



Chris Kilpatrick
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April 11, 2014

Ms. Patricia Van Gerpen, Executive Director
South Dakota Public Utilities Commission
500 East Capitol Avenue
Pierre, SD 57501

RE: SD PUC Docket EL14-026
Update to the Black Hills Power Inc. South Dakota Rate Case

Dear Ms. Van Gerpen:

With this letter, Black Hills Power, Inc. (“Black Hills Power” or “Company”) hereby files with the Commission updates to certain pages that were filed in the Company’s Application in Docket EL14-026 (“Rate Case”). These updated pages will replace in their entirety, certain pages previously filed on March 31, 2014.

1. The documents submitted include:
 - Exhibit A - Revised Tariff Section No. 3, Sheet No. 11, No. 12 and No. 33 in clean and tracked changes to the present tariffs.
 - Exhibit B - Revised Section 3, page 1 of 3 in Volume I
 - Exhibit C - Revised pages 39, 40 and 41 of the Direct Testimony of Charles R. Gray
 - Exhibit D - Revised Exhibit CRG-8

All of the above Exhibits shall replace those same pages that were included in the Company’s Rate Case Application.

2. The proposed effective date of updated tariffs shall not change, and shall be October 1, 2014, which is the date proposed in the Company’s Rate Case Application.
3. A brief description of the proposed updates and the reasons for them are as follows:

The updated tariffs set forth in this filing represent a revision from the rates in the tariffs initially proposed for three rate IDs (SD721, SD731 and SD752). When Black Hills Power was preparing customer communication information using the initially proposed tariffs it was determined that at the three specific customer rate ID levels, the as-filed rate design resulted in unintended consequences for the limited number of customers within the identified rate IDs. The Company has determined that the tariffs for those three rate IDs should be revised so those rates are more consistent with the other proposed tariff rates included in the Company’s Rate Case Application. Approximately 250 of the Company’s 65,487 South Dakota customers fall within the three identified rate IDs. No other customers or rate IDs are affected by the revisions set forth in this filing.

The updated tariffs set forth in this filing are in-line with the Direct Testimony of Kyle White filed in the Company’s Rate Case, and specifically, the updates are consistent with the principles of fair and consistent rates.

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4. Other information:

Notice of the Rate Case filing will be included in the customer bills that will be mailed commencing April 14, 2014. Accordingly, the documents on file in the Rate Case, including the updates set forth herein, will allow Customers the ability to analyze the impact of the Rate Case on their respective bills.

Sincerely,



Chris Kilpatrick
Director of Regulatory

EXHIBIT A



SOUTH DAKOTA ELECTRIC RATE BOOK

GENERAL SERVICE - LARGE
RATE DESIGNATION - GL
Page 1 of 3

Section No. 3
Fourteenth Revised Sheet No. 11
Replaces Thirteenth Revised Sheet No. 11

GENERAL SERVICE - LARGE

AVAILABLE

At points on the Company’s existing transmission and distribution facilities supplied by its interconnected transmission system, within Butte, Custer, Fall River, Lawrence, Meade, and Pennington Counties of South Dakota.

APPLICABLE

To large power users for their entire electric service requirements supplied at one point of delivery and who agree to a Billing Capacity of 125 kilovolt-amperes (kVA) or more. This schedule is not applicable for temporary, standby, supplementary, emergency, resale, or shared service.

CHARACTER OF SERVICE

Alternating current, 60 hertz, three phase, at the Customer’s service voltage (less than 69,000 volts) or secondary voltage (480 volts or below). (N)
(N)

NET MONTHLY BILL

Primary Service: (SD731) (N)

Rate

Capacity Charge – On-Peak

\$2,000.00 for the first 125 kVA or less of Billing Capacity (I)

\$ 10.50 for each additional kVA of Billing Capacity (I)

Capacity Charge – Off-Peak

Customers having a Contract Capacity of 250 kVA or greater may elect to receive Off-Peak Service of up to 1.5 times their Billing Capacity at no additional capacity charge above the On-Peak Capacity Charge. Off-Peak Service greater than 1.5 times Billing Capacity will be charged at regular rates and applied in determination of Billing Capacity.

