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

#### Section I

**20:10:13:85. Statement I -- Operating Revenues.** Statement I shall show the operating revenues from sales of electricity, gas and other sources classified in accordance with the commission's orders and with the operating revenue accounts prescribed by the FERC's uniform systems of accounts for public utilities and licensees or for gas companies, and the related kilowatt hours or MCF or BTU. Sales and services shall be distinguished between classes of service and other business of the utility. Items which are reflected as credits to cost of service in preparing statement M -- Overall cost of service, shall disclose the following, using supporting schedules as necessary:

- (1) Actual and proposed revenues by months for the 12-month test period and as adjusted for changes which are known and measurable and which are expected to be realized within 12 months from the end of the test period from jurisdictional sales as computed under the present effective and proposed rates;
- (2) Each class of consumer shall be shown separately. The related kilowatt hours or MCF or BTU shall be shown for each revenue item as appropriate;
- (3) Adjustments to actual period sales volumes shall be fully and clearly explained;
- (4) Credits to cost of service shall set forth the principal components comprising each of the various items which are reflected as credits to cost of service in preparing statement M -- Overall cost of service. The amounts per books, claimed adjustments, and as adjusted figures shall be clearly set forth.

**Source:** 2 SDR 90, effective July 7, 1976; 12 SDR 86, effective November 24, 1985; 12 SDR 151, 12 SDR 155, effective July 1, 1986.

General Authority: SDCL 49-34A-4.

Law Implemented: SDCL 49-34A-7, 49-34A-10, 49-34A-12, 49-34A-41.

Stmt I page 2 – South Dakota Revenue by Customer Classification. This schedule compares the revenue per books against the pro forma revenue for South Dakota and calculates the net adjustment.

**Stmt I page 3 - South Dakota Revenue by Customer Classification.** This schedule compares the revenue per books against the bill frequency revenue for South Dakota customers and calculates the variance.

**Stmt I page 4 – Removal of Energy Cost Revenue.** This schedule calculates the removal of energy cost revenue for retail customers.

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

 $\begin{tabular}{l} \textbf{Schedule I-1} - \textbf{This schedule lists the present and proposed revenues and rates by rate class.} \end{tabular}$ 

**Schedule I-2** – This schedule adjusts for the PIPR Rider Revenue.

# BLACK HILLS POWER, INC. OPERATING REVENUE For the Pro Forma Test Year Ended September 30, 2013

			(a)			(b)			(c)		
Line No.	Operating Revenue	Reference		Per Books		Pro Forma Adjustments			(a) + (b) Adjusted Total		
1	Sales of Electricity										
2	Retail										
3	South Dakota		\$	146,724,130	\$	(22,554,777)	(6)	\$	124,169,353		
4	Wyoming			13,264,644		(4,975,809)	(7)		8,288,835		
5	Montana			2,987,664		(573,837)	(7)		2,413,827		
6	Total Retail		<u> </u>	162,976,438		(28,104,423)			134,872,015		
7	P I										
8	Resale			20.705.661		(20.705.661)	(1)				
9	Other Non-Firm			30,795,661		(30,795,661)	(1)		-		
10	Contract Sales City of Gillette			21,472,488		- (455.212)	(2)		21,472,488		
11 12	Total Sales for Resale			455,312 52,723,461		(455,312) (31,250,973)	(2)		21,472,488		
13	Total Sales for Nesale			32,723,401		(31,230,973)			21,472,400		
14	Total Sales of Electricity	Ln.6 + Ln.12		215,699,899		(59,355,396)			156,344,503		
15	Total Jules of Electricity	LII.O . LII.IZ		213,033,033		(33,333,330)			130,344,303		
16	Other Operating Revenue										
17	Unbilled Revenue			1,882,932		(1,882,932)	(3)		-		
18	Energy Cost Adjustment Revenue			5,471,871		(5,471,871)			_		
19	Demand Side Management Revenu	е		(968,002)		(-, ,- ,	` ,		(968,002)		
20	Forfeited Discounts			267,907					267,907		
21	Miscellaneous Service Revenues			462,921					462,921		
22	Provision for Rate Refunds			(1,740,730)		1,740,730	(3)		-		
23	Rent from Electric Property & Othe	r		5,503,881		975,544	(5)		6,479,425		
24	Transmission Revenue			22,357,056					22,357,056		
25	Total Other Operating Revenue			33,237,836		(4,638,529)			28,599,307		
26											
27	Total Operating Revenue	Ln.14 + Ln.25	\$	248,937,735	\$	(63,993,925)		\$	184,943,810		
28											
29											
30	Note 1: Remove revenue rec							_			
31	Note 2: Remove City of Gillet				t ener	gy; associated c	osts	are i	ncluded in		
32	Power Marketing ad				_						
33	Note 3: Unbilled revenue and		rate r	etunds reflect acc	countir	ng accruals that	nee	d to I	be		
34	removed from pro fo										
35	Note 4: ECA revenue accrual								L 11 40		
36	Note 5: Neil Simpson Comple	ex snared facilities	agree	ment revenue adj	justme	ent is reflected (	on Sc	neau	ule H-10.		
37	Adjustment reflects	the cumulative off	oct of	E rovonuo adiustr	monte	to Couth Daket	a rat	ail re	wonues. (1)		
38	Note 6: Adjustment reflects										
39	Schedule I-2 for PIPR										
40	Revenue Adj. for wea		m + (4 <sub>.</sub>	, kevenue Aaj. for	ICS A	ccruai + (5) Kev	enue	Aaj.	. for Docket		
41	EL12-061 rate increa	se annualization				_					

