Section O

20:10:13:99. Schedule O-1 -- Derivation of Increased Rates. If, after the initial rate filing under this chapter the commission orders it to be provided, schedule O-1 shall show the derivation of each of the increased rates. If the increased rates are predicated on costs as classified and allocated, all calculations involved in derivation of the rates shall be shown. If in computing the increased rates weight is given in whole or in part to value of service, competition, historical revenue pattern, or the like, it shall be indicated.

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 49-34A-10, 49-34A-12, 49-34A-41.

BLACK HILLS POWER, INC.
PRO FORMA CLASS COST OF SERVICE STUDY
PRO FORMA TEST YEAR ENDED SEPTEMBER 30, 2013

SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	TOTAL SOUTH DAKOTA	RESIDENTIAL SERVICE	GENERAL SERVICE	GS LARGE/ INDUSTRIAL CONTRACT	LIGHTING SERVICE	WATER PUMP IRRIGATION
		(a)	(b)	(c)	(d)	(e)	(h)	(i)	(j)
M	1	**SUMMARY AT PRESENT RATES**							
M	2								
M	3	**DEVELOPMENT OF RETURN**							
M	4								
M	5	**OPERATING REVENUE**	**Sched O-1 Reference**						
M	6	Base Sales of Electricity	SCH I, LN 4	124,169,353	49,009,989	41,997,396	29,828,727	1,702,416	1,630,824
M	7	Contract Revenues	SCH I, LN 5	19,288,845	7,343,577	5,732,582	5,868,890	112,343	231,453
M	8	Other Operating Revenue	SCH I, LN 15	5,800,779	2,839,818	1,467,155	1,281,870	131,380	80,556
M	9	**TOTAL OPERATING REVENUE**		149,258,977	59,193,383	49,197,134	36,979,488	1,946,139	1,942,834
M	10								
M	11	**OPERATING EXPENSES**							
M	12	Operation and Maintenance Expense	SCH H, LN 178	67,628,526	30,766,867	18,527,806	16,961,745	596,297	775,810
M	13	Depreciation Expense	SCH J, LN 28	26,137,533	10,946,993	7,434,605	7,124,324	295,455	336,157
M	14	Amortization Expense	SCH J, LN 30	4,031,631	1,894,464	1,086,704	969,104	35,968	45,392
M	15	Taxes Other Than Income Taxes	SCH L, LN 20	4,199,038	1,750,136	1,196,233	1,149,700	48,399	54,570
M	16	State Income Tax	SCH K, LN 10	0	0	0	0	0	0
M	17	Federal Income Tax	SCH K, LN 32	10,753,377	2,320,402	5,717,079	2,249,778	281,785	184,334
M	18	**TOTAL OPERATING EXPENSES**		112,750,105	47,678,862	33,962,427	28,454,650	1,257,902	1,396,264
M	19								
M	20	**OPERATING INCOME (RETURN)**		36,508,872	11,514,521	15,234,707	8,524,838	688,237	546,570
M	21								
M	22								
M	23	**DEVELOPMENT OF RATE BASE**							
M	24	Electric Plant in Service	SCH D-2, LN 116	901,099,320	375,631,925	256,685,894	246,656,289	10,414,468	11,710,745
M	25	Less: Accumulated Depreciation	SCH E, LN 27	251,710,991	105,368,061	71,276,908	68,292,858	3,442,379	3,330,785
M	26	Less: Amortization	SCH E, LN 29	2,835,303	1,079,446	842,643	862,679	16,513	34,022
M	27	Plus: Working Capital	SCH F, LN 9	13,863,167	5,238,363	3,901,386	4,360,969	156,048	206,401
M	28	Less: Other Rate Base Deductions	SCH F, LN 26	117,714,228	49,171,526	33,801,071	31,771,928	1,440,829	1,528,874
M	29								
M	30	**TOTAL RATE BASE**	SCH F, LN 29	542,701,964	225,251,255	154,666,657	150,089,792	5,670,795	7,023,465
M	31								
M	32								
M	33	**RATE OF RETURN (PRESENT)**		6.73%	5.11%	9.85%	5.68%	12.14%	7.78%
M	34								
M	35	**INDEX RATE OF RETURN (PRESENT)**		1.00	0.76	1.46	0.84	1.80	1.16
M	36								
M	37								
M	38								
M	39								
M	40								
M	41								
M	42								
M	43								
M	44								
M	45								
M	46								

BLACK HILLS POWER, INC.
PRO FORMA CLASS COST OF SERVICE STUDY
PRO FORMA TEST YEAR ENDED SEPTEMBER 30, 2013

SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	TOTAL SOUTH DAKOTA	RESIDENTIAL SERVICE	GENERAL SERVICE	GS LARGE/ INDUSTRIAL CONTRACT	LIGHTING SERVICE	WATER PUMP IRRIGATION
		(a)	(b)	(c)	(d)	(e)	(h)	(i)	(j)
M	47	**EQUALIZED RETURN AT PROPOSED ROR**							
M	48								
M	49	**DEVELOPMENT OF RETURN (EQUALIZED RATE LEVELS)**							
M	50								
M	51	**RATE BASE**		542,701,964	225,251,255	154,666,657	150,089,792	5,670,795	7,023,465
M	52								
M	53	**RATE OF RETURN**		8.48%	8.48%	8.48%	8.48%	8.48%	8.48%
M	54								
M	55	**RETURN (RATE BASE * ROR)**		46,021,127	19,101,306	13,115,733	12,727,614	480,883	595,590
M	56								
M	57	**LESS:**							
M	58	**OPERATING EXPENSES**	**Sched O-1 Reference**						
M	59	Operation and Maintenance Expense	SCH M, LN 12	67,628,526	30,766,867	18,527,806	16,961,745	596,297	775,810
M	60	Depreciation Expense	SCH M, LN 13	26,137,533	10,946,993	7,434,605	7,124,324	295,455	336,157
M	61	Amortization Expense	SCH J, LN 30	4,031,631	1,894,464	1,086,704	969,104	35,968	45,392
M	62	Taxes Other Than Income Taxes	SCH M, LN 15	4,199,038	1,750,136	1,196,233	1,149,700	48,399	54,570
M	63	State Income Tax	CALCULATED	0	0	0	0	0	0
M	64	Federal Income Tax	CALCULATED	15,875,361	6,405,594	4,576,092	4,512,811	170,133	210,730
M	65	**TOTAL OPERATING EXPENSES**		117,872,089	51,764,054	32,821,441	30,717,684	1,146,251	1,422,659
M	66								
M	67	**EQUALS TOTAL COST OF SERVICE**		163,893,215	70,865,361	45,937,173	43,445,298	1,627,134	2,018,249
M	68								
M	69	**LESS:**							
M	70	**OTHER OPERATING REVENUES**		25,089,624	10,183,394	7,199,737	7,150,760	243,723	312,009
M	71								
M	72	**EQUALS:**							
M	73	**PROPOSED BASE RATE SALES @ EQUALIZED ROR**		138,803,591	60,681,967	38,737,436	36,294,538	1,383,411	1,706,240
M	74								
M	75								
M	76	**TOTAL COST OF SERVICE INCREASE/DECREASE**		14,634,238	11,671,978	(3,259,960)	6,465,811	(319,005)	75,415
M	77								
M	78	**BASE SALES OF ELECTRICITY**		124,169,353	49,009,989	41,997,396	29,828,727	1,702,416	1,630,824
M	79	**SALES OF ELECTRICITY FOR BASE ENERGY COST**	ENERGY2	33,682,213	11,594,018	9,158,128	12,053,051	323,929	553,088
M	80	**TOTAL CURRENT RETAIL REVENUES**		157,851,566	60,604,006	51,155,524	41,881,778	2,026,346	2,183,912
M	81								
M	82	**REVENUE INCREASE TO RETAIL REVENUES (%)**		9.27%	19.26%	-6.37%	15.44%	-15.74%	3.45%
M	83								
M	84								
M	85								
M	86								
M	87								
M	88								
M	89								
M	90								
M	91								
M	92								

BLACK HILLS POWER, INC.
PRO FORMA CLASS COST OF SERVICE STUDY
PRO FORMA TEST YEAR ENDED SEPTEMBER 30, 2013

SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	TOTAL SOUTH DAKOTA	RESIDENTIAL SERVICE	GENERAL SERVICE	GS LARGE/ INDUSTRIAL CONTRACT	LIGHTING SERVICE	WATER PUMP IRRIGATION
		(a)	(b)	(c)	(d)	(e)	(h)	(i)	(j)
M	93	**RETURN AT PROPOSED RATES**							
M	94								
M	95	**DEVELOPMENT OF RETURN AT PROPOSED RATE LEVELS**							
M	96								
M	97	**OPERATING REVENUE**							
M	98	Sales of Electricity	SCH AF, LN 273	138,803,636	55,546,653	45,733,753	33,896,966	1,851,073	1,775,191
M	99	Contract Revenues	SCH I, LN 5	19,288,845	7,343,577	5,732,582	5,868,890	112,343	231,453
M	100	Other Operating Revenue	SCH I, LN 15	5,800,779	2,839,818	1,467,155	1,281,870	131,380	80,556
M	101	**TOTAL OPERATING REVENUE**		163,893,260	65,730,047	52,933,490	41,047,726	2,094,796	2,087,200
M	102								
M	103	**OPERATING EXPENSES**							
M	104	Operation and Maintenance Expense	SCH H, LN 178	67,628,526	30,766,867	18,527,806	16,961,745	596,297	775,810
M	105	Depreciation Expense	SCH J, LN 28	26,137,533	10,946,993	7,434,605	7,124,324	295,455	336,157
M	106	Amortization Expense	SCH J, LN 30	4,031,631	1,894,464	1,086,704	969,104	35,968	45,392
M	107	Taxes Other Than Income Taxes	SCH L, LN 20	4,199,038	1,750,136	1,196,233	1,149,700	48,399	54,570
M	108	State Income Tax	CALCULATED	0	0	0	0	0	0
M	109	Federal Income Tax	CALCULATED	15,875,376	4,608,235	7,024,803	3,673,661	333,815	234,862
M	110	**TOTAL OPERATING EXPENSES**		117,872,104	49,966,695	35,270,152	29,878,534	1,309,932	1,446,792
M	111								
M	112	**OPERATING INCOME (RETURN) AT PROPOSED RATES**		46,021,156	15,763,353	17,663,339	11,169,193	784,864	640,408
M	113								
M	114								
M	115	**RATE BASE**	SCH M, LN 30	542,701,964	225,251,255	154,666,657	150,089,792	5,670,795	7,023,465
M	116								
M	117								
M	118	**RATE OF RETURN**		8.48%	7.00%	11.42%	7.44%	13.84%	9.12%
M	119								
M	120	**INDEX RATE OF RETURN**		1.00	0.83	1.35	0.88	1.63	1.08
M	121								
M	122								
M	123	**PROPOSED TOTAL REVENUE INCREASE ($)**		14,634,283	6,536,664	3,736,357	4,068,239	148,657	144,367
M	124								
M	125	**BASE SALES OF ELECTRICITY**		124,169,353	49,009,989	41,997,396	29,828,727	1,702,416	1,630,824
M	126	**SALES OF ELECTRICITY FOR BASE ENERGY COST**	ENERGY2	33,682,213	11,594,018	9,158,128	12,053,051	323,929	553,088
M	127	**TOTAL CURRENT RETAIL REVENUES**		157,851,566	60,604,006	51,155,524	41,881,778	2,026,346	2,183,912
M	128								
M	129	**PROPOSED TOTAL REVENUE INCREASE (%)**		9.27%	10.79%	7.30%	9.71%	7.34%	6.61%
M	130								
M	131								
M	132								
M	133								
M	134								
M	135								
M	136								
M	137								
M	138								

BLACK HILLS POWER, INC.
PRO FORMA CLASS COST OF SERVICE STUDY
PRO FORMA TEST YEAR ENDED SEPTEMBER 30, 2013

SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	TOTAL SOUTH DAKOTA	RESIDENTIAL SERVICE	GENERAL SERVICE	GS LARGE/ INDUSTRIAL CONTRACT	LIGHTING SERVICE	WATER PUMP IRRIGATION
		(a)	(b)	(c)	(d)	(e)	(h)	(i)	(j)
D-2	1	**DEVELOPMENT OF RATE BASE**							
D-2	2								
D-2	3	**ELECTRIC PLANT IN SERVICE**							
D-2	4								
D-2	5	PRODUCTION PLANT							
D-2	6	Steam Plant							
D-2	7	310-Land & Land Rights	DPROD	299,710	114,104	89,073	91,191	1,746	3,596
D-2	8	311-Structures & Improve	DPROD	36,369,764	13,846,560	10,808,976	11,065,989	211,826	436,413
D-2	9	312-Boiler Plant Equipment	DPROD	214,947,494	81,834,002	63,881,700	65,400,661	1,251,903	2,579,228
D-2	10	313-Engines and Engine Driver Generator	DPROD	307,111	116,922	91,272	93,443	1,789	3,685
D-2	11	314-Turbogenerator Units	DPROD	112,704,235	42,908,333	33,495,334	34,291,777	656,415	1,352,376
D-2	12	315-Accessory Electric Equipment	DPROD	21,971,066	8,364,742	6,529,730	6,684,992	127,964	263,638
D-2	13	316-Misc Power Plant Equipment	DPROD	3,464,042	1,318,817	1,029,502	1,053,981	20,175	41,566
D-2	14	106-Completed Not Classified Production Plant	DPROD	3,259,185	1,240,825	968,619	991,651	18,982	39,108
D-2	15	Steam Plant Additions/Annualization	DPROD	(34,518,292)	(13,141,674)	(10,258,725)	(10,502,654)	(201,042)	(414,197)
D-2	16	Total Steam Plant		358,804,315	136,602,631	106,635,482	109,171,030	2,089,758	4,305,414
D-2	17								
D-2	18								
D-2	19	Other Production Plant							
D-2	20	340-Land & Land Rights	DPROD	2,430	925	722	739	14	29
D-2	21	341-Structures and Improvements	DPROD	464,267	176,754	137,979	141,260	2,704	5,571
D-2	22	342-Fuel Holders, Producers, & Access	DPROD	4,786,936	1,822,464	1,422,662	1,456,489	27,880	57,440
D-2	23	344-Generators	DPROD	62,107,843	23,645,465	18,458,250	18,897,145	361,730	745,253
D-2	24	345-Accessory Electric Equipment	DPROD	4,372,284	1,664,600	1,299,429	1,330,326	25,465	52,465
D-2	25	346-Misc Power Plant Equipment	DPROD	74,441	28,341	22,124	22,650	434	893
D-2	26	106-Completed Not Classified Oth Prod Plt	DPROD	493,075	187,722	146,540	150,025	2,872	5,917
D-2	27	Other Prod Plant Additions/Annualization	DPROD	85,308,588	32,478,365	25,353,437	25,956,283	496,857	1,023,647
D-2	28	Total Other Production Plant		131,003,829	60,004,636	46,841,142	21,848,609	418,227	1,891,214
D-2	29								
D-2	30	TOTAL PRODUCTION PLANT		516,414,181	196,607,266	153,476,624	157,125,948	3,007,714	6,196,629
D-2	31								
D-2	32								
D-2	33	TRANSMISSION PLANT							
D-2	34	350-Land & Land Rights	DTRAN	189,539	81,728	50,367	52,702	1,776	2,965
D-2	35	352-Structures & Improvements	DTRAN	58,802	25,355	15,626	16,350	551	920
D-2	36	353-Station Equipment	DTRAN	1,613,949	695,923	428,884	448,765	15,126	25,251
D-2	37	354-Tower and Fixtures	DTRAN	28,528	12,301	7,581	7,932	267	446
D-2	38	355-Poles & Fixtures	DTRAN	924,322	398,561	245,625	257,011	8,663	14,462
D-2	39	356-Overhead Conductors & Devices	DTRAN	970,537	418,488	257,906	269,862	9,096	15,185
D-2	40	359-Roads and Trails	DTRAN	6,295	2,714	1,673	1,750	59	98
D-2	41	106-Completed Not Classified Transmission Plt	DTRAN	0	0	0	0	0	0
D-2	42	Transmission Plant Additions/Annualization	DTRAN	0	0	0	0	0	0
D-2	43	TOTAL TRANSMISSION PLANT		3,791,973	1,635,070	1,007,663	1,054,373	35,539	59,328
D-2	44								
D-2	45								
D-2	46								