Energy Charge

\$0.04332 per kWh for the first 50,000 kWh (I)

\$0.04187 per kWh for the next 450,000 kWh (I)

\$0.03661 per kWh for each additional kWh (I)

Minimum (I)

The Capacity Charge but not less than \$2.79 per kVA times the highest Billing Capacity applicable in the twelve months ending with and including the current month, plus any tax adjustment.



SOUTH DAKOTA ELECTRIC RATE BOOK

GENERAL SERVICE - LARGE
RATE DESIGNATION - GL
Page 2 of 3

Section No. 3
Thirteenth Revised Sheet No. 12
Replaces Twelfth Revised Sheet No. 12

GENERAL SERVICE - LARGE

Secondary Service: (SD721)

(N)

Rate

Capacity Charge – On-Peak

\$2,000.00 for the first 125 kVA or less of Billing Capacity
\$ 12.00 for each additional kVA of Billing Capacity

Capacity Charge – Off-Peak

Customers having a Contract Capacity of 250 kVA or greater may elect to receive Off-Peak Service of up to 1.5 times their Billing Capacity at no additional capacity charge above the On-Peak Capacity Charge. Off-Peak Service greater than 1.5 times Billing Capacity will be charged at regular rates and applied in determination of Billing Capacity.

Energy Charge

\$0.04332 per kWh for the first 50,000 kWh
\$0.04187 per kWh for the next 450,000 kWh
\$0.03661 per kWh for each additional kWh

Minimum

The Capacity Charge but not less than \$2.79 per kVA times the highest Billing Capacity applicable in the twelve months ending with and including the current month, plus any tax adjustment.

BILLING CAPACITY

The Billing Capacity in any month shall be the highest of the following:

- a. The kilovolt-ampere (kVA) load during the fifteen-minute period of maximum use during the month determined by dividing the maximum capacity in kilowatts (kW) by the power factor.
- b. Eighty percent of the highest Billing Capacity in any of the preceding eleven months.
- c. Eighty percent of the Contract Capacity as stated in the Electric Service Agreement.

The power factor will be determined at the Company's option by a test of not less than fifteen-minute duration under conditions which the Company determines to be normal or by permanent measurement. The power factor is defined to be the quotient obtained by dividing the kilowatt-hours used during the test period by the square root of the sum of the squares of the kilowatt-hours used and the lagging reactive kilovolt-ampere-hours supplied during the same period. Any leading kilovolt-ampere-hours supplied during the period will not be considered.

Should the customer's measured Billing Capacity exceed the current Contract Capacity during three (3) or more billing months in any calendar year, a new Contract Capacity equal to the average of the three (3) highest measured Billing Capacities during the year will be established and the customer will be notified in writing prior to implementation.



SOUTH DAKOTA ELECTRIC RATE BOOK

GENERAL SERVICE - LARGE
RATE DESIGNATION - GLC
Page 1 of 3

Section No. 3
Fifth Revised Sheet No. 33
Replaces Fourth Revised Sheet No. 33

GENERAL SERVICE – LARGE
(Optional Combined Account Billing)

AVAILABLE

At points on the Company’s existing transmission and distribution facilities supplied by its interconnected transmission system within Butte, Custer, Fall River, Lawrence, Meade, and Pennington Counties of South Dakota.

APPLICABLE

To any single natural person, partnership, limited liability company, corporation, or controlled group of corporations as defined in 26 U.S.C. § 1563(a) (“Single Customer”), which Single Customer has multiple accounts at multiple service locations. Each Single Customer account currently billed on Company’s General Service Large rate tariff must be converted to the Combined Account Billing tariff. Single Customer accounts approaching a size and character that would qualify for Company’s General Service Large rate tariff will be considered by the Company for Combined Account Billing on a case-by-case basis. Single Customer’s energy use (kWh), reactive energy use (kVARh), and peak demand (kW), for each service will be added together and the combined totals will be used in calculating the Single Customer’s electric bill. This schedule is not applicable for temporary, standby, supplementary, emergency, resale, or shared service.

(N)
(N)

CHARACTER OF SERVICE

Alternating current, 60 hertz, three phase, at a single standard utilization voltage most available at each service location of the customer.