Note 7: Adjustment to remove the base FPPA/TCA revenues as supported on Statement I Pg 4.

42

### BLACK HILLS POWER, INC. SOUTH DAKOTA REVENUE BY CUSTOMER CLASSIFICATION For the Pro Forma Test Year Ended September 30, 2013

		REVENUE PE	R BOOKS	PRO FORMA REVENUE					
	·					Difference Between Per Books			
						and Pro			
Line		Energy	Billing	Energy	Billing	Energy	Billing		
No.	Customer Classification	Sales - kWh	Revenue - \$	Sales - kWh	Revenue - \$	Sales - kWh	Revenue - \$		
1	Residential								
2	Regular	336,199,804 \$	40,888,347	328,835,952 \$	35,492,218	(7,363,852) \$	(5,396,129)		
3	Total Electric	88,923,685 \$	, ,	88,923,685 \$	7,432,190	- \$			
4	Utility Controlled	131,002 \$		131,002 \$	5,761	- \$			
5	Demand	90,666,049 \$	,	90,666,049 \$	6,079,820	- \$			
6	Total Residential	515,920,540	57,079,989	508,556,688	49,009,989	(7,363,852)	(8,070,000)		
7	Total Residential	313,320,340	37,073,303	300,330,000	45,005,505	(7,303,032)	(0,070,000)		
8	General Service								
9	Regular	356,168,400 \$	42,460,856	356,168,400 \$	38,157,039	- \$	(4,303,817)		
10	Total Electric	38,153,493 \$	, ,	38,153,493 \$	3,448,305	- \$			
11	Other	7,387,614 \$		7,387,614 \$	392,040	- \$			
12	Water Pumping/Irrigation	24,260,481 \$		24,260,481 \$	1,630,870	- Ś			
13	Total Small General Service	425,969,988	48,850,921	425,969,988	43,628,253		(5,222,668)		
14	Total Small General Service	423,303,300	40,030,321	423,303,300	43,020,233		(3,222,000)		
15	General Service - Large								
16	Secondary	298,948,853 \$	25,095,926	298,948,853 \$	20,209,575	- \$	(4,886,351)		
17	Primary	27,602,042 \$		27,602,042 \$	1,545,607	- \$			
18	69 kV	20,550,893 \$		20,550,893 \$	1,013,376	- \$	, , ,		
19	Total General Service - Large Service	347,101,788	28,313,121	347,101,788	22,768,558		(5,544,563)		
20	Total General Service - Large Service	347,101,788	20,313,121	347,101,766	22,700,330		(3,344,303)		
21	Forest Products/Industrial								
22	Secondary	11,027,103 \$	853,220	11,054,048 \$	647,939	26,945 \$	(205,281)		
23	Forest Products - Primary	74,110,875 \$	4,700,905	74,131,937 \$	3,259,090	21,062 \$	(1,441,815)		
24	69 kV	95,458,904 \$	5,039,459	96,403,799 \$	3,147,800	944,895 \$	(1,891,659)		
25	Total Forest Products/Industrial	180,596,882	10,593,584	181,589,784	7,054,829	992,902	(3,538,755)		
26	•	• •		, ,	, ,	•	, , , ,		
27	Lighting Service								
28	Private Area Lighting	3,937,907 \$	568,738	3,937,907 \$	522,250	- \$	(46,488)		
29	Street Lighting - Leased	3,577,040 \$	754,539	3,577,040 \$	713,215	- \$			
30	Street Lighting - Customer Owned	5,987,037 \$	· ·	5,987,037 \$	346,208	- \$			
31	Traffic Signals	706,762 \$	74,146	706,762 \$	62,048	- Ś			
32	Total Lighting Service	14,208,746	1,827,572	14,208,746	1,643,721	-	(183,851)		
33	5	,, -	,- ,-	,, -	,,		(, ,		
34	Rentals/Other	- \$	58,943	- \$	58,943	- \$	_		
35	,	*	,5	*	,5	*			
36	Total South Dakota Retail	1,483,797,944 \$	146,724,130	1,477,426,994 \$	124,164,293	(6,370,950) \$	(22,559,837)		