BLACK HILLS POWER, INC.
PRO FORMA CLASS COST OF SERVICE STUDY
PRO FORMA TEST YEAR ENDED SEPTEMBER 30, 2013

SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	TOTAL SOUTH DAKOTA	RESIDENTIAL SERVICE	GENERAL SERVICE	GS LARGE/ INDUSTRIAL CONTRACT	LIGHTING SERVICE	WATER PUMP IRRIGATION
		(a)	(b)	(c)	(d)	(e)	(h)	(i)	(j)
D-2	47	**ELECTRIC PLANT IN SERVICE CONTINUED**							
D-2	48								
D-2	49	DISTRIBUTION PLANT							
D-2	50	360-Land & Land Rights	DDISPSUB	2,022,060	871,897	537,334	562,242	18,951	31,636
D-2	51	361-Structures & Improvements	DDISPSUB	700,802	302,180	186,228	194,861	6,568	10,964
D-2	52	362-Station Equipment	DDISPSUB	58,163,248	25,079,554	15,456,058	16,172,518	545,118	910,001
D-2	53	364-Poles,Towers & Fixtures							
D-2	54	Primary - Demand	DDISTPOL	50,761,939	21,888,165	13,489,265	14,114,555	475,751	794,203
D-2	55	Secondary - Demand	DDISTSOL	13,420,561	6,460,375	3,981,408	2,603,947	140,420	234,412
D-2	56	Total Account 364		64,182,500	28,348,540	17,470,673	16,718,502	616,171	1,028,615
D-2	57	365-Overhead Conductors & Devices							
D-2	58	Primary - Demand	DDISTPOL	33,938,217	14,633,903	9,018,600	9,436,653	318,076	530,985
D-2	59	Secondary - Demand	DDISTSOL	5,825,365	2,804,208	1,728,181	1,130,276	60,951	101,749
D-2	60	Total Account 365		39,763,582	17,438,111	10,746,780	10,566,930	379,027	632,734
D-2	61	366-Underground Conduit							
D-2	62	Primary - Demand	DDISTPUL	2,378,767	1,025,706	632,124	661,425	22,294	37,217
D-2	63	Secondary - Demand	DDISTSUL	1,627,915	783,644	482,945	315,859	17,033	28,434
D-2	64	Total Account 366		4,006,682	1,809,350	1,115,069	977,284	39,327	65,652
D-2	65	367-Underground Conductors & Devices							
D-2	66	Primary - Demand	DDISTPUL	19,866,165	8,566,140	5,279,152	5,523,864	186,190	310,819
D-2	67	Secondary - Demand	DDISTSUL	18,934,938	9,114,879	5,617,329	3,673,883	198,117	330,729
D-2	68	Total Account 367		38,801,103	17,681,020	10,896,481	9,197,748	384,307	641,548
D-2	69	368-Line Transformers							
D-2	70	Demand	DDISTSUT	33,679,565	16,212,631	9,991,541	6,534,734	352,390	588,268
D-2	71	Total Account 368		33,679,565	16,212,631	9,991,541	6,534,734	352,390	588,268
D-2	72	369-Services	CSERVICE	28,556,304	18,147,676	7,100,262	3,035,138	0	273,228
D-2	73	370-Meters	CMETERS	6,690,268	4,763,002	1,518,748	370,165	15,412	22,939
D-2	74	371-Installation on Customer Premises	CUSTPREM	2,091,882	0	0	0	2,091,882	0
D-2	75	373-Street Lighting & Signal Systems	CLIGHT	1,650,961	0	0	0	1,650,961	0
D-2	76	106 - Completed Not Classified Distribution Plant	DISTPLTXNC	13,723,662	6,396,695	3,672,868	3,149,542	298,656	205,902
D-2	77	Distribution Plant Additions/Annualization	DISTPLTXNC	16,377,387	7,633,614	4,383,085	3,758,564	356,407	245,716
D-2	78	TOTAL DISTRIBUTION PLANT		310,410,006	144,684,270	83,075,127	71,238,227	6,755,177	4,657,205
D-2	79								
D-2	80								
D-2	81								
D-2	82	TOTAL PROD, TRANS, & DIST PLANT		830,616,159	342,926,606	237,559,414	229,418,547	9,798,430	10,913,161
D-2	83								
D-2	84								
D-2	85								
D-2	86								
D-2	87								
D-2	88								
D-2	89								
D-2	90								
D-2	91								
D-2	92								

BLACK HILLS POWER, INC.
PRO FORMA CLASS COST OF SERVICE STUDY
PRO FORMA TEST YEAR ENDED SEPTEMBER 30, 2013

SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	TOTAL SOUTH DAKOTA	RESIDENTIAL SERVICE	GENERAL SERVICE	GS LARGE/ INDUSTRIAL CONTRACT	LIGHTING SERVICE	WATER PUMP IRRIGATION
		(a)	(b)	(c)	(d)	(e)	(h)	(i)	(j)
D-2	93	**ELECTRIC PLANT IN SERVICE CONTINUED**							
D-2	94								
D-2	95	GENERAL PLANT							
D-2	96	389-Land and Land Rights	SALWAGES	682,899	320,894	184,072	164,152	6,092	7,689
D-2	97	390-Structures and Improvements	SALWAGES	9,427,643	4,430,050	2,541,169	2,266,171	84,107	106,146
D-2	98	391-Office Furniture & Equipment	SALWAGES	6,543,927	3,074,992	1,763,879	1,572,997	58,381	73,678
D-2	99	392-Transportation Equipment	SALWAGES	6,152,473	2,891,047	1,658,365	1,478,901	54,888	69,271
D-2	100	393-Store Equipment	SALWAGES	265,641	124,825	71,602	63,853	2,370	2,991
D-2	101	394-Tools, Shop & Garage Equip.	SALWAGES	3,393,950	1,594,817	914,821	815,821	30,279	38,212
D-2	102	395-Laboratory Equipment	SALWAGES	293,046	137,702	78,989	70,441	2,614	3,299
D-2	103	396-Power Operated Equipment	SALWAGES	667,603	313,707	179,949	160,475	5,956	7,517
D-2	104	397-Communication Equipment	SALWAGES	6,542,000	3,074,086	1,763,360	1,572,534	58,363	73,656
D-2	105	398-Miscellaneous Equipment	SALWAGES	157,716	74,111	42,511	37,911	1,407	1,776
D-2	106	Rate Case Expenses	CLAIMREV	750,046	327,904	209,324	196,123	7,475	9,220
D-2	107	106-Completed Not Classified General Plant	SALWAGES	1,698,603	798,174	457,849	408,302	15,154	19,125
D-2	108	General Plant Additions/Annualization	SALWAGES	6,237,040	2,930,785	1,681,160	1,499,229	55,643	70,223
D-2	109	TOTAL GENERAL PLANT		42,812,585	20,093,095	11,547,049	10,306,911	382,729	482,802
D-2	110								
D-2	111	TOTAL OTHER UTILITY PLANT IN SERVICE	SALWAGES	23,295,553	10,946,582	6,279,188	5,599,671	207,827	262,284
D-2	112								
D-2	113	TOTAL PLANT ACQUISITION ADJUSTMENT	DPROD	4,375,022	1,665,642	1,300,243	1,331,159	25,481	52,497
D-2	114								
D-2	115								
D-2	116	**TOTAL ELECTRIC PLANT IN SERVICE**		901,099,320	375,631,925	256,685,894	246,656,289	10,414,468	11,710,745
D-2	117								
D-2	118								
D-2	119								
D-2	120								
D-2	121								
D-2	122								
D-2	123								
D-2	124								
D-2	125								
D-2	126								
D-2	127								
D-2	128								
D-2	129								
D-2	130								
D-2	131								
D-2	132								
D-2	133								
D-2	134								
D-2	135								
D-2	136								
D-2	138								
D-2	139								

BLACK HILLS POWER, INC.
PRO FORMA CLASS COST OF SERVICE STUDY
PRO FORMA TEST YEAR ENDED SEPTEMBER 30, 2013

SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	TOTAL SOUTH DAKOTA	RESIDENTIAL SERVICE	GENERAL SERVICE	GS LARGE/ INDUSTRIAL CONTRACT	LIGHTING SERVICE	WATER PUMP IRRIGATION
		(a)	(b)	(c)	(d)	(e)	(h)	(i)	(j)
E	1	**LESS: ACCUMULATED DEPRECIATION**							
E	2								
E	3	PRODUCTION PLANT ACCUMULATED DEPRECIATION	PRODPLT	126,456,703	48,144,121	37,582,523	38,476,149	736,513	1,517,397
E	4								
E	5	TRANSMISSION PLANT ACCUMULATED DEPRECIATIC	TRANPLT	748,960	322,946	199,025	208,251	7,019	11,718
E	6								
E	7	DISTRIBUTION PLANT ACCUMULATED DEPRECIATION							
E	8	360-Land & Land Rights	PLT_360	(41,188)	(17,760)	(10,945)	(11,453)	(386)	(644)
E	9	361-Structures & Improvements	PLT_361	157,880	68,077	41,954	43,899	1,480	2,470
E	10	362-Station Equipment	PLT_362	20,603,201	8,883,945	5,475,008	5,728,800	193,097	322,350
E	11	364-Poles,Towers & Fixtures	PLT_364	23,220,868	10,256,342	6,320,791	6,048,660	222,927	372,147
E	12	365-Overhead Conductors & Devices	PLT_365	13,358,550	5,858,322	3,610,374	3,549,953	127,334	212,567
E	13	366-Underground Conduit	PLT_366	491,301	221,863	136,730	119,835	4,822	8,050
E	14	367-Underground Conductors & Devices	PLT_367	14,751,188	6,721,872	4,142,564	3,496,749	146,104	243,900
E	15	368-Line Transformers	PLT_368	11,816,627	5,688,275	3,505,577	2,292,741	123,638	206,397
E	16	369-Services	PLT_369	9,662,701	6,140,696	2,402,542	1,027,011	0	92,453
E	17	370-Meters	PLT_370	(1,986,010)	(1,413,900)	(450,841)	(109,884)	(4,575)	(6,810)
E	18	371-Installation on Customer Premises	PLT_371	817,575	0	0	0	817,575	0
E	19	373-Street Lighting & Signal Systems	PLT_373	787,775	0	0	0	787,775	0
E	20	Accum Dep Adjustment	DISTPLT	265,485	123,745	71,052	60,928	5,778	3,983
E	21	TOTAL DISTRIBUTION PLANT ACCUMULATED DEPRECIATION		93,905,953	42,531,476	25,244,806	22,247,240	2,425,568	1,456,864
E	22								
E	23	GENERAL PLANT ACCUMULATED DEPRECIATION	GENLPLT	15,927,678	7,475,286	4,295,879	3,834,507	142,388	179,618
E	24								
E	25	OTHER UTILITY ACCUMULATED DEPRECIATION	SALWAGES	14,671,698	6,894,232	3,954,675	3,526,711	130,891	165,189
E	26								
E	27	**TOTAL ACCUMULATED DEPRECIATION**		251,710,991	105,368,061	71,276,908	68,292,858	3,442,379	3,330,785
E	28								
E	29	AMORTIZATION OF PLANT ACQUISITION	PRODPLT	2,835,303	1,079,446	842,643	862,679	16,513	34,022
E	30								
E	31	**NET ELECTRIC PLANT IN SERVICE**		646,553,026	269,184,418	184,566,342	177,500,752	6,955,576	8,345,938
E	32								
E	33								
E	34								
E	35								
E	36								
E	37								
E	38								
E	39								
E	40								
E	41								
E	42								
E	43								
E	44								
E	45								
E	46								

BLACK HILLS POWER, INC.
PRO FORMA CLASS COST OF SERVICE STUDY
PRO FORMA TEST YEAR ENDED SEPTEMBER 30, 2013

SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	TOTAL SOUTH DAKOTA	RESIDENTIAL SERVICE	GENERAL SERVICE	GS LARGE/ INDUSTRIAL CONTRACT	LIGHTING SERVICE	WATER PUMP IRRIGATION
		(a)	(b)	(c)	(d)	(e)	(h)	(i)	(j)
F	1	**ADDITIONS AND DEDUCTIONS TO RATE BASE**							
F	2								
F	3	**PLUS: ADDITIONS TO RATE BASE**							
F	4	**WORKING CAPITAL**							
F	5	Cash Working Capital (Lead Lag)	SCH F-3, LN 40	(5,360,457)	(2,342,155)	(1,496,755)	(1,403,694)	(52,683)	(65,169)
F	6	Fuel Inventory	ENEFUEL	6,389,875	2,212,370	1,747,553	2,262,600	61,812	105,540
F	7	Materials and Supplies	TOTPLT	12,332,720	5,141,013	3,513,081	3,375,813	142,536	160,277
F	8	Prepayments	OMXFPP	501,028	227,135	137,506	126,250	4,384	5,753
F	9	TOTAL WORKING CAPITAL		13,863,167	5,238,363	3,901,386	4,360,969	156,048	206,401
F	10								
F	11	**LESS: DEDUCTIONS TO RATE BASE**							
F	12	Customer Advances for Construction	CUSTADV	1,339,142	327,436	746,692	243,646	9,747	11,621
F	13	Regulatory Assets - S&W Related	SALWAGES	(25,300,778)	(11,888,838)	(6,819,685)	(6,081,678)	(225,717)	(284,861)
F	14	Regulatory Assets - Plant Related	TOTPLT	(3,306,466)	(1,378,332)	(941,875)	(905,073)	(38,215)	(42,971)
F	15	Regulatory Assets - Decommissioning	PRODPLT	(12,478,227)	(4,750,664)	(3,708,489)	(3,796,668)	(72,676)	(149,730)
F	16	Regulatory Assets - Storm Atlas	OHDIST	(3,310,806)	(1,458,359)	(898,759)	(869,073)	(31,698)	(52,916)
F	17	Regulatory Liabilities - S&W Related	SALWAGES	39,243,073	18,440,323	10,577,754	9,433,058	350,100	441,838
F	18	Regulatory Liabilities - Plant Related	TOTPLT	671,583	279,956	191,306	183,831	7,762	8,728
F	19	Deferred Income Taxes and Credits							
F	20	Deferred Income Tax - Property (Debit)	TOTPLT	(9,494,797)	(3,957,998)	(2,704,675)	(2,598,994)	(109,736)	(123,395)
F	21	Deferred Income Tax - S&W (Debit)	SALWAGES	(21,205,189)	(9,964,320)	(5,715,742)	(5,097,200)	(189,178)	(238,749)
F	22	Deferred Income Tax - Customer (Debit)	CUST	342,714	274,082	61,507	2,637	3,381	1,107
F	23	Deferred Income Tax - Property (Credit)	TOTPLT	147,193,716	61,359,117	41,929,396	40,291,070	1,701,193	1,912,939
F	24	Deferred Income Tax - Other (Credit)	SALWAGES	4,020,264	1,889,122	1,083,640	966,372	35,866	45,264
F	25	Total Deferred Income Taxes and Credits		120,856,708	49,600,004	34,654,127	33,563,885	1,441,526	1,597,166
F	26	TOTAL DEDUCTIONS TO RATE BASE		117,714,228	49,171,526	33,801,071	31,771,928	1,440,829	1,528,874
F	27								
F	28								
F	29	**TOTAL RATE BASE**		542,701,964	225,251,255	154,666,657	150,089,792	5,670,795	7,023,465
F	30								
F	31								
F	32								
F	33								
F	34								
F	35								
F	36								
F	37								
F	38								
F	39								
F	40								
F	41								
F	42								
F	43								
F	44								
F	45								
F	46								