NET MONTHLY BILL

Rate

Service Charge

\$105.40 per service location

(I)

Capacity Charge

\$2,000.00 for the first 125 kVA or less of Billing Capacity

\$ 12.00 for each additional kVA of Billing Capacity

(I)
(I)

Energy Charge

\$0.04332 per kWh for the first 50,000 kWh

\$0.04187 per kWh for the next 450,000 kWh

\$0.03661 per kWh for each additional kWh

(I)
(I)
(I)

Minimum

The Service Charge plus the Capacity Charge



SOUTH DAKOTA ELECTRIC RATE BOOK

GENERAL SERVICE - LARGE
RATE DESIGNATION - GL
Page 1 of 3

Section No. 3
~~Thirteenth~~ [Fourteenth](#) Revised Sheet No. 11
Replaces ~~Twelfth~~ [Thirteenth](#) Revised Sheet No. 11

GENERAL SERVICE - LARGE

AVAILABLE

At points on the Company's existing transmission and distribution facilities supplied by its interconnected transmission system, within Butte, Custer, Fall River, Lawrence, Meade, and Pennington Counties of South Dakota.

APPLICABLE

To large power users for their entire electric service requirements supplied at one point of delivery and who agree to a Billing Capacity of 125 kilovolt-amperes (kVA) or more. This schedule is not applicable for temporary, standby, supplementary, emergency, resale, or shared service.

CHARACTER OF SERVICE

Alternating current, 60 hertz, three phase, at ~~a single standard utilization voltage most available to the location of the customer.~~ [the Customer's service voltage \(less than 69,000 volts\) or secondary voltage \(480 volts or below\).](#)

(D)
(N)
(N)

NET MONTHLY BILL

Primary Service: [\(SD731\)](#)

(N)

Rate

Capacity Charge – On-Peak

~~\$1,350.00~~ [2,000.00](#) for the first 125 kVA or less of Billing Capacity
\$ ~~8.6262~~ [10.50](#) for each additional kVA of Billing Capacity

(I)
(I)

Capacity Charge – Off-Peak

Customers having a Contract Capacity of 250 kVA or greater may elect to receive Off-Peak Service of up to 1.5 times their Billing Capacity at no additional capacity charge above the On-Peak Capacity Charge. Off-Peak Service greater than 1.5 times Billing Capacity will be charged at regular rates and applied in determination of Billing Capacity.

Energy Charge

~~\$0.0386~~ [20.04332](#) per kWh for the first 50,000 kWh
~~\$0.0372~~ [10.04187](#) per kWh for the next 450,000 kWh
~~\$0.0321~~ [0.03661](#) per kWh for each additional kWh

(I)
(I)
(I)

Minimum

The Capacity Charge but not less than ~~\$2,442.79~~ per kVA times the highest Billing Capacity applicable in the twelve months ending with and including the current month, plus any tax adjustment.

(I)



SOUTH DAKOTA ELECTRIC RATE BOOK

GENERAL SERVICE - LARGE
RATE DESIGNATION - GL
Page 2 of 3

Section No. 3
~~Twelfth~~-[Thirteenth](#) Revised Sheet No. 12
Replaces ~~Eleventh~~-[Twelfth](#) Revised Sheet No. 12

GENERAL SERVICE - LARGE

Secondary Service: ([SD721](#))

(N)

Rate

Capacity Charge – On-Peak

\$2,000.00 for the first 125 kVA or less of Billing Capacity

\$ 12.00 for each additional kVA of Billing Capacity

Capacity Charge – Off-Peak

Customers having a Contract Capacity of 250 kVA or greater may elect to receive Off-Peak Service of up to 1.5 times their Billing Capacity at no additional capacity charge above the On-Peak Capacity Charge. Off-Peak Service greater than 1.5 times Billing Capacity will be charged at regular rates and applied in determination of Billing Capacity.

Energy Charge

\$0.04332 per kWh for the first 50,000 kWh

\$0.04187 per kWh for the next 450,000 kWh

\$0.03661 per kWh for each additional kWh

Minimum

The Capacity Charge but not less than \$2.79 per kVA times the highest Billing Capacity applicable in the twelve months ending with and including the current month, plus any tax adjustment.