### BLACK HILLS POWER, INC. SOUTH DAKOTA REVENUE BY CUSTOMER CLASSIFICATION For the Test Year Ended September 30, 2013

		REVENUE PER BOOKS BILL FREQUE				ICY REVENUE				
	_				Difference Between					
						and Bill		,		
Line	a	Energy	Billing	Energy	Billing	Energy		Billing		
No.	Customer Classification	Sales - kWh	Revenue - \$	Sales - kWh	Revenue - \$	Sales - kWh	Rev	/enue - \$		
1	Residential									
2	Regular	336,199,804	40,888,347	336,199,804	40,888,296	-	\$	(51)		
3	Total Electric	88,923,685	8,668,727	88,923,685	8,668,727	-	\$	-		
	Utility Controlled	131,002		131,002		-	\$	-		
4	Demand	90,666,049	7,515,049	90,666,049 \$	7,515,049	-	\$	-		
5	Total Residential	515,920,540	57,079,989	515,920,540	57,079,938			(51)		
6				, ,				` ,		
7	General Service									
8	Regular	356,168,400	42,460,856	356,168,400 \$	42,460,856	-	\$	-		
9	Total Electric	38,153,493	3,906,118	38,153,493	3,906,118	-	\$	-		
10	Other	7,387,614	491,568	7,387,614 \$	491,568	-	\$	-		
11	Water Pumping/Irrigation	24,260,481	1,992,379	24,260,481 \$	1,992,379	-	\$	-		
12	Total Small General Service	425,969,988	48,850,921	425,969,988	48,850,921	_		-		
13										
14	General Service - Large									
15	Secondary	298,948,853	25,095,926	298,948,853 \$	25,093,059	-	\$	(2,867)		
16	Primary	27,602,042	1,852,720	27,602,042 \$	1,852,720	-	\$	-		
17	69 kV	20,550,893	1,364,475	20,550,893 \$	1,364,475	-	\$	-		
18	Total General Service - Large Service	347,101,788	28,313,121	347,101,788	28,310,254	-		(2,867)		
19										
20	Forest Products/Industrial									
21	Secondary	11,027,103	853,220	11,027,103 \$	853,220	-	\$	-		
22	Forest Products - Primary	74,110,875	4,700,905	74,110,875 \$	4,700,905	-	\$	-		
23	69 kV	95,458,904	5,039,459	95,458,904 \$	5,039,459	-	\$	-		
24	Total Forest Products/Industrial	180,596,882	10,593,584	180,596,882	10,593,584	-		-		
25										
26	Lighting Service									
27	Private Area Lighting	3,937,907	568,738	3,937,907 \$	568,738	-	\$	-		
28	Street Lighting - Leased	3,577,040	754,539	3,577,040 \$	754,539	-	\$	-		
29	Street Lighting - Customer Owned	5,987,037	430,149	5,987,037 \$	430,149	-	\$	-		
30	Traffic Signals	706,762	74,146	706,762 \$	74,146	-	\$	-		
31	Total Lighting Service	14,208,746	1,827,572	14,208,746	1,827,572	-		-		
32										
33	Rentals/Other	- 5	58,943	- \$	58,943	-	\$	-		
34										
35	Total South Dakota Retail	1,483,797,944	146,724,130	1,483,797,944 \$	146,721,212		\$	(2,918)		

## BLACK HILLS POWER, INC. REMOVAL OF ENERGY COST REVENUE For the Pro Forma Test Year Ended September 30, 2013

Statement I Page 4 of 4

			(a) (b)			(c)			
							(a) * (b)		
						<b>Energy Cost</b>			
Line							Revenue		
No.	Description	Reference		Rate kWh			Adjustment		
1	South Dakota Retail	Wkp. 1 Ln. 37(a) * 1000	(1)	0.02270	1,483,797,944	\$	33,682,213		
2									
3	Wyoming Retail	Wkp. 1 Ln. 42(a) * 1000		0.02990	166,415,003		4,975,809		
4									
5	Montana Retail	Wkp. 1 Ln. 46(a) * 1000		0.01240	46,277,189		573,837		
6									
7	Total Removal of Energy Cost Revenue				1,696,490,136	\$	39,231,859		
8				_					

<sup>9
10</sup> Note 1: The rate of \$0.0227 is the sum of the Fuel and Purchased Power Adjustment base rate of \$0.0146 and the Transmission Cost

<sup>10</sup> Note 1. The late of 30.0227 is the sum of the rule later virtuals at your Aujustinent base rate of 30.0140 and the

Adjustment base rate of \$0.0081 approved in South Dakota Docket EL09-018.