BLACK HILLS POWER, INC.
PRO FORMA CLASS COST OF SERVICE STUDY
PRO FORMA TEST YEAR ENDED SEPTEMBER 30, 2013

SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	TOTAL SOUTH DAKOTA	RESIDENTIAL SERVICE	GENERAL SERVICE	GS LARGE/ INDUSTRIAL CONTRACT	LIGHTING SERVICE	WATER PUMP IRRIGATION
		(a)	(b)	(c)	(d)	(e)	(h)	(i)	(j)
F-3	1	**CASH WORKING CAPITAL (LEAD LAG)**							
F-3	2								
F-3	3	O&M EXPENSE PER DAY RELATED CASH WORKING CAPITAL							
F-3	4	Purchased Fuel (Coal, Gas, & Oil)	ENEFUEL	0	0	0	0	0	0
F-3	5	Coal Transportation	ENEFUEL	0	0	0	0	0	0
F-3	6	Natural Gas - Other Production	ENEFUEL	0	0	0	0	0	0
F-3	7	Purchased Power	OX_555	17,703	6,740	5,261	5,386	103	212
F-3	8	Transmission	TRANPLT	0	0	0	0	0	0
F-3	9	Labor	SALWAGES	34,511	16,217	9,302	8,296	308	389
F-3	10	Employee Benefits	SALWAGES	45	21	12	11	0	1
F-3	11	Service Company Charges	SALWAGES	87,596	41,161	23,611	21,056	781	986
F-3	12	Other O&M	OMXFPP	51,471	23,334	14,126	12,970	450	591
F-3	13	Wyodak Power Plant O&M	PRODPLT	9,006	3,429	2,676	2,740	52	108
F-3	14	TOTAL O&M		200,331	90,901	54,989	50,458	1,696	2,287
F-3	15								
F-3	16	TAXES OTHER THAN INCOME TAXES							
F-3	17	Property Taxes	TOTPLT	12,599	5,252	3,589	3,449	146	164
F-3	18	Unemployment Taxes (FUTA & SUTA)	SALWAGES	257	121	69	62	2	3
F-3	19	Montana Electric Energy	CLAIMREV	0	0	0	0	0	0
F-3	20	Wyoming Franchise Tax	CLAIMREV	0	0	0	0	0	0
F-3	21	South Dakota PUC	CLAIMREV	686	300	191	179	7	8
F-3	22	Wyoming PSC	CLAIMREV	0	0	0	0	0	0
F-3	23	FICA Taxes - Employer's	SALWAGES	7,606	3,574	2,050	1,828	68	86
F-3	24	TOTAL TAXES OTHER THAN INCOME TAXES		21,148	9,247	5,900	5,518	223	261
F-3	25								
F-3	26	Depreciation Expense	TOTPLT	122,093	50,896	34,779	33,420	1,411	1,587
F-3	27	Amortization Expense	PRODPLT	10,824	4,121	3,217	3,293	63	130
F-3	28	TOTAL DEPRECIATION/AMORTIZATION		132,917	55,016	37,996	36,714	1,474	1,717
F-3	29								
F-3	30	FEDERAL INCOME TAXES	CLAIMREV	48,652	21,270	13,578	12,722	485	598
F-3	31								
F-3	32	INTEREST EXPENSE	TOTPLT	51,549	21,489	14,684	14,111	596	670
F-3	33								
F-3	34	GRAND TOTAL		454,598	197,923	127,147	119,522	4,473	5,532
F-3	35								
F-3	36	CWC REQUIREMENT (GRAND TOTAL x EXPENSE LAG)		(4,255,037)	(1,852,560)	(1,190,098)	(1,118,730)	(41,868)	(51,781)
F-3	37								
F-3	38	LESS: TAX COLLECTIONS AVAILABLE		(1,105,420)	(489,595)	(306,657)	(284,964)	(10,815)	(13,388)
F-3	39								
F-3	40	NET CASH WORKING CAPITAL REQUIREMENT		(5,360,457)	(2,342,155)	(1,496,755)	(1,403,694)	(52,683)	(65,169)
F-3	41								
F-3	42								
F-3	43								
F-3	44								
F-3	45								
F-3	46								

BLACK HILLS POWER, INC.
PRO FORMA CLASS COST OF SERVICE STUDY
PRO FORMA TEST YEAR ENDED SEPTEMBER 30, 2013

SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	TOTAL SOUTH DAKOTA	RESIDENTIAL SERVICE	GENERAL SERVICE	GS LARGE/ INDUSTRIAL CONTRACT	LIGHTING SERVICE	WATER PUMP IRRIGATION
		(a)	(b)	(c)	(d)	(e)	(h)	(i)	(j)
F-3	1								
F-3	2	**CASH WORKING CAPITAL (LEAD LAG) CONTINUED**							
F-3	3								
F-3	4	**LAG/LEAD DAYS**							
F-3	5	REVENUE LAG DAYS		33.98					
F-3	6	EXPENSE LEAD DAYS		43.34					
F-3	7	NET DAYS		(9.36)					
F-3	8								
F-3	9	TAX COLLECTIONS AVAILABLE							
F-3	10	FICA Taxes (Employee Contribution)	SALWAGES	(65,496)	(30,777)	(17,654)	(15,744)	(584)	(737)
F-3	11	Federal Withholding Tax	SALWAGES	(127,912)	(60,106)	(34,478)	(30,747)	(1,141)	(1,440)
F-3	12	South Dakota Sales and Use Tax	CLAIMREV	(912,012)	(398,712)	(254,525)	(238,474)	(9,090)	(11,211)
F-3	13	Wyoming Sales and Use Tax	CLAIMREV	0	0	0	0	0	0
F-3	14	TOTAL TAX COLLECTIONS AVAILABLE		(1,105,420)	(489,595)	(306,657)	(284,964)	(10,815)	(13,388)
F-3	15								
F-3	16								
F-3	17								
F-3	18								
F-3	19								
F-3	20								
F-3	21								
F-3	22								
F-3	23								
F-3	24								
F-3	25								
F-3	26								
F-3	27								
F-3	28								
F-3	29								
F-3	30								
F-3	31								
F-3	32								
F-3	33								
F-3	34								
F-3	35								
F-3	36								
F-3	37								
F-3	38								
F-3	39								
F-3	40								
F-3	41								
F-3	42								
F-3	43								
F-3	44								
F-3	45								
F-3	46								

BLACK HILLS POWER, INC.
PRO FORMA CLASS COST OF SERVICE STUDY
PRO FORMA TEST YEAR ENDED SEPTEMBER 30, 2013

SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	TOTAL SOUTH DAKOTA	RESIDENTIAL SERVICE	GENERAL SERVICE	GS LARGE/ INDUSTRIAL CONTRACT	LIGHTING SERVICE	WATER PUMP IRRIGATION
		(a)	(b)	(c)	(d)	(e)	(h)	(i)	(j)
I	1	**OPERATING REVENUES**							
I	2								
I	3	**SALES REVENUES**							
I	4	Sales of Electricity Revenues		124,169,353	49,009,989	41,997,396	29,828,727	1,702,416	1,630,824
I	5	Contract Revenues	DPROD	19,288,845	7,343,577	5,732,582	5,868,890	112,343	231,453
I	6	TOTAL SALES OF ELECTRICITY		143,458,198	56,353,565	47,729,979	35,697,617	1,814,759	1,862,278
I	7								
I	8	**OTHER OPERATING REVENUES**							
I	9	Unbilled and Cost Adjustment Revenue	Direct Assignment	0	0	0	0	0	0
I	10	Demand Side Management Revenue	SREVDSM	(968,002)	(434,202)	(290,340)	(215,821)	(10,468)	(17,171)
I	11	450-Forfeited Discounts	OX_904	258,273	241,978	15,224	0	1,071	0
I	12	451-Miscellaneous Service Revenues	DISTPLT	455,894	212,495	122,011	104,626	9,921	6,840
I	13	454-Rent from Electric Property	TDPLT	6,054,614	2,819,547	1,620,260	1,393,065	130,856	90,887
I	14	456-Other Electric Revenues - Transmission	TRANPLT	0	0	0	0	0	0
I	15	TOTAL OTHER OPERATING REV		5,800,779	2,839,818	1,467,155	1,281,870	131,380	80,556
I	16								
I	17	**TOTAL OPERATING REVENUES**		149,258,977	59,193,383	49,197,134	36,979,488	1,946,139	1,942,834
I	18								
I	19								
I	20								
I	21								
I	22								
I	23								
I	24								
I	25								
I	26								
I	27								
I	28								
I	29								
I	30								
I	31								
I	32								
I	33								
I	34								
I	35								
I	36								
I	37								
I	38								
I	39								
I	40								
I	41								
I	42								
I	43								
I	44								
I	45								
I	46								

BLACK HILLS POWER, INC.
PRO FORMA CLASS COST OF SERVICE STUDY
PRO FORMA TEST YEAR ENDED SEPTEMBER 30, 2013

SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	TOTAL SOUTH DAKOTA	RESIDENTIAL SERVICE	GENERAL SERVICE	GS LARGE/ INDUSTRIAL CONTRACT	LIGHTING SERVICE	WATER PUMP IRRIGATION
		(a)	(b)	(c)	(d)	(e)	(h)	(i)	(j)
H	1								
H	2	**OPERATION & MAINTENANCE EXPENSE**							
H	3								
H	4								
H	5	PRODUCTION EXPENSE							
H	6								
H	7	Steam Production Operation							
H	8	500-Supervision & Engineering	SALWAGPO	1,575,786	599,927	468,319	479,454	9,178	18,908
H	9	501-Fuel	ENEFUEL	0	0	0	0	0	0
H	10	502-Steam Expense	DPROD	1,898,285	722,708	564,164	577,579	11,056	22,778
H	11	505-Electric Expense	DPROD	1,047,976	398,982	311,455	318,861	6,104	12,575
H	12	506-Miscellaneous Steam Power Expense	DPROD	704,792	268,326	209,462	214,442	4,105	8,457
H	13	507-Rent	DPROD	2,747,830	1,046,144	816,646	836,064	16,004	32,972
H	14	509-Allowances	DPROD	0	0	0	0	0	0
H	15	Total Steam Production Operation		7,974,670	3,036,086	2,370,046	2,426,400	46,446	95,691
H	16								
H	17	Steam Production Maintenance							
H	18	510-Supervision & Engineering	SALWAGPM	1,335,855	508,582	397,012	406,452	7,780	16,029
H	19	511-Maintenance of Structures	DPROD	681,505	259,460	202,541	207,357	3,969	8,178
H	20	512-Maintenance of Boilers	DPROD	3,081,595	1,173,213	915,840	937,617	17,948	36,977
H	21	513-Maintenance of Electric Plant	DPROD	544,270	207,212	161,755	165,601	3,170	6,531
H	22	514-Maintanance of Miscellaneous Steam Plant	DPROD	118,124	44,972	35,106	35,941	688	1,417
H	23	Total Steam Production Maintenance		5,761,349	2,193,439	1,712,254	1,752,968	33,555	69,132
H	24								
H	25	Total Steam Production Expense		13,736,019	5,229,526	4,082,301	4,179,368	80,002	164,823
H	26								
H	27	Other Production Operation							
H	28	546-Operation Supervision and Engineering	SALWAGPO	310,307	118,139	92,222	94,415	1,807	3,723
H	29	547-Fuel	ENEFUEL	0	0	0	0	0	0
H	30	548-Generation Expense	DPROD	609,718	232,130	181,206	185,515	3,551	7,316
H	31	549-Miscellaneous Other Power Generation	DPROD	1,032,324	393,023	306,803	314,098	6,012	12,387
H	32	550-Rents	DPROD	204,285	77,775	60,713	62,156	1,190	2,451
H	33	Total Other Production Operation		2,156,634	821,066	640,945	656,185	12,561	25,878
H	34								
H	35	Other Production Maintenance							
H	36	551-Supervision & Engineering	SALWAGPM	184,556	70,263	54,849	56,154	1,075	2,215
H	37	552-Structures	DPROD	86,885	33,078	25,822	26,436	506	1,043
H	38	553-Maintenance of Generating and Electric Plant	DPROD	1,904,803	725,189	566,101	579,562	11,094	22,856
H	39	554-Maintenance of Miscellaneous Other Power	DPROD	516,089	196,484	153,380	157,027	3,006	6,193
H	40	556-System Control and Load Dispatching	DPROD	1,132,707	431,240	336,637	344,641	6,597	13,592
H	41	557-Other Expenses	DPROD	1,797	684	534	547	10	22
H	42	Total Other Production Maintenance		3,826,836	1,456,939	1,137,323	1,164,366	22,288	45,920
H	43								
H	44	Total Other Production Expense		5,983,470	2,278,004	1,778,268	1,820,551	34,849	71,798
H	45								
H	46								

BLACK HILLS POWER, INC.
PRO FORMA CLASS COST OF SERVICE STUDY
PRO FORMA TEST YEAR ENDED SEPTEMBER 30, 2013

SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	TOTAL SOUTH DAKOTA	RESIDENTIAL SERVICE	GENERAL SERVICE	GS LARGE/ INDUSTRIAL CONTRACT	LIGHTING SERVICE	WATER PUMP IRRIGATION
		(a)	(b)	(c)	(d)	(e)	(h)	(i)	(j)
H	47	**OPERATION & MAINTENANCE EXPENSE CONTINUED**							
H	48								
H	49								
H	50	PRODUCTION EXPENSE (CONT.)							
H	51								
H	52	Other Power Supply							
H	53	555 - Purchased Power - Energy	ENERGY1	0	0	0	0	0	0
H	54	555 - Purchased Power - Capacity	DPROD	6,461,473	2,459,988	1,920,329	1,965,990	37,633	77,533
H	55	Total Other Power Supply		6,461,473	2,459,988	1,920,329	1,965,990	37,633	77,533
H	56								
H	57	TOTAL PRODUCTION EXPENSE		26,180,962	9,967,518	7,780,897	7,965,909	152,484	314,154
H	58								
H	59								
H	60	TRANSMISSION EXPENSES							
H	61								
H	62	Operation							
H	63	560-Supervision & Engineering	SALWAGTO	187,969	81,051	49,950	52,266	1,762	2,941
H	64	561-Load Dispatch	TRANPLT	0	0	0	0	0	0
H	65	562-Station Equipment	TRANPLT	0	0	0	0	0	0
H	66	563-Overhead Lines	TRANPLT	17,212	7,422	4,574	4,786	161	269
H	67	565-Transmission of Electricity by Others	TRANPLT	0	0	0	0	0	0
H	68	566-Miscellaneous	TRANPLT	28,154	12,140	7,482	7,828	264	440
H	69	567-Rents	TRANPLT	0	0	0	0	0	0
H	70	Total Transmission Operation		233,336	100,613	62,006	64,880	2,187	3,651
H	71								
H	72	Maintenance							
H	73	568-Maintenance Supervision & Engineering	SALWAGTM	50	22	13	14	0	1
H	74	569-Maintenance of Structures	TRANPLT	0	0	0	0	0	0
H	75	570-Maintenance of Station Equipment	TRANPLT	32,453	13,994	8,624	9,024	304	508
H	76	571-Maintenance of Overhead Lines	TRANPLT	16,488	7,110	4,381	4,585	155	258
H	77	572-Maintenance of Underground Lines	TRANPLT	0	0	0	0	0	0
H	78	573-Maint. of Miscellaneous Transmission Plant	TRANPLT	1,008	435	268	280	9	16
H	79	Total Transmission Maintenance		49,999	21,559	13,287	13,902	469	782
H	80								
H	81	TOTAL TRANSMISSION EXPENSE		283,335	122,172	75,292	78,782	2,655	4,433
H	82								
H	83								
H	84								
H	85								
H	86								
H	87								
H	88								
H	89								
H	90								
H	91								
H	92								