BILLING CAPACITY

The Billing Capacity in any month shall be the highest of the following:

- a. The kilovolt-ampere (kVA) load during the fifteen-minute period of maximum use during the month determined by dividing the maximum capacity in kilowatts (kW) by the power factor.
- b. Eighty percent of the highest Billing Capacity in any of the preceding eleven months.
- c. Eighty percent of the Contract Capacity as stated in the Electric Service Agreement.

The power factor will be determined at the Company's option by a test of not less than fifteen-minute duration under conditions which the Company determines to be normal or by permanent measurement. The power factor is defined to be the quotient obtained by dividing the kilowatt-hours used during the test period by the square root of the sum of the squares of the kilowatt-hours used and the lagging reactive kilovolt-ampere-hours supplied during the same period. Any leading kilovolt-ampere-hours supplied during the period will not be considered.

Should the customer's measured Billing Capacity exceed the current Contract Capacity during three (3) or more billing months in any calendar year, a new Contract Capacity equal to the average of the three (3) highest measured Billing Capacities during the year will be established and the customer will be notified in writing prior to implementation.

(D)

SUBSTATION OWNERSHIP DISCOUNT



Black Hills Power, Inc.
Rapid City, South Dakota

Rate Codes 21 and 30 ([SD721](#), [SD731](#))

~~Customers who furnish and maintain a transformer substation with controlling and protective equipment, with the exception of metering equipment, for the purpose of transforming service from the Company's most available 69 kV distribution facilities or primary distribution voltage (2,400 volts to 24,900 volts) to the customer's utilization voltages, shall receive a monthly credit of \$0.30 per kVA of Billing Capacity for 69 kV distribution facilities and \$0.18 per kVA of Billing Capacity for primary distribution service.~~

Date Filed: ~~September 30, 2009~~
[March 31, 2014](#)
Docket: ~~EL09-018~~[EL14-](#)

By: Chris Kilpatrick
Director of Rates

Effective Date: ~~April 1, 2010~~
[October 1, 2014](#)

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SOUTH DAKOTA ELECTRIC RATE BOOK

GENERAL SERVICE - LARGE
RATE DESIGNATION - GLC
Page 1 of 3

Section No. 3
Replaces ~~Fourth~~ Fifth Revised Sheet No. 33
~~Third~~ Fourth Revised Sheet No. 33

GENERAL SERVICE – LARGE (Optional Combined Account Billing)

AVAILABLE

At points on the Company’s existing transmission and distribution facilities supplied by its interconnected transmission system within Butte, Custer, Fall River, Lawrence, Meade, and Pennington Counties of South Dakota.

APPLICABLE

To any single natural person, partnership, limited liability company, corporation, or controlled group of corporations as defined in 26 U.S.C. § 1563(a) (“Single Customer”), which Single Customer has multiple accounts at multiple service locations. Each Single Customer account currently billed on Company’s General Service Large rate tariff must be converted to the Combined Account Billing tariff. Single Customer accounts approaching a size and character that would qualify for Company’s General Service Large rate tariff will be considered by the Company for Combined Account Billing on a case-by-case basis. Single Customer’s energy use (kWh), reactive energy use (kVARh), and peak demand (kW), for each service will be added together and the combined totals will be used in calculating the Single Customer’s electric bill. ~~Each service location must have an average minimum monthly demand of 70 kVA during the previous 12 month period to qualify for the rate.~~ This schedule is not applicable for temporary, standby, supplementary, emergency, resale, or shared service.

(N)
(N)

(C)
(C)

CHARACTER OF SERVICE

Alternating current, 60 hertz, three phase, at a single standard utilization voltage most available at each service location of the customer.

NET MONTHLY BILL

Rate

Service Charge

~~\$92.35~~ 105.40 per service location

(I)

Capacity Charge

~~\$1,350.00~~ 2,000.00 for the first 125 kVA or less of Billing Capacity

\$ ~~8.62~~ 6212.00 for each additional kVA of Billing Capacity

(I)

(I)

Energy Charge

~~\$0.03862~~ 0.04332 per kWh for the first 50,000 kWh

~~\$0.03724~~ 0.04187 per kWh for the next 450,000 kWh

~~\$0.03240~~ 0.03661 per kWh for each additional kWh

(I)

(I)

(I)

Minimum

The Service Charge plus the Capacity Charge

EXHIBIT B

BLACK HILLS POWER, INC.
COMPARISON OