(m)		(n) Sum of (a):(m))/13]
Line No.	Description	April 2013		May 2013		June 2013		July 2013		August 2013		September 2013		13 Month Average	
1	Steam Production- by Plant														
2	Ben French	\$	14,146,739	\$	14,184,799	\$	14,221,135	\$	14,263,020	\$	14,305,002	\$	14,339,387	\$	14,107,671
3	Neil Simpson I		16,472,239		16,533,871		16,593,479		16,659,555		16,716,648		16,773,946		16,414,795
5	Neil Simpson II		45,361,106		45,565,747		45,846,358		46,144,904		46,221,389		46,474,301		45,587,038
6	Osage		18,131,657		18,167,044		18,200,228		18,240,517		18,280,928		18,311,634		18,095,005
7	Wygen III		9,118,326		9,369,474		9,623,852		9,882,150		10,122,221		10,372,509		8,977,029
8	Wyodak		48,521,772		48,788,181		49,048,766		49,045,919		49,325,421		49,578,681		48,382,929
9	•														
10	Other Production		36,512,897		36,639,497		36,775,163		36,925,152		37,075,425		37,046,391		36,368,906
11	<b>Total Production Plant</b>	\$	188,264,736	\$	189,248,613	\$	190,308,981	\$	191,161,217	\$	192,047,034	\$	192,896,849	\$	187,933,374