BLACK HILLS POWER, INC.
PRO FORMA CLASS COST OF SERVICE STUDY
PRO FORMA TEST YEAR ENDED SEPTEMBER 30, 2013

SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	TOTAL SOUTH DAKOTA	RESIDENTIAL SERVICE	GENERAL SERVICE	GS LARGE/ INDUSTRIAL CONTRACT	LIGHTING SERVICE	WATER PUMP IRRIGATION
		(a)	(b)	(c)	(d)	(e)	(h)	(i)	(j)
H	93	**OPERATION & MAINTENANCE EXPENSE CONTINUED**							
H	94								
H	95								
H	96	DISTRIBUTION EXPENSES							
H	97	Operation							
H	98	580-Supervision	SALWAGDO	1,620,799	847,607	418,705	315,678	18,932	19,878
H	99	581-Load Dispatch	DISTPLT	599,687	279,518	160,494	137,626	13,050	8,997
H	100	582-Station Equipment	PLT_362	375,020	161,706	99,656	104,276	3,515	5,867
H	101	583-Overhead Lines	OHDIST	461,010	203,068	125,147	121,013	4,414	7,368
H	102	584-Underground Lines	UGDIST	298,571	135,939	83,777	70,968	2,955	4,932
H	103	585-Street Lighting	PLT_3713	1	0	0	0	1	0
H	104	586-Metering	CMETERS	756,867	538,836	171,815	41,877	1,744	2,595
H	105	587-Customer Installations	CMETERS	21,902	15,593	4,972	1,212	50	75
H	106	588-Miscellaneous	DISTPLT	343,006	159,877	91,799	78,719	7,465	5,146
H	107	589-Rents	DISTPLT	16,570	7,723	4,435	3,803	361	249
H	108	Total Distribution Operation		4,493,432	2,349,867	1,160,800	875,171	52,486	55,108
H	109								
H	110	Maintenance							
H	111	590-Supervision	SALWAGDM	1,179	519	316	299	26	18
H	112	591-Structures	DISTPLT	0	0	0	0	0	0
H	113	592-Station Equipment	PLT_362	240,304	103,617	63,857	66,817	2,252	3,760
H	114	593-Overhead Lines	OHDIST	3,517,711	1,549,498	954,926	923,385	33,679	56,223
H	115	594-Underground Lines	UGDIST	229,373	104,433	64,360	54,520	2,270	3,789
H	116	595-Transformers	PLT_368	45,831	22,062	13,596	8,892	480	801
H	117	596-Street Lighting	PLT_3713	54,502	0	0	0	54,502	0
H	118	597-Metering	CMETERS	66,547	47,377	15,107	3,682	153	228
H	119	598-Miscellaneous	DISTPLT	88,738	41,361	23,749	20,365	1,931	1,331
H	120	Total Distribution Maintenance		4,244,184	1,868,867	1,135,912	1,077,961	95,294	66,150
H	121								
H	122	TOTAL DISTRIBUTION EXPENSES		8,737,617	4,218,735	2,296,712	1,953,132	147,780	121,259
H	123								
H	124	TOTAL OPER & MAINT EXP (PROD,TRAN,& DIST)		35,201,914	14,308,424	10,152,901	9,997,823	302,919	439,846
H	125								
H	126								
H	127								
H	128								
H	129								
H	130								
H	131								
H	132								
H	133								
H	134								
H	135								
H	136								
H	137								
H	138								

BLACK HILLS POWER, INC.
PRO FORMA CLASS COST OF SERVICE STUDY
PRO FORMA TEST YEAR ENDED SEPTEMBER 30, 2013

SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	TOTAL SOUTH DAKOTA	RESIDENTIAL SERVICE	GENERAL SERVICE	GS LARGE/ INDUSTRIAL CONTRACT	LIGHTING SERVICE	WATER PUMP IRRIGATION
		(a)	(b)	(c)	(d)	(e)	(h)	(i)	(j)
H	139	**OPERATION & MAINTENANCE EXPENSE CONTINUED**							
H	140								
H	141								
H	142	CUSTOMER ACCOUNTS EXPENSES							
H	143	901-Supervision	SALWAGCA	51,163	42,237	8,026	320	446	134
H	144	902-Meter Reading	CMETRDG	19,153	15,436	3,464	148	43	62
H	145	903-Customer Records and Collection Expense	CUSTREC	1,161,267	928,711	208,413	8,936	11,456	3,751
H	146	904-Uncollectible Accounts	EXP_904	406,612	380,958	23,967	0	1,687	0
H	147	905-Miscellaneous CA	CUSTCAM	580,318	464,103	104,150	4,465	5,725	1,874
H	148	TOTAL CUSTOMER ACCTS EXPENSE		2,218,513	1,831,445	348,020	13,869	19,357	5,821
H	149								
H	150								
H	151	CUSTOMER SERVICE EXPENSES							
H	152	907-Supervision	SALWAGCS	196,095	156,825	35,193	1,509	1,935	633
H	153	908-Customer Assistance	CUSTASST	1,260,065	1,007,724	226,144	9,696	12,431	4,070
H	154	909-Advertisement	CUSTADVT	11,956	9,562	2,146	92	118	39
H	155	910-Miscellaneous CS	CUSTCSM	58,797	47,022	10,552	452	580	190
H	156	TOTAL CUSTOMER SERVICE EXPENSE		1,526,913	1,221,134	274,036	11,749	15,063	4,931
H	157								
H	158	SALES EXPENSES TOTAL	SALESREV	27,571	10,882	9,325	6,623	378	362
H	159								
H	160	TOTAL OPER & MAINT EXCL A&G		38,974,911	17,371,885	10,784,283	10,030,065	337,718	450,961
H	161								
H	162	ADMINISTRATIVE & GENERAL EXPENSE							
H	163	920-Administrative Salaries	SALWAGES	15,344,499	7,210,381	4,136,025	3,688,436	136,893	172,764
H	164	921-Office Supplies & Expense	SALWAGES	3,222,349	1,514,182	868,566	774,572	28,748	36,280
H	165	922-A&G Expense Transferred	SALWAGES	(40,321)	(18,947)	(10,868)	(9,692)	(360)	(454)
H	166	923-Outside Services	SALWAGES	2,660,128	1,249,994	717,023	639,429	23,732	29,950
H	167	xxx-Rate Case Expenses	CLAIMREV	318,061	139,049	88,765	83,167	3,170	3,910
H	168	924-Property Insurance	TOTPLT	781,005	325,569	222,476	213,783	9,026	10,150
H	169	925-Injuries and Damages	SALWAGES	2,355,333	1,106,771	634,867	566,163	21,013	26,519
H	170	926-Pensions & Benefits	SALWAGES	651,943	306,348	175,728	156,711	5,816	7,340
H	171	928-Regulatory Commission	CLAIMREV	506,479	221,422	141,349	132,435	5,048	6,226
H	172	930.1-General Advertising	SALWAGES	34,671	16,292	9,345	8,334	309	390
H	173	930.2-Miscellaneous General	SALWAGES	1,164,409	547,156	313,860	279,895	10,388	13,110
H	174	931-Rents	GENLPLT	500,385	234,844	134,960	120,465	4,473	5,643
H	175	932-Maintenance of General Plant	GENLPLT	1,154,674	541,919	311,429	277,982	10,322	13,021
H	176	TOTAL A&G EXPENSE		28,653,615	13,394,982	7,743,524	6,931,680	258,579	324,850
H	177								
H	178	**TOTAL OPERATION & MAINTENANCE EXPENSES**		67,628,526	30,766,867	18,527,806	16,961,745	596,297	775,810
H	179								
H	180								
H	181								
H	182								
H	183								
H	184								

BLACK HILLS POWER, INC.
PRO FORMA CLASS COST OF SERVICE STUDY
PRO FORMA TEST YEAR ENDED SEPTEMBER 30, 2013

SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	TOTAL SOUTH DAKOTA	RESIDENTIAL SERVICE	GENERAL SERVICE	GS LARGE/ INDUSTRIAL CONTRACT	LIGHTING SERVICE	WATER PUMP IRRIGATION
		(a)	(b)	(c)	(d)	(e)	(h)	(i)	(j)
J	1	**DEPRECIATION/AMORTIZATION EXPENSE**							
J	2								
J	3	PRODUCTION PLANT EXPENSE	PRODPLT	14,642,098	5,574,484	4,351,584	4,455,055	85,279	175,695
J	4								
J	5	TRANSMISSION PLANT EXPENSE	TRANPLT	85,699	36,953	22,773	23,829	803	1,341
J	6								
J	7	DISTRIBUTION PLANT EXPENSE							
J	8	360-Land & Land Rights	PLT_360	0	0	0	0	0	0
J	9	361-Structures & Improvements	PLT_361	18,922	8,159	5,028	5,261	177	296
J	10	362-Station Equipment	PLT_362	1,453,684	626,818	386,296	404,203	13,624	22,744
J	11	364-Poles,Towers & Fixtures	PLT_364	1,732,927	765,411	471,708	451,400	16,637	27,773
J	12	365-Overhead Conductors & Devices	PLT_365	1,073,617	470,829	290,163	285,307	10,234	17,084
J	13	366-Underground Conduit	PLT_366	108,180	48,852	30,107	26,387	1,062	1,773
J	14	367-Underground Conductors & Devices	PLT_367	1,047,630	477,388	294,205	248,339	10,376	17,322
J	15	368-Line Transformers	PLT_368	909,348	437,741	269,772	176,438	9,515	15,883
J	16	369-Services	PLT_369	771,020	489,987	191,707	81,949	0	7,377
J	17	370-Meters	PLT_370	180,637	128,601	41,006	9,994	416	619
J	18	371-Installation on Customer Premises	PLT_371	56,481	0	0	0	56,481	0
J	19	373-Street Lighting & Signal Systems	PLT_373	44,576	0	0	0	44,576	0
J	20	Dep Adj for SD Distribution Additions	DISTPLT	442,189	206,107	118,343	101,481	9,623	6,634
J	21	Distribution Plant Annualization	DISTPLT	371,886	173,338	99,528	85,347	8,093	5,580
J	22	TOTAL DISTRIBUTION PLANT EXPENSE		8,211,097	3,833,231	2,197,863	1,876,105	180,813	123,084
J	23								
J	24	GENERAL PLANT EXPENSE	GENLPLT	1,249,250	586,306	336,937	300,751	11,168	14,088
J	25								
J	26	OTHER UTILITY DEPRECIATION EXPENSE	SALWAGES	1,949,390	916,018	525,447	468,585	17,391	21,948
J	27								
J	28	**TOTAL DEPRECIATION EXPENSE**		26,137,533	10,946,993	7,434,605	7,124,324	295,455	336,157
J	29								
J	30	PLANT ACQUISITION ADJUSTMENT	SALWAGES	4,031,631	1,894,464	1,086,704	969,104	35,968	45,392
J	31								
J	32	**TOTAL DEPRECIATION/AMORTIZATION EXPENSE**		30,169,164	12,841,457	8,521,309	8,093,428	331,422	381,549
J	33								
J	34								
J	35								
J	36								
J	37								
J	38								
J	39								
J	40								
J	41								
J	42								
J	43								
J	44								
J	45								
J	46								

BLACK HILLS POWER, INC.
PRO FORMA CLASS COST OF SERVICE STUDY
PRO FORMA TEST YEAR ENDED SEPTEMBER 30, 2013

SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	TOTAL SOUTH DAKOTA	RESIDENTIAL SERVICE	GENERAL SERVICE	GS LARGE/ INDUSTRIAL CONTRACT	LIGHTING SERVICE	WATER PUMP IRRIGATION
		(a)	(b)	(c)	(d)	(e)	(h)	(i)	(j)
L	1	**OTHER OPERATING EXPENSES**							
L	2								
L	3	**TAXES OTHER THAN INCOME TAXES**							
L	4	Federal Taxes							
L	5	FICA Tax	SALWAGES	2,626,261	1,234,080	707,894	631,288	23,430	29,569
L	6	Unemployment Tax	SALWAGES	19,686	9,250	5,306	4,732	176	222
L	7								
L	8	State Taxes							
L	9	Unemployment Tax	SALWAGES	73,890	34,721	19,917	17,761	659	832
L	10	Montana Electric Energy Tax	CLAIMREV	0	0	0	0	0	0
L	11	Wyoming Franchise Taxes	CLAIMREV	0	0	0	0	0	0
L	12	South Dakota PUC Tax	CLAIMREV	250,238	109,399	69,837	65,433	2,494	3,076
L	13	Wyoming Sales Tax	CLAIMREV	0	0	0	0	0	0
L	14								
L	15	Local Taxes							
L	16	Property	TOTPLT	4,049,818	1,688,205	1,153,625	1,108,549	46,806	52,632
L	17								
L	18	TOIT - Payroll Loading & Other	SALWAGES	(2,820,854)	(1,325,520)	(760,346)	(678,063)	(25,166)	(31,760)
L	19								
L	20	**TOTAL TAXES OTHER THAN INCOME**		4,199,038	1,750,136	1,196,233	1,149,700	48,399	54,570
L	21								
L	22								
L	23								
L	24								
L	25								
L	26								
L	27								
L	28								
L	29								
L	30								
L	31								
L	32								
L	33								
L	34								
L	35								
L	36								
L	37								
L	38								
L	39								
L	40								
L	41								
L	42								
L	43								
L	44								
L	45								
L	46								

BLACK HILLS POWER, INC.
PRO FORMA CLASS COST OF SERVICE STUDY
PRO FORMA TEST YEAR ENDED SEPTEMBER 30, 2013

SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	TOTAL SOUTH DAKOTA	RESIDENTIAL SERVICE	GENERAL SERVICE	GS LARGE/ INDUSTRIAL CONTRACT	LIGHTING SERVICE	WATER PUMP IRRIGATION
		(a)	(b)	(c)	(d)	(e)	(h)	(i)	(j)
K	1	**DEVELOPMENT OF INCOME TAXES**							
K	2								
K	3	TOTAL OPERATING REVENUES	SCH I, LN 17	149,258,977	59,193,383	49,197,134	36,979,488	1,946,139	1,942,834
K	4								
K	5	LESS:							
K	6	OPERATION & MAINTAINENCE EXPENSE	SCH H, LN 178	67,628,526	30,766,867	18,527,806	16,961,745	596,297	775,810
K	7	DEPRECIATION EXPENSE	SCH J, LN 28	26,137,533	10,946,993	7,434,605	7,124,324	295,455	336,157
K	8	AMORTIZATION EXPENSE	SCH J, LN 30	4,031,631	1,894,464	1,086,704	969,104	35,968	45,392
K	9	TAXES OTHER THAN INCOME TAXES	SCH L, LN 20	4,199,038	1,750,136	1,196,233	1,149,700	48,399	54,570
K	10	MT STATE INCOME TAXES	CLAIMREV	0	0	0	0	0	0
K	11								
K	12	**NET OPERATING INCOME BEFORE TAXES**		47,262,249	13,834,923	20,951,785	10,774,615	970,021	730,904
K	13	AFUDC	TOTPLT	3,585,311	1,494,571	1,021,307	981,401	41,437	46,595
K	14	Interest Expense (Rate Base * Wtd Cost of Debt)		(16,335,329)	(6,780,063)	(4,655,466)	(4,517,703)	(170,691)	(211,406)
K	15	Subtotal		34,512,230	8,549,431	17,317,625	7,238,313	840,768	566,093
K	16								
K	17	Tax Adjustments:							
K	18	Permanent - Salaries & Wages	SALWAGES	(849,665)	(399,258)	(229,023)	(204,238)	(7,580)	(9,566)
K	19	Permanent - Plant	TOTPLT	(132,877)	(55,391)	(37,851)	(36,372)	(1,536)	(1,727)
K	20	Temporary - Salaries & Wages	SALWAGES	(2,659,174)	(1,249,546)	(716,766)	(639,199)	(23,723)	(29,940)
K	21	Temporary - Plant	TOTPLT	(9,697,584)	(4,042,531)	(2,762,440)	(2,654,502)	(112,080)	(126,030)
K	22	Temporary - Customer	CUST	(467,564)	(373,930)	(83,914)	(3,598)	(4,613)	(1,510)
K	23	Temporary - Other	CLAIMREV	1,211,073	529,455	337,987	316,673	12,070	14,887
K	24	Subtotal		(12,595,792)	(5,591,201)	(3,492,007)	(3,221,237)	(137,461)	(153,886)
K	25								
K	26	**TAXABLE INCOME (NOL)**		21,916,438	2,958,230	13,825,619	4,017,076	703,306	412,206
K	27								
K	28	Federal Income Tax @ 35%		7,670,753	1,035,381	4,838,967	1,405,977	246,157	144,272
K	29								
K	30	Other Tax Adjustments	TOTPLT	3,082,624	1,285,021	878,112	843,801	35,627	40,062
K	31								
K	32	**TOTAL FEDERAL INCOME TAX**		10,753,377	2,320,402	5,717,079	2,249,778	281,785	184,334
K	33								
K	34	**TOTAL INCOME TAXES**		10,753,377	2,320,402	5,717,079	2,249,778	281,785	184,334
K	35								
K	36								
K	37								
K	38								
K	39								
K	40								
K	41								
K	42								
K	43								
K	44								
K	45								
K	46								

BLACK HILLS POWER, INC.
PRO FORMA CLASS COST OF SERVICE STUDY
PRO FORMA TEST YEAR ENDED SEPTEMBER 30, 2013

SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	TOTAL SOUTH DAKOTA	RESIDENTIAL SERVICE	GENERAL SERVICE	GS LARGE/ INDUSTRIAL CONTRACT	LIGHTING SERVICE	WATER PUMP IRRIGATION
		(a)	(b)	(c)	(d)	(e)	(h)	(i)	(j)
K	47								
K	48								
K	49								
K	50								
K	51								
K	52								
K	53								
K	54								
K	55	**TAX RATES**							
K	56	STATE TAX RATE		0.00%					
K	57	FEDERAL TAX RATE - CURRENT		35.00%					
K	58								
K	59								
K	60								
K	61								
K	62	**WEIGHTED COST OF DEBT**		3.01%					
K	63								
K	64								
K	65								
K	66								
K	67								
K	68								
K	69								
K	70								
K	71								
K	72								
K	73								
K	74								
K	75								
K	76								
K	77								
K	78								
K	79								
K	80								
K	81								
K	82								
K	83								
K	84								
K	85								
K	86								
K	87								
K	88								
K	89								
K	90								
K	91								
K	92								

BLACK HILLS POWER, INC.
PRO FORMA CLASS COST OF SERVICE STUDY
PRO FORMA TEST YEAR ENDED SEPTEMBER 30, 2013

SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	TOTAL SOUTH DAKOTA	RESIDENTIAL SERVICE	GENERAL SERVICE	GS LARGE/ INDUSTRIAL CONTRACT	LIGHTING SERVICE	WATER PUMP IRRIGATION
		(a)	(b)	(c)	(d)	(e)	(h)	(i)	(j)
H-1	1	**DEVELOPMENT OF SALARIES & WAGES ALLOCATION FACTOR**							
H-1	2								
H-1	3	**PRODUCTION SALARIES & WAGES EXPENSE**							
H-1	4	Operation	OX_PROD	2,563,345	975,907	761,818	779,932	14,930	30,758
H-1	5	Maintenance	MX_PROD	1,989,522	757,443	591,280	605,339	11,587	23,873
H-1	6	TOTAL PRODUCTION		4,552,867	1,733,350	1,353,097	1,385,271	26,517	54,631
H-1	7								
H-1	8	**TRANSMISSION SALARIES & WAGES EXPENSE**							
H-1	9	Operation	OX_TRAN	178,177	76,829	47,348	49,543	1,670	2,788
H-1	10	Maintenance	MX_TRAN	43,657	18,825	11,601	12,139	409	683
H-1	11	TOTAL TRANSMISSION		221,834	95,653	58,949	61,682	2,079	3,471
H-1	12								
H-1	13	**DISTRIBUTION SALARIES & WAGES EXPENSE**							
H-1	14	Operation	OX_DIST	1,343,815	702,756	347,151	261,730	15,697	16,481
H-1	15	Maintenance	MX_DIST	734,736	323,531	196,644	186,612	16,497	11,452
H-1	16	TOTAL DISTRIBUTION		2,078,550	1,026,286	543,795	448,342	32,193	27,932
H-1	17								
H-1	18	**CUSTOMER ACCOUNTS SAL & WAGES EXP**	OX_CA	571,810	472,045	89,700	3,575	4,989	1,500
H-1	19								
H-1	20	**CUSTOMER SERVICE SAL & WAGES EXP**	OX_CS	490,243	392,067	87,984	3,772	4,836	1,583
H-1	21								
H-1	22	**ADMINISTRATIVE & GENERAL SALARIES & WAGES EXP**							
H-1	23	Operation	SALWAGXAG	3,125,582	1,468,711	842,483	751,312	27,884	35,191
H-1	24	Maintenance	SALWAGXAG	7,555	3,550	2,036	1,816	67	85
H-1	25	TOTAL ADMINISTRATIVE & GENERAL		3,133,137	1,472,261	844,520	753,128	27,952	35,276
H-1	26								
H-1	27	TOT OPER & MAINTENANCE LABOR		11,048,440	5,191,663	2,978,046	2,655,770	98,567	124,394
H-1	28								
H-1	29								
H-1	30								
H-1	31								
H-1	32								
H-1	33								
H-1	34								
H-1	35								
H-1	36								
H-1	37								
H-1	38								
H-1	39								
H-1	40								
H-1	41								
H-1	42								
H-1	43								
H-1	44								
H-1	45								
H-1	46								

BLACK HILLS POWER, INC.
PRO FORMA CLASS COST OF SERVICE STUDY
PRO FORMA TEST YEAR ENDED SEPTEMBER 30, 2013

SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	TOTAL SOUTH DAKOTA	RESIDENTIAL SERVICE	GENERAL SERVICE	GS LARGE/ INDUSTRIAL CONTRACT	LIGHTING SERVICE	WATER PUMP IRRIGATION
		(a)	(b)	(c)	(d)	(e)	(h)	(i)	(j)
AF	1	**ALLOCATION FACTOR TABLE**							
AF	2	**DEMAND**							
AF	3								
AF	4	DEMAND - PRODUCTION RELATED							
AF	5	Demand Production (A&E)	DPROD	0.9923	0.3778	0.2949	0.30192	0.0058	0.0119
AF	6								
AF	6								
AF	6								
AF	6								
AF	9	DEMAND - TRANSMISSION RELATED							
AF	10	Demand Transmission (Calculated Maximum Demand)	DTRAN	381.69	165	101	106	4	6
AF	11								
AF	12								
AF	13								
AF	15								
AF	16								
AF	17								
AF	18								
AF	19								
AF	20	DEMAND - DISTRIBUTION RELATED (Calculated Maximum Demand)							
AF	21	Demand Distribution Primary Substation	DDISPSUB	381.69	165	101	106	4	5.97
AF	22	Demand Distribution Primary Overhead Lines	DDISTPOL	381.69	165	101	106	4	6
AF	23	Demand Distribution Primary Underground Lines	DDISTPUL	381.69	165	101	106	4	6
AF	24								
AF	25	Demand Distribution Secondary Overhead Lines	DDISTSOL	341.90	165	101	66	4	6
AF	26	Demand Distribution Secondary Underground Lines	DDISTSUL	341.90	165	101	66	4	6
AF	27	Demand Distribution Overhead Line Transformers	DDISTSOT	341.90	165	101	66	4	6
AF	28	Demand Distribution Undergrnd Line Transformers	DDISTSUT	341.90	165	101	66	4	6
AF	29								
AF	30								
AF	31								
AF	32								
AF	33								
AF	34								
AF	35								
AF	36								
AF	37								
AF	38								
AF	39								
AF	40								
AF	41								
AF	42								
AF	43								
AF	44								
AF	45								
AF	46								

BLACK HILLS POWER, INC.
PRO FORMA CLASS COST OF SERVICE STUDY
PRO FORMA TEST YEAR ENDED SEPTEMBER 30, 2013

SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	TOTAL SOUTH DAKOTA	RESIDENTIAL SERVICE	GENERAL SERVICE	GS LARGE/ INDUSTRIAL CONTRACT	LIGHTING SERVICE	WATER PUMP IRRIGATION
		(a)	(b)	(c)	(d)	(e)	(h)	(i)	(j)
AF	47	**ALLOCATION FACTOR TABLE CONTINUED**							
AF	48								
AF	49	**ENERGY**							
AF	50	Energy @ Generation with losses (kWh)	ENEFUEL	1,598,536,895	553,462,244	437,180,456	566,028,135	15,463,378	26,402,681
AF	51	Energy @ Generation with losses(kWh)	ENERGY1	1,598,536,895	553,462,244	437,180,456	566,028,135	15,463,378	26,402,681
AF	52	Energy @ Meter (kWh Sales)	ENERGY2	1,477,426,994	508,556,688	401,709,507	528,691,572	14,208,746	24,260,481
AF	53								
AF	54								
AF	55								
AF	56								
AF	57								
AF	58								
AF	59								
AF	60								
AF	61	**CUSTOMER**							
AF	62								
AF	63	Customer Dist. Primary Substation	CDISPSUB	65,583	52,450	11,770	504	647	212
AF	64	Customer Dist. Primary Overhead Lines	CDISTPOL	64,936	52,450	11,770	504	0	212
AF	65	Customer Dist. Primary Underground Lines	CDISTPUL	64,936	52,450	11,770	504	0	212
AF	66								
AF	67								
AF	68								
AF	69								
AF	70								
AF	71								
AF	72	369-Services	CSERVICE	624	397	155	66	-	6
AF	73	370-Meters	CMETERS	15,336,942	10,918,828	3,481,618	848,577	35,332	52,587
AF	74								
AF	75	902-Meter Reading	CMETRDG	780,982	629,400	141,244	6,044	1,752	2,542
AF	76	903-Customer Records and Collections	CUSTREC	787,006	629,400	141,244	6,056	7,764	2,542
AF	77	905-Miscellaneous Customer Accounts	CUSTCAM	65,584	52,450	11,770	505	647	212
AF	78	908-Customer Assistance	CUSTASST	65,584	52,450	11,770	505	647	212
AF	79	909-Advertisement	CUSTADVT	65,584	52,450	11,770	505	647	212
AF	80	910-Miscellaneous Customer Service	CUSTCSM	65,584	52,450	11,770	505	647	212
AF	81								
AF	82								
AF	83								
AF	84	371-Installation on Customer Premises	CUSTPREM	404	0	0	0	404	0
AF	85	373-Street Lighting & Signal Systems	CLIGHT	4,283,802	0	0	0	4,283,802	0
AF	86								
AF	87	Number of Bills	CUSTBILLS	787,006	629,400	141,244	6,056	7,764	2,542
AF	88	Number of Customers	CUST	65,584	52,450	11,770	505	647	211.81
AF	89								
AF	90								
AF	91								
AF	92								

BLACK HILLS POWER, INC.
PRO FORMA CLASS COST OF SERVICE STUDY
PRO FORMA TEST YEAR ENDED SEPTEMBER 30, 2013

SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	TOTAL SOUTH DAKOTA	RESIDENTIAL SERVICE	GENERAL SERVICE	GS LARGE/ INDUSTRIAL CONTRACT	LIGHTING SERVICE	WATER PUMP IRRIGATION
		(a)	(b)	(c)	(d)	(e)	(h)	(i)	(j)
AF	93	**ALLOCATION FACTOR TABLE CONTINUED**							
AF	94	**INTERNALLY DEVELOPED ALLOCATION FACTORS**							
AF	95								
AF	96	**Plant**							
AF	97	Prod, Trans, and Distr Plant in Service	PTDPLT	830,616,159	342,926,606	237,559,414	229,418,547	9,798,430	10,913,161
AF	98	Distribution Plant Excl Not Classified	DISTPLTXNC	280,308,957	130,653,961	75,019,174	64,330,121	6,100,115	4,205,587
AF	99	Rate Base	RATEBASE	542,701,964	225,251,255	154,666,657	150,089,792	5,670,795	7,023,465
AF	100	Total Electric Plant In Service	TOTPLT	901,099,320	375,631,925	256,685,894	246,656,289	10,414,468	11,710,745
AF	101	Production Plant In Service	PRODPLT	516,414,181	196,607,266	153,476,624	157,125,948	3,007,714	6,196,629
AF	102	Transmission Plant in Service	TRANPLT	3,791,973	1,635,070	1,007,663	1,054,373	35,539	59,328
AF	103	Distribution Plant in Service	DISTPLT	310,410,006	144,684,270	83,075,127	71,238,227	6,755,177	4,657,205
AF	104	Total Transmission and Distribution Plant	TDPLT	314,201,978	146,319,340	84,082,790	72,292,600	6,790,716	4,716,533
AF	105	General Plant in Service	GENLPLT	42,812,585	20,093,095	11,547,049	10,306,911	382,729	482,802
AF	106								
AF	107	Account 360	PLT_360	2,022,060	871,897	537,334	562,242	18,951	31,636
AF	108	Account 361	PLT_361	700,802	302,180	186,228	194,861	6,568	10,964
AF	109	Account 362	PLT_362	58,163,248	25,079,554	15,456,058	16,172,518	545,118	910,001
AF	110	Account 364	PLT_364	64,182,500	28,348,540	17,470,673	16,718,502	616,171	1,028,615
AF	111	Account 365	PLT_365	39,763,582	17,438,111	10,746,780	10,566,930	379,027	632,734
AF	112	Account 366	PLT_366	4,006,682	1,809,350	1,115,069	977,284	39,327	65,652
AF	113	Account 367	PLT_367	38,801,103	17,681,020	10,896,481	9,197,748	384,307	641,548
AF	114	Account 368	PLT_368	33,679,565	16,212,631	9,991,541	6,534,734	352,390	588,268
AF	115	Account 369	PLT_369	28,556,304	18,147,676	7,100,262	3,035,138	0	273,228
AF	116	Account 370	PLT_370	6,690,268	4,763,002	1,518,748	370,165	15,412	22,939
AF	117	Account 371	PLT_371	2,091,882	0	0	0	2,091,882	0
AF	118	Account 373	PLT_373	1,650,961	0	0	0	1,650,961	0
AF	119	Distribution Overhead Plant in Service	OHDIST	103,946,082	45,786,650	28,217,454	27,285,431	995,198	1,661,349
AF	120	Distribution Underground Plant in Service	UGDIST	42,807,785	19,490,370	12,011,549	10,175,032	423,634	707,200
AF	121	Account 371&373	PLT_3713	3,742,843	0	0	0	3,742,843	0
AF	122								
AF	123	Other Customer Class	DPLTOTH	2,368,549	0	0	0	0	2,368,549
AF	124	Residential Regular Sales Revenue	DPLTRESR	44,242,053	44,242,053	0	0	0	0
AF	125	Residential Electric Sales Revenue	DPLTRESE	10,482,511	10,482,511	0	0	0	0
AF	126	Residential Demand Sales Revenue	DPLTRESD	10,552,455	10,552,455	0	0	0	0
AF	127	GS Regular Sales Revenue	DPLTGSR	35,051,509	0	35,051,509	0	0	0
AF	128	GS Total Electric Sales Revenue	DPLTGSE	3,306,463	0	3,306,463	0	0	0
AF	129	GSL Secondary	DPLTGSLS	25,344,622	0	0	25,344,622	0	0
AF	130	GSL Primary	DPLTGSLP	1,331,206	0	0	1,331,206	0	0
AF	131								
AF	132								
AF	133								
AF	134	Total O&M less Fuel and Purchased Power	OMXFPP	69,114,152	31,332,084	18,968,198	17,415,532	604,732	793,606
AF	135	Supervised O&M Expense excluding CUS	OMXFPPT	32,496,868	14,904,174	8,859,519	8,060,272	299,724	373,179
AF	136								
AF	137								
AF	138								

BLACK HILLS POWER, INC.
PRO FORMA CLASS COST OF SERVICE STUDY
PRO FORMA TEST YEAR ENDED SEPTEMBER 30, 2013

SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	TOTAL SOUTH DAKOTA	RESIDENTIAL SERVICE	GENERAL SERVICE	GS LARGE/ INDUSTRIAL CONTRACT	LIGHTING SERVICE	WATER PUMP IRRIGATION
		(a)	(b)	(c)	(d)	(e)	(h)	(i)	(j)
AF	139	**ALLOCATION FACTOR TABLE CONTINUED**							
AF	140	**INTERNALLY DEVELOPED ALLOCATION FACTORS**							
AF	141	**Production Expense**							
AF	142	Account 500	OX_500	1,575,786	599,927	468,319	479,454	9,178	18,908
AF	143	Account 501	OX_501	0	0	0	0	0	0
AF	144	Account 502	OX_502	1,898,285	722,708	564,164	577,579	11,056	22,778
AF	145	Account 505	OX_505	1,047,976	398,982	311,455	318,861	6,104	12,575
AF	146	Account 506	OX_506	704,792	268,326	209,462	214,442	4,105	8,457
AF	147	Account 510	MX_510	1,335,855	508,582	397,012	406,452	7,780	16,029
AF	148	Account 511	MX_511	681,505	259,460	202,541	207,357	3,969	8,178
AF	149	Account 512	MX_512	3,081,595	1,173,213	915,840	937,617	17,948	36,977
AF	150	Account 513	MX_513	544,270	207,212	161,755	165,601	3,170	6,531
AF	151	Account 514	MX_514	118,124	44,972	35,106	35,941	688	1,417
AF	152	Account 546	OX_546	310,307	118,139	92,222	94,415	1,807	3,723
AF	153	Account 547	OX_547	0	0	0	0	0	0
AF	154	Account 548	OX_547	609,718	232,130	181,206	185,515	3,551	7,316
AF	155	Account 549	OX_549	1,032,324	393,023	306,803	314,098	6,012	12,387
AF	156	Account 551	MX_551	184,556	70,263	54,849	56,154	1,075	2,215
AF	157	Account 552	MX_552	86,885	33,078	25,822	26,436	506	1,043
AF	158	Account 553	MX_553	1,904,803	725,189	566,101	579,562	11,094	22,856
AF	159	Account 554	MX_554	516,089	196,484	153,380	157,027	3,006	6,193
AF	160	Account 556	OX_556	1,134,504	431,924	337,171	345,188	6,608	13,613
AF	161	Account 555	OX_555	6,461,473	2,459,988	1,920,329	1,965,990	37,633	77,533
AF	162	Account 557	OX_557	0	0	0	0	0	
AF	163	O&M Expense Production Operation	OX_PROD	5,293,096	2,015,168	1,573,091	1,610,495	30,828	63,514
AF	164	O&M Expense Production Maintenance	MX_PROD	13,827,328	5,264,288	4,109,437	4,207,150	80,534	165,919
AF	165	Salaries and Wages Production Operation	SALWAGPO	2,563,345	975,907	761,818	779,932	14,930	30,758
AF	166	Salaries and Wages Production Maintenance	SALWAGPM	1,989,522	757,443	591,280	605,339	11,587	23,873
AF	167	**Transmission Expense**							
AF	168	Account 560	OX_560	187,969	81,051	49,950	52,266	1,762	2,941
AF	169	Account 561	OX_561	0	0	0	0	0	0
AF	170	Account 562	OX_562	0	0	0	0	0	0
AF	171	Account 563	OX_563	17,212	7,422	4,574	4,786	161	269
AF	172	Account 565	OX_565	0	0	0	0	0	0
AF	173	Account 566	OX_566	28,154	12,140	7,482	7,828	264	440
AF	174	Account 567	OX_567	0	0	0	0	0	0
AF	175	Account 568	MX_568	50	22	13	14	0	1
AF	176	Account 569	MX_569	0	0	0	0	0	0
AF	177	Account 570	MX_570	32,453	13,994	8,624	9,024	304	508
AF	178	Account 571	MX_571	16,488	7,110	4,381	4,585	155	258
AF	179	Account 573	MX_573	1,008	435	268	280	9	16
AF	180	O&M Accounts 561-567	OX_TRAN	45,366	19,562	12,055	12,614	425	710
AF	181	O&M Accounts 569-573	MX_TRAN	49,949	21,538	13,273	13,889	468	781
AF	182	Salaries & Wages Accounts 561-567	SALWAGTO	178,177	76,829	47,348	49,543	1,670	2,788
AF	183	Salaries & Wages Accounts 569-573	SALWAGTM	43,657	18,825	11,601	12,139	409	683
AF	184								

BLACK HILLS POWER, INC.
PRO FORMA CLASS COST OF SERVICE STUDY
PRO FORMA TEST YEAR ENDED SEPTEMBER 30, 2013

SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	TOTAL SOUTH DAKOTA	RESIDENTIAL SERVICE	GENERAL SERVICE	GS LARGE/ INDUSTRIAL CONTRACT	LIGHTING SERVICE	WATER PUMP IRRIGATION
		(a)	(b)	(c)	(d)	(e)	(h)	(i)	(j)
AF	185	**ALLOCATION FACTOR TABLE CONTINUED**							
AF	186	**INTERNALLY DEVELOPED ALLOCATION FACTORS**							
AF	187	**Distribution Expense**							
AF	188	Account 580	OX_580	1,620,799	847,607	418,705	315,678	18,932	19,878
AF	189	Account 581	OX_581	599,687	279,518	160,494	137,626	13,050	8,997
AF	190	Account 582	OX_582	375,020	161,706	99,656	104,276	3,515	5,867
AF	191	Account 583	OX_583	461,010	203,068	125,147	121,013	4,414	7,368
AF	192	Account 584	OX_584	298,571	135,939	83,777	70,968	2,955	4,932
AF	193	Account 585	OX_585	1	0	0	0	1	0
AF	194	Account 586	OX_586	756,867	538,836	171,815	41,877	1,744	2,595
AF	195	Account 587	OX_587	21,902	15,593	4,972	1,212	50	75
AF	196	Account 588	OX_588	343,006	159,877	91,799	78,719	7,465	5,146
AF	197	Account 589	OX_589	16,570	7,723	4,435	3,803	361	249
AF	198	Account 590	MX_590	1,179	519	316	299	26	18
AF	199	Account 592	MX_592	240,304	103,617	63,857	66,817	2,252	3,760
AF	200	Account 593	MX_593	3,517,711	1,549,498	954,926	923,385	33,679	56,223
AF	201	Account 594	MX_594	229,373	104,433	64,360	54,520	2,270	3,789
AF	202	Account 595	MX_595	45,831	22,062	13,596	8,892	480	801
AF	203	Account 596	MX_596	54,502	0	0	0	54,502	0
AF	204	Account 597	MX_597	66,547	47,377	15,107	3,682	153	228
AF	205	Account 598	MX_598	88,738	41,361	23,749	20,365	1,931	1,331
AF	206	O&M Accounts 581-589	OX_DIST	2,872,633	1,502,261	742,095	559,493	33,554	35,231
AF	207	O&M Accounts 591-598	MX_DIST	4,243,005	1,868,348	1,135,596	1,077,662	95,267	66,132
AF	208	Salaries & Wages Accounts 581-589	SALWAGDO	1,343,815	702,756	347,151	261,730	15,697	16,481
AF	209	Salaries & Wages Accounts 591-598	SALWAGDM	734,736	323,531	196,644	186,612	16,497	11,452
AF	210								
AF	211	Account 902	OX_902	19,153	15,436	3,464	148	43	62
AF	212	Account 903	OX_903	1,161,267	928,711	208,413	8,936	11,456	3,751
AF	213	Account 904	OX_904	406,612	380,958	23,967	0	1,687	0
AF	214	O&M Accounts 902-905	OX_CA	2,167,350	1,789,208	339,994	13,549	18,911	5,687
AF	215	Salaries & Wages Accounts 902-905	SALWAGCA	571,810	472,045	89,700	3,575	4,989	1,500
AF	216								
AF	217	Account908	OX_908	1,260,065	1,007,724	226,144	9,696	12,431	4,070
AF	218	Account909	OX_909	11,956	9,562	2,146	92	118	39
AF	219	Account910	OX_910	58,797	47,022	10,552	452	580	190
AF	220	O&M Accounts 908-910	OX_CS	1,330,818	1,064,308	238,843	10,240	13,129	4,298
AF	221	Salaries & Wages Accounts 908-910	SALWAGCS	490,243	392,067	87,984	3,772	4,836	1,583
AF	222								
AF	223	Salaries & Wages Excluding Admin & Gen	SALWAGXAG	7,915,304	3,719,402	2,133,526	1,902,642	70,615	89,118
AF	224	Total Salaries and Wages Expense	SALWAGES	11,048,440	5,191,663	2,978,046	2,655,770	98,567	124,394
AF	225								
AF	226								
AF	227								
AF	228								
AF	229								
AF	230								

BLACK HILLS POWER, INC.
PRO FORMA CLASS COST OF SERVICE STUDY
PRO FORMA TEST YEAR ENDED SEPTEMBER 30, 2013

SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	TOTAL SOUTH DAKOTA	RESIDENTIAL SERVICE	GENERAL SERVICE	GS LARGE/ INDUSTRIAL CONTRACT	LIGHTING SERVICE	WATER PUMP IRRIGATION
		(a)	(b)	(c)	(d)	(e)	(h)	(i)	(j)
AF	231	**REVENUES AND BILLING DETERMINANTS**							
AF	232								
AF	233	Base Rate Sales Revenue	SALESREV	124,169,353	49,009,989	41,997,396	29,828,727	1,702,416	1,630,824
AF	234	Other Sales Revenue	SREVOTH	1,630,824	0	0	0	0	1,630,824
AF	235	Residential Regular Sales Revenue	SREVRESR	35,492,218	35,492,218	0	0	0	0
AF	236	Residential Total Electric Sales Revenue	SREVRESE	7,437,951	7,437,951	0	0	0	0
AF	237	Residential Total Electric Demand Sales Rev	SREVRESED	6,079,820	6,079,820	0	0	0	0
AF	238	GS Regular Sales Revenue	SREVSGSR	38,157,474	0	38,157,474	0	0	0
AF	239	GS Total Electric Sales Revenue	SREVSGSE	3,448,305	0	3,448,305	0	0	0
AF	240	GS Total Other Sales Revenue	SREVSGSO	391,618	0	391,618	0	0	0
AF	241	GSL Secondary	SREVGSLS	20,464,147	0	0	20,464,147	0	0
AF	242	GSL Primary	SREVGSLP	1,292,293	0	0	1,292,293	0	0
AF	243	GSL Other	SREVGSLO	1,013,376	0	0	1,013,376	0	0
AF	244	Traffic Signals & Flashers	SREVTSF	61,795	0	0	0	61,795	0
AF	245	Private Area Lighting Leased	SREVPAL	522,251	0	0	0	522,251	0
AF	246	Street Lighting Leased	SREVSL	713,215	0	0	0	713,215	0
AF	247	Street Lighting Energy & Maint Cust Owned	SREVSLEM	346,207	0	0	0	346,207	0
AF	248	Street Lighting Non-Metered Services/Rentals	SREVSLSR	58,949	0	0	0	58,949	0
AF	249						0		
AF	250	Claimed Rate Sales Revenue	CLAIMREV	138,803,591	60,681,967	38,737,436	36,294,538	1,383,411	1,706,240
AF	251								
AF	252	**PRESENT REVENUES FROM SALES INPUT**							
AF	253			14,634,283					
AF	254	Total Base Sales of Electricity Revenues		124,169,353	49,009,989	41,997,396	29,828,727	1,702,416	1,630,824
AF	255	Sales of Electricity Revenues		146,724,130	57,079,989	46,858,542	38,906,705	1,886,515	1,992,379
AF	256	Fuel Revenues		(33,682,213)	(11,711,397)	(9,118,806)	(11,978,759)	(322,538)	(550,713)
AF	257	Proforma Rate Increase Sales Revenues		11,127,436	3,641,397	4,257,660	2,900,781	138,439	189,158
AF	258								
AF	259								
AF	260	**BILLING DETERMINATE INPUTS**							
AF	261	Number of Customer Bills	SCH AF, LN 87	787,006	629,400	141,244	6,056	7,764	2,542
AF	262	Annual kWh Sales @ Meter	SCH AF, LN 52	1,477,426,994	508,556,688	401,709,507	528,691,572	14,208,746	24,260,481
AF	263	Annual kW - Billed		3,141,583	426,380	1,574,160	1,073,238	0	67,804
AF	264								
AF	265								
AF	266	**RATE OF RETURN**							
AF	267	Rate of Return (Equalized)	SCH AF, LN 267	8.48%	8.48%	8.48%	8.48%	8.48%	8.48%
AF	268								
AF	269								
AF	270	**PROPOSED REVENUES FROM SALES INPUT**							
AF	271	Annual kWh Sales - Proposed	SCH AF, LN 262	1,477,426,994	508,556,688	401,709,507	528,691,572	14,208,746	24,260,481
AF	272	Sales of Electricity Revenues - Proposed Total		138,803,636	55,546,653	45,733,753	33,896,966	1,851,073	1,775,191
AF	273	Sales of Electricity Revenues - Proposed		138,803,636	55,546,653	45,733,753	33,896,966	1,851,073	1,775,191
AF	274	Credit		0	0	0	0	0	0
AF	275	Credit	DPROD	0	0	0	0	0	0
AF	276								

BLACK HILLS POWER, INC.
PRO FORMA CLASS COST OF SERVICE STUDY
PRO FORMA TEST YEAR ENDED SEPTEMBER 30, 2013

SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	TOTAL SOUTH DAKOTA	RESIDENTIAL SERVICE	GENERAL SERVICE	GS LARGE/ INDUSTRIAL CONTRACT	LIGHTING SERVICE	WATER PUMP IRRIGATION
		(a)	(b)	(c)	(d)	(e)	(h)	(i)	(j)
AP	1	**ALLOCATION PROPORTIONS TABLE**							
AP	2	**DEMAND**							
AP	3								
AP	4	DEMAND - PRODUCTION RELATED							
AP	5	Demand Production (A&E)	DPROD	1.00000	0.38072	0.29720	0.30426	0.00582	0.01200
AP	6			0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
AP	6			0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
AP	6			0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
AP	6			0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
AP	9	DEMAND - TRANSMISSION RELATED							
AP	10	Demand Transmission (Calculated Maximum Demand)	DTRAN	1.00000	0.43119	0.26574	0.27805	0.00937	0.01565
AP	11								
AP	12								
AP	13								
AP	15								
AP	16								
AP	17								
AP	18								
AP	19								
AP	20	DEMAND - DISTRIBUTION RELATED (Calculated Maxim							
AP	21	Demand Distribution Primary Substation	DDISPSUB	1.00000	0.43119	0.26574	0.27805	0.00937	0.01565
AP	22	Demand Distribution Primary Overhead Lines	DDISTPOL	1.00000	0.43119	0.26574	0.27805	0.00937	0.01565
AP	23	Demand Distribution Primary Underground Lines	DDISTPUL	1.00000	0.43119	0.26574	0.27805	0.00937	0.01565
AP	24								
AP	25	Demand Distribution Secondary Overhead Lines	DDISTSOL	1.00000	0.48138	0.29666	0.19403	0.01046	0.01747
AP	26	Demand Distribution Secondary Underground Lines	DDISTSUL	1.00000	0.48138	0.29666	0.19403	0.01046	0.01747
AP	27	Demand Distribution Overhead Line Transformers	DDISTSOT	1.00000	0.48138	0.29666	0.19403	0.01046	0.01747
AP	28	Demand Distribution Undergrnd Line Transformers	DDISTSUT	1.00000	0.48138	0.29666	0.19403	0.01046	0.01747
AP	29								
AP	30								
AP	31								
AP	32								
AP	33								
AP	34								
AP	35								
AP	36								
AP	37								
AP	38								
AP	39								
AP	40								
AP	41								
AP	42								
AP	43								
AP	44								
AP	45								
AP	46								

SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	TOTAL SOUTH DAKOTA	RESIDENTIAL SERVICE	GENERAL SERVICE	GS LARGE/ INDUSTRIAL CONTRACT	LIGHTING SERVICE	WATER PUMP IRRIGATION
		(a)	(b)	(c)	(d)	(e)	(h)	(i)	(j)
AP	47	**ALLOCATION PROPORTIONS TABLE CONTINUED**							
AP	48								
AP	49	**ENERGY**							
AP	50	Energy @ Generation with losses (kWh)	ENEFUEL	1.00000	0.34623	0.27349	0.35409	0.00967	0.01652
AP	51	Energy @ Generation with losses(kWh)	ENERGY1	1.00000	0.34623	0.27349	0.35409	0.00967	0.01652
AP	52	Energy @ Meter (kWh Sales)	ENERGY2	1.00000	0.34422	0.27190	0.35785	0.00962	0.01642
AP	53								
AP	54								
AP	55								
AP	56								
AP	57								
AP	58								
AP	59								
AP	60								
AP	61	**CUSTOMER**							
AP	62								
AP	63	Customer Dist. Primary Substation	CDISPSUB	1.00000	0.79975	0.17947	0.00768	0.00987	0.00323
AP	64	Customer Dist. Primary Overhead Lines	CDISTPOL	1.00000	0.80772	0.18126	0.00776	0.00000	0.00326
AP	65	Customer Dist. Primary Underground Lines	CDISTPUL	1.00000	0.80772	0.18126	0.00776	0.00000	0.00326
AP	66								
AP	67								
AP	68								
AP	69								
AP	70								
AP	71								
AP	72	369-Services	CSERVICE	1.00000	0.63551	0.24864	0.10629	0.00000	0.00957
AP	73	370-Meters	CMETERS	1.00000	0.71193	0.22701	0.05533	0.00230	0.00343
AP	74								
AP	75	902-Meter Reading	CMETRDG	1.00000	0.80591	0.18085	0.00774	0.00224	0.00325
AP	76	903-Customer Records and Collections	CUSTREC	1.00000	0.79974	0.17947	0.00769	0.00987	0.00323
AP	77	905-Miscellaneous Customer Accounts	CUSTCAM	1.00000	0.79974	0.17947	0.00769	0.00987	0.00323
AP	78	908-Customer Assistance	CUSTASST	1.00000	0.79974	0.17947	0.00769	0.00987	0.00323
AP	79	909-Advertisement	CUSTADVT	1.00000	0.79974	0.17947	0.00769	0.00987	0.00323
AP	80	910-Miscellaneous Customer Service	CUSTCSM	1.00000	0.79974	0.17947	0.00769	0.00987	0.00323
AP	81								
AP	82			0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
AP	83								
AP	84	371-Installation on Customer Premises	CUSTPREM	1.00000	0.00000	0.00000	0.00000	1.00000	0.00000
AP	85	373-Street Lighting & Signal Systems	CLIGHT	1.00000	0.00000	0.00000	0.00000	1.00000	0.00000
AP	86								
AP	87	Number of Bills	CUSTBILLS	1.00000	0.79974	0.17947	0.00769	0.00987	0.00323
AP	88	Number of Customers	CUST	1.00000	0.79974	0.17947	0.00769	0.00987	0.00323
AP	89								
AP	90								
AP	91								
AP	92								

BLACK HILLS POWER, INC.
PRO FORMA CLASS COST OF SERVICE STUDY
PRO FORMA TEST YEAR ENDED SEPTEMBER 30, 2013

SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	TOTAL SOUTH DAKOTA	RESIDENTIAL SERVICE	GENERAL SERVICE	GS LARGE/ INDUSTRIAL CONTRACT	LIGHTING SERVICE	WATER PUMP IRRIGATION
		(a)	(b)	(c)	(d)	(e)	(h)	(i)	(j)
AP	93	**ALLOCATION PROPORTIONS TABLE CONTINUED**							
AP	94	**INTERNALLY DEVELOPED ALLOCATION FACTORS**							
AP	95								
AP	96	**Plant**							
AP	97	Prod, Trans, and Distr Plant in Service	PTDPLT	1.00000	0.41286	0.28600	0.27620	0.01180	0.01314
AP	98	Distribution Plant Excl Not Classified	DISTPLTXNC	1.00000	0.46611	0.26763	0.22950	0.02176	0.01500
AP	99	Rate Base	RATEBASE	1.00000	0.41506	0.28499	0.27656	0.01045	0.01294
AP	100	Total Electric Plant In Service	TOTPLT	1.00000	0.41686	0.28486	0.27373	0.01156	0.01300
AP	101	Production Plant In Service	PRODPLT	1.00000	0.38072	0.29720	0.30426	0.00582	0.01200
AP	102	Transmission Plant in Service	TRANPLT	1.00000	0.43119	0.26574	0.27805	0.00937	0.01565
AP	103	Distribution Plant in Service	DISTPLT	1.00000	0.46611	0.26763	0.22950	0.02176	0.01500
AP	104	Total Transmission and Distribution Plant	TDPLT	1.00000	0.46569	0.26761	0.23008	0.02161	0.01501
AP	105	General Plant in Service	GENLPLT	1.00000	0.46933	0.26971	0.24074	0.00894	0.01128
AP	106								
AP	107	Account 360	PLT_360	1.00000	0.43119	0.26574	0.27805	0.00937	0.01565
AP	108	Account 361	PLT_361	1.00000	0.43119	0.26574	0.27805	0.00937	0.01565
AP	109	Account 362	PLT_362	1.00000	0.43119	0.26574	0.27805	0.00937	0.01565
AP	110	Account 364	PLT_364	1.00000	0.44169	0.27220	0.26048	0.00960	0.01603
AP	111	Account 365	PLT_365	1.00000	0.43854	0.27027	0.26574	0.00953	0.01591
AP	112	Account 366	PLT_366	1.00000	0.45158	0.27830	0.24391	0.00982	0.01639
AP	113	Account 367	PLT_367	1.00000	0.45568	0.28083	0.23705	0.00990	0.01653
AP	114	Account 368	PLT_368	1.00000	0.48138	0.29666	0.19403	0.01046	0.01747
AP	115	Account 369	PLT_369	1.00000	0.63551	0.24864	0.10629	0.00000	0.00957
AP	116	Account 370	PLT_370	1.00000	0.71193	0.22701	0.05533	0.00230	0.00343
AP	117	Account 371	PLT_371	1.00000	0.00000	0.00000	0.00000	1.00000	0.00000
AP	118	Account 373	PLT_373	1.00000	0.00000	0.00000	0.00000	1.00000	0.00000
AP	119	Distribution Overhead Plant in Service	OHDIST	1.00000	0.44048	0.27146	0.26250	0.00957	0.01598
AP	120	Distribution Underground Plant in Service	UGDIST	1.00000	0.45530	0.28059	0.23769	0.00990	0.01652
AP	121	Account 371&373	PLT_3713	1.00000	0.00000	0.00000	0.00000	1.00000	0.00000
AP	122								
AP	123	Other Customer Class	DPLTOTH	1.00000	0.00000	0.00000	0.00000	0.00000	1.00000
AP	124	Residential Regular Sales Revenue	DPLTRESR	1.00000	1.00000	0.00000	0.00000	0.00000	0.00000
AP	125	Residential Electric Sales Revenue	DPLTRESE	1.00000	1.00000	0.00000	0.00000	0.00000	0.00000
AP	126	Residential Demand Sales Revenue	DPLTRESD	1.00000	1.00000	0.00000	0.00000	0.00000	0.00000
AP	127	GS Regular Sales Revenue	DPLTGSR	1.00000	0.00000	1.00000	0.00000	0.00000	0.00000
AP	128	GS Total Electric Sales Revenue	DPLTGSE	1.00000	0.00000	1.00000	0.00000	0.00000	0.00000
AP	129	GSL Secondary	DPLTGSLS	1.00000	0.00000	0.00000	1.00000	0.00000	0.00000
AP	130	GSL Primary	DPLTGSLP	1.00000	0.00000	0.00000	1.00000	0.00000	0.00000
AP	131								
AP	132								
AP	133								
AP	134	Total O&M less Fuel and Purchased Power	OMXFPP	1.00000	0.45334	0.27445	0.25198	0.00875	0.01148
AP	135	Supervised O&M Expense excluding CUS	OMXFPPT						
AP	136								
AP	137								
AP	138								

BLACK HILLS POWER, INC.
PRO FORMA CLASS COST OF SERVICE STUDY
PRO FORMA TEST YEAR ENDED SEPTEMBER 30, 2013

SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	TOTAL SOUTH DAKOTA	RESIDENTIAL SERVICE	GENERAL SERVICE	GS LARGE/ INDUSTRIAL CONTRACT	LIGHTING SERVICE	WATER PUMP IRRIGATION
		(a)	(b)	(c)	(d)	(e)	(h)	(i)	(j)
AP	139	**ALLOCATION PROPORTIONS TABLE CONTINUED**							
AP	140	**INTERNALLY DEVELOPED ALLOCATION FACTORS**							
AP	141	**Production Expense**							
AP	142	Account 500	OX_500	1.00000	0.38072	0.29720	0.30426	0.00582	0.01200
AP	143	Account 501	OX_501	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
AP	144	Account 502	OX_502	1.00000	0.38072	0.29720	0.30426	0.00582	0.01200
AP	145	Account 505	OX_505	1.00000	0.38072	0.29720	0.30426	0.00582	0.01200
AP	146	Account 506	OX_506	1.00000	0.38072	0.29720	0.30426	0.00582	0.01200
AP	147	Account 510	MX_510	1.00000	0.38072	0.29720	0.30426	0.00582	0.01200
AP	148	Account 511	MX_511	1.00000	0.38072	0.29720	0.30426	0.00582	0.01200
AP	149	Account 512	MX_512	1.00000	0.38072	0.29720	0.30426	0.00582	0.01200
AP	150	Account 513	MX_513	1.00000	0.38072	0.29720	0.30426	0.00582	0.01200
AP	151	Account 514	MX_514	1.00000	0.38072	0.29720	0.30426	0.00582	0.01200
AP	152	Account 546	OX_546	1.00000	0.38072	0.29720	0.30426	0.00582	0.01200
AP	153	Account 547	OX_547	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
AP	154	Account 548	OX_547	1.00000	0.38072	0.29720	0.30426	0.00582	0.01200
AP	155	Account 549	OX_549	1.00000	0.38072	0.29720	0.30426	0.00582	0.01200
AP	156	Account 551	MX_551	1.00000	0.38072	0.29720	0.30426	0.00582	0.01200
AP	157	Account 552	MX_552	1.00000	0.38072	0.29720	0.30426	0.00582	0.01200
AP	158	Account 553	MX_553	1.00000	0.38072	0.29720	0.30426	0.00582	0.01200
AP	159	Account 554	MX_554	1.00000	0.38072	0.29720	0.30426	0.00582	0.01200
AP	160	Account 556	OX_556	1.00000	0.38072	0.29720	0.30426	0.00582	0.01200
AP	161	Account 555	OX_555	1.00000	0.38072	0.29720	0.30426	0.00582	0.01200
AP	162	Account 557	OX_557	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
AP	163	O&M Expense Production Operation	OX_PROD	1.00000	0.38072	0.29720	0.30426	0.00582	0.01200
AP	164	O&M Expense Production Maintenance	MX_PROD	1.00000	0.38072	0.29720	0.30426	0.00582	0.01200
AP	165	Salaries and Wages Production Operation	SALWAGPO	1.00000	0.38072	0.29720	0.30426	0.00582	0.01200
AP	166	Salaries and Wages Production Maintenance	SALWAGPM	1.00000	0.38072	0.29720	0.30426	0.00582	0.01200
AP	167	**Transmission Expense**							
AP	168	Account 560	OX_560	1.00000	0.43119	0.26574	0.27805	0.00937	0.01565
AP	169	Account 561	OX_561	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
AP	170	Account 562	OX_562	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
AP	171	Account 563	OX_563	1.00000	0.43119	0.26574	0.27805	0.00937	0.01565
AP	172	Account 565	OX_565	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
AP	173	Account 566	OX_566	1.00000	0.43119	0.26574	0.27805	0.00937	0.01565
AP	174	Account 567	OX_567	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
AP	175	Account 568	MX_568	1.00000	0.43119	0.26574	0.27805	0.00937	0.01565
AP	176	Account 569	MX_569	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
AP	177	Account 570	MX_570	1.00000	0.43119	0.26574	0.27805	0.00937	0.01565
AP	178	Account 571	MX_571	1.00000	0.43119	0.26574	0.27805	0.00937	0.01565
AP	179	Account 573	MX_573	1.00000	0.43119	0.26574	0.27805	0.00937	0.01565
AP	180	O&M Accounts 561-567	OX_TRAN	1.00000	0.43119	0.26574	0.27805	0.00937	0.01565
AP	181	O&M Accounts 569-573	MX_TRAN	1.00000	0.43119	0.26574	0.27805	0.00937	0.01565
AP	182	Salaries & Wages Accounts 561-567	SALWAGTO	1.00000	0.43119	0.26574	0.27805	0.00937	0.01565
AP	183	Salaries & Wages Accounts 569-573	SALWAGTM	1.00000	0.43119	0.26574	0.27805	0.00937	0.01565
AP	184								

BLACK HILLS POWER, INC.
PRO FORMA CLASS COST OF SERVICE STUDY
PRO FORMA TEST YEAR ENDED SEPTEMBER 30, 2013

SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	TOTAL SOUTH DAKOTA	RESIDENTIAL SERVICE	GENERAL SERVICE	GS LARGE/ INDUSTRIAL CONTRACT	LIGHTING SERVICE	WATER PUMP IRRIGATION
		(a)	(b)	(c)	(d)	(e)	(h)	(i)	(j)
AP	185	**ALLOCATION PROPORTIONS TABLE CONTINUED**							
AP	186	**INTERNALLY DEVELOPED ALLOCATION FACTORS**							
AP	187	**Distribution Expense**							
AP	188	Account 580	OX_580	1.00000	0.52296	0.25833	0.19477	0.01168	0.01226
AP	189	Account 581	OX_581	1.00000	0.46611	0.26763	0.22950	0.02176	0.01500
AP	190	Account 582	OX_582	1.00000	0.43119	0.26574	0.27805	0.00937	0.01565
AP	191	Account 583	OX_583	1.00000	0.44048	0.27146	0.26250	0.00957	0.01598
AP	192	Account 584	OX_584	1.00000	0.45530	0.28059	0.23769	0.00990	0.01652
AP	193	Account 585	OX_585	1.00000	0.00000	0.00000	0.00000	1.00000	0.00000
AP	194	Account 586	OX_586	1.00000	0.71193	0.22701	0.05533	0.00230	0.00343
AP	195	Account 587	OX_587	1.00000	0.71193	0.22701	0.05533	0.00230	0.00343
AP	196	Account 588	OX_588	1.00000	0.46611	0.26763	0.22950	0.02176	0.01500
AP	197	Account 589	OX_589	1.00000	0.46611	0.26763	0.22950	0.02176	0.01500
AP	198	Account 590	MX_590	1.00000	0.44034	0.26764	0.25399	0.02245	0.01559
AP	199	Account 592	MX_592	1.00000	0.43119	0.26574	0.27805	0.00937	0.01565
AP	200	Account 593	MX_593	1.00000	0.44048	0.27146	0.26250	0.00957	0.01598
AP	201	Account 594	MX_594	1.00000	0.45530	0.28059	0.23769	0.00990	0.01652
AP	202	Account 595	MX_595	1.00000	0.48138	0.29666	0.19403	0.01046	0.01747
AP	203	Account 596	MX_596	1.00000	0.00000	0.00000	0.00000	1.00000	0.00000
AP	204	Account 597	MX_597	1.00000	0.71193	0.22701	0.05533	0.00230	0.00343
AP	205	Account 598	MX_598	1.00000	0.46611	0.26763	0.22950	0.02176	0.01500
AP	206	O&M Accounts 581-589	OX_DIST	1.00000	0.52296	0.25833	0.19477	0.01168	0.01226
AP	207	O&M Accounts 591-598	MX_DIST	1.00000	0.44034	0.26764	0.25399	0.02245	0.01559
AP	208	Salaries & Wages Accounts 581-589	SALWAGDO	1.00000	0.52296	0.25833	0.19477	0.01168	0.01226
AP	209	Salaries & Wages Accounts 591-598	SALWAGDM	1.00000	0.44034	0.26764	0.25399	0.02245	0.01559
AP	210								
AP	211	Account 902	OX_902	1.00000	0.80591	0.18085	0.00774	0.00224	0.00325
AP	212	Account 903	OX_903	1.00000	0.79974	0.17947	0.00769	0.00987	0.00323
AP	213	Account 904	OX_904	1.00000	0.93691	0.05894	0.00000	0.00415	0.00000
AP	214	O&M Accounts 902-905	OX_CA	1.00000	0.82553	0.15687	0.00625	0.00873	0.00262
AP	215	Salaries & Wages Accounts 902-905	SALWAGCA	1.00000	0.82553	0.15687	0.00625	0.00873	0.00262
AP	216								
AP	217	Account908	OX_908	1.00000	0.79974	0.17947	0.00769	0.00987	0.00323
AP	218	Account909	OX_909	1.00000	0.79974	0.17947	0.00769	0.00987	0.00323
AP	219	Account910	OX_910	1.00000	0.79974	0.17947	0.00769	0.00987	0.00323
AP	220	O&M Accounts 908-910	OX_CS	1.00000	0.79974	0.17947	0.00769	0.00987	0.00323
AP	221	Salaries & Wages Accounts 908-910	SALWAGCS	1.00000	0.79974	0.17947	0.00769	0.00987	0.00323
AP	222								
AP	223	Salaries & Wages Excluding Admin & Gen	SALWAGXAG	1.00000	0.46990	0.26954	0.24038	0.00892	0.01126
AP	224	Total Salaries and Wages Expense	SALWAGES	1.00000	0.46990	0.26954	0.24038	0.00892	0.01126
AP	225								
AP	226								
AP	227								
AP	228								
AP	229								
AP	230								

BLACK HILLS POWER, INC.
PRO FORMA CLASS COST OF SERVICE STUDY
PRO FORMA TEST YEAR ENDED SEPTEMBER 30, 2013

SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	TOTAL SOUTH DAKOTA	RESIDENTIAL SERVICE	GENERAL SERVICE	GS LARGE/ INDUSTRIAL CONTRACT	LIGHTING SERVICE	WATER PUMP IRRIGATION
		(a)	(b)	(c)	(d)	(e)	(h)	(i)	(j)
AP	231	**REVENUES AND BILLING DETERMINANTS**							
AP	232								
AP	233	Base Rate Sales Revenue	SALESREV	1.00000	0.39470	0.33823	0.24023	0.01371	0.01313
AP	234	Other Sales Revenue	SREVOTH	1.00000	0.00000	0.00000	0.00000	0.00000	1.00000
AP	235	Residential Regular Sales Revenue	SREVRESR	1.00000	1.00000	0.00000	0.00000	0.00000	0.00000
AP	236	Residential Total Electric Sales Revenue	SREVRESE	1.00000	1.00000	0.00000	0.00000	0.00000	0.00000
AP	237	Residential Total Electric Demand Sales Rev	SREVRESED	1.00000	1.00000	0.00000	0.00000	0.00000	0.00000
AP	238	GS Regular Sales Revenue	SREVSGSR	1.00000	0.00000	1.00000	0.00000	0.00000	0.00000
AP	239	GS Total Electric Sales Revenue	SREVSGSE	1.00000	0.00000	1.00000	0.00000	0.00000	0.00000
AP	240	GS Total Other Sales Revenue	SREVSGSO	1.00000	0.00000	1.00000	0.00000	0.00000	0.00000
AP	241	GSL Secondary	SREVGSLS	1.00000	0.00000	0.00000	1.00000	0.00000	0.00000
AP	242	GSL Primary	SREVGSLP	1.00000	0.00000	0.00000	1.00000	0.00000	0.00000
AP	243	GSL Other	SREVGSLO	1.00000	0.00000	0.00000	1.00000	0.00000	0.00000
AP	244	Traffic Signals & Flashers	SREVTSF	1.00000	0.00000	0.00000	0.00000	1.00000	0.00000
AP	245	Private Area Lighting Leased	SREVPAL	1.00000	0.00000	0.00000	0.00000	1.00000	0.00000
AP	246	Street Lighting Leased	SREVSL	1.00000	0.00000	0.00000	0.00000	1.00000	0.00000
AP	247	Street Lighting Energy & Maint Cust Owned	SREVSLEM	1.00000	0.00000	0.00000	0.00000	1.00000	0.00000
AP	248	Street Lighting Non-Metered Services/Rentals	SREVSLSR	1.00000	0.00000	0.00000	0.00000	1.00000	0.00000
AP	249								
AP	250	Claimed Rate Sales Revenue	CLAIMREV	1.00000	0.43718	0.27908	0.26148	0.00997	0.01229
AP	251								
AP	252	**PRESENT REVENUES FROM SALES INPUT**							
AP	253								
AP	254	Total Base Sales of Electricity Revenues		1.00000	0.39470	0.33823	0.24023	0.01371	0.01313
AP	255	Sales of Electricity Revenues		1.00000	0.38903	0.31936	0.26517	0.01286	0.01358
AP	256	Fuel Revenues		1.00000	0.34770	0.27073	0.35564	0.00958	0.01635
AP	257	Proforma Rate Increase Sales Revenues		1.00000	0.32724	0.38263	0.26069	0.01244	0.01700
AP	258								
AP	259								
AP	260								
AP	261								
AP	262								
AP	263								
AP	264								
AP	265								
AP	266								
AP	267								
AP	268								
AP	269								
AP	270								
AP	271								
AP	272								
AP	273								
AP	274								
AP	275								
AP	276								

BLACK HILLS POWER, INC.
PRO FORMA CLASS COST OF SERVICE STUDY
PRO FORMA TEST YEAR ENDED SEPTEMBER 30, 2013

SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	TOTAL SOUTH DAKOTA	RESIDENTIAL SERVICE	GENERAL SERVICE	GS LARGE/ INDUSTRIAL CONTRACT	LIGHTING SERVICE	WATER PUMP IRRIGATION
		(a)	(b)	(c)	(d)	(e)	(h)	(i)	(j)
ADA	1	**ALLOCATED DIRECT ASSIGNMENTS**							
ADA	2	**DIRECT ASSIGN TO CLASSES W/SALES REV FUNCTIONS**							
ADA	3								
ADA	4	**Write-Offs**							
ADA	5	Other Sales Revenue	SREVOTH	0	0	0	0	0	0
ADA	6	Residential Regular Sales Revenue	SREVRESR	406,675	406,675	0	0	0	0
ADA	7	Residential Total Electric Sales Revenue	SREVRESE	103,654	103,654	0	0	0	0
ADA	8	Residential - Demand	SREVRESED	16,603	16,603	0	0	0	0
ADA	9	GS Regular Sales Revenue	SREVSGSR	30,912	0	30,912	0	0	0
ADA	10	GS Total Electric Sales Revenue	SREVSGSE	2,178	0	2,178	0	0	0
ADA	11	GS Other	SREVSGSO	61	0	61	0	0	0
ADA	12	GSL Secondary	SREVGSLS	0	0	0	0	0	0
ADA	13	GSL Primary	SREVGSLP	0	0	0	0	0	0
ADA	14	Private Area Lighting Leased	SREVPAL	2,059	0	0	0	2,059	0
ADA	15	Street Lighting Leased	SREVSL	0	0	0	0	0	0
ADA	16	Street Lighting Energy & Maint Cust Owned	SREVSLEM	0	0	0	0	0	0
ADA	17	Street Lighting Non-Metered Services/Rentals	SREVSLSR	274	0	0	0	274	0
ADA	18	Total Write-Offs	EXP_904	562,416	526,932	33,151	0	2,333	0
ADA	19								
ADA	20	Total Write-Offs	EXP_904	1.00000	0.93691	0.05894	0.000000	0.00415	0.00000
ADA	21								
ADA	22	**Customer Advances for Construction**							
ADA	23	Other	DPLTOTH	7,712	0	0	0	0	7,712
ADA	24	Residential Regular	DPLTRESR	177,941	177,941	0	0	0	0
ADA	25	Residential Total Electric	DPLTRESE	20,375	20,375	0	0	0	0
ADA	26	Residential Electric Demand	DPLTRESD	18,981	18,981	0	0	0	0
ADA	27	GS Regular	DPLTGSR	474,629	0	474,629	0	0	0
ADA	28	GS Total Electric	DPLTGSE	20,901	0	20,901	0	0	0
ADA	29	GSL Secondary	DPLTGSLS	161,691	0	0	161,691	0	0
ADA	30	Traffic Signals & Flashers	PLT_3713	6,468	0	0	0	6,468	0
ADA	31								
ADA	32	Customer Advances for Construction	CUSTADV	888,699	217,297	495,530	161,691	6,468	7,712
ADA	33								
ADA	34	Customer Advances for Construction	CUSTADV	1.00000	0.24451	0.55759	0.181942	0.00728	0.00868
ADA	35								
ADA	36								
ADA	37								
ADA	38								
ADA	39								
ADA	40								
ADA	41								
ADA	42								
ADA	43								
ADA	44								
ADA	45								
ADA	46								

BLACK HILLS POWER, INC.
PRO FORMA CLASS COST OF SERVICE STUDY
PRO FORMA TEST YEAR ENDED SEPTEMBER 30, 2013

SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	TOTAL SOUTH DAKOTA	RESIDENTIAL SERVICE	GENERAL SERVICE	GS LARGE/ INDUSTRIAL CONTRACT	LIGHTING SERVICE	WATER PUMP IRRIGATION
		(a)	(b)	(c)	(d)	(e)	(h)	(i)	(j)
ADA	1	**ALLOCATED DIRECT ASSIGNMENTS**							
ADA	2	**DIRECT ASSIGN TO CLASSES W/SALES REV FUNCTIONS**							
ADA	3								
ADA	4	**DSM**							
ADA	5	Other Sales Revenue	SREVOTH	17,170	0	0	0	0	17,170
ADA	6	Residential Regular Sales Revenue	SREVRESR	279,448	279,448	0	0	0	0
ADA	7	Residential Total Electric Sales Revenue	SREVRESE	76,729	76,729	0	0	0	0
ADA	8	Residential - Demand	SREVRESED	78,004	78,004	0	0	0	0
ADA	9	GS Regular Sales Revenue	SREVSGSR	256,806	0	256,806	0	0	0
ADA	10	GS Total Electric Sales Revenue	SREVSGSE	28,070	0	28,070	0	0	0
ADA	11	GS Other	SREVSGSO	5,449	0	5,449	0	0	0
ADA	12	GSL Secondary	SREVGSLS	215,811	0	0	215,811	0	0
ADA	13	GSL Primary	SREVGSLP	0	0	0	0	0	0
ADA	14	Traffic Signals & Flashers	SREVTSF	519	0	0	0	519	0
ADA	15	Private Area Lighting Leased	SREVPAL	2,887	0	0	0	2,887	0
ADA	16	Street Lighting Leased	SREVSL	2,641	0	0	0	2,641	0
ADA	17	Street Lighting Energy & Maint Cust Owned	SREVSLEM	4,419	0	0	0	4,419	0
ADA	18	Street Lighting Non-Metered Services/Rentals	SREVSLSR	0	0	0	0	0	0
ADA	19	Total DSM	SREVDSM	967,955	434,181	290,326	215,811	10,468	17,170
ADA	20								
ADA	21	Total DSM	SREVDSM	1.00000	0.44856	0.29994	0.222955	0.01081	0.01774
ADA	22								
ADA	23								
ADA	24								
ADA	25								
ADA	26								
ADA	27								
ADA	28								
ADA	29								
ADA	30								
ADA	31								
ADA	32								
ADA	33								
ADA	34								
ADA	35								
ADA	36								
ADA	37								
ADA	38								
ADA	39								
ADA	40								
ADA	41								
ADA	42								
ADA	43								
ADA	44								
ADA	45								
ADA	46								

BLACK HILLS POWER, INC.
PRO FORMA CLASS COST OF SERVICE STUDY
PRO FORMA TEST YEAR ENDED SEPTEMBER 30, 2013

SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	TOTAL SOUTH DAKOTA	RESIDENTIAL SERVICE	GENERAL SERVICE	GS LARGE/ INDUSTRIAL CONTRACT	LIGHTING SERVICE	WATER PUMP IRRIGATION
		(a)	(b)	(c)	(d)	(e)	(h)	(i)	(j)
RRW	1	**REVENUE REQUIREMENTS**							
RRW	2								
RRW	3	PRESENT RATES							
RRW	4	----------							
RRW	5	RATE BASE		542,701,964	225,251,255	154,666,657	150,089,792	5,670,795	7,023,465
RRW	6	NET OPER INC (PRESENT RATES)		36,508,872	11,514,521	15,234,707	8,524,838	688,237	546,570
RRW	7	RATE OF RETURN (PRES RATES)		6.73%	5.11%	9.85%	5.68%	12.14%	7.78%
RRW	8	RELATIVE RATE OF RETURN		1.00	0.76	1.46	0.84	1.80	1.16
RRW	9	SALES REVENUE (PRE RATES)		124,169,353	49,009,989	41,997,396	29,828,727	1,702,416	1,630,824
RRW	10	REVENUE PRES RATES $/KWH		$0.0840	$0.0964	$0.1045	$0.0564	$0.1198	$0.0672
RRW	11	REVENUE REQUIRED - $/MO/CUST		$1,890.24	$934.41	$3,568.06	$59,108.11	$2,631.25	$5,132.86
RRW	12	SALES REV REQUIRED $/KW		$39.52	$114.94	$26.68	$27.79	$0.00	$24.05
RRW	13								
RRW	14	CLAIMED RATE OF RETURN							
RRW	15	----------							
RRW	16	CLAIMED RATE OF RETURN		8.48%	8.48%	8.48%	8.48%	8.48%	8.48%
RRW	17	RETURN REQ FOR CLAIMED ROR		46,021,127	19,101,306	13,115,733	12,727,614	480,883	595,590
RRW	18	SALES REVENUE REQ CLAIMED ROR		138,803,591	60,681,967	38,737,436	36,294,538	1,383,411	1,706,240
RRW	19	REVENUE DEFICIENCY SALES REV		14,634,238	11,671,978	(3,259,960)	6,465,811	(319,005)	75,415
RRW	20	PERCENT INCREASE REQUIRED		9.27%	19.26%	-6.37%	15.44%	-15.74%	3.45%
RRW	21	ANNUAL BOOKED KWH SALES		1,477,426,994	508,556,688	401,709,507	528,691,572	14,208,746	24,260,481
RRW	22	SALES REV REQUIRED $/KWH		$0.0939	$0.1193	$0.0964	$0.0686	$0.0974	$0.0703
RRW	23	REVENUE DEFICIENCY $/KWH		$0.0099	$0.0230	($0.0081)	$0.0122	($0.0225)	$0.0031
RRW	24								
RRW	25	PROPOSED REVENUES							
RRW	26	----------							
RRW	27	PROPOSED SALES REVENUES		138,803,636	55,546,653	45,733,753	33,896,966	1,851,073	1,775,191
RRW	28	REVENUE DEFICIENCY SALES REV		14,634,283	6,536,664	3,736,357	4,068,239	148,657	144,367
RRW	29	PERCENT INCREASE PROPOSED		9.27%	10.79%	7.30%	9.71%	7.34%	6.61%
RRW	30	PROPOSED RATE OF RETURN		8.48%	7.00%	11.42%	7.44%	13.84%	9.12%
RRW	31	RETURN REQ FOR PROPOSED REV		46,021,156	15,763,353	17,663,339	11,169,193	784,864	640,408
RRW	32	ANNUAL BOOKED KWH SALES		1,477,426,994	508,556,688	401,709,507	528,691,572	14,208,746	24,260,481
RRW	33	SALES REV REQUIRED $/KWH		$0.0939	$0.1092	$0.1138	$0.0641	$0.1303	$0.0732
RRW	34	REVENUE DEFICIENCY $/KWH		$0.0099	$0.0129	$0.0093	$0.0077	$0.0105	$0.0060
RRW	35								
RRW	36								
RRW	37								
RRW	38								
RRW	39								
RRW	40								
RRW	41								
RRW	42								
RRW	43								
RRW	44								
RRW	45								
RRW	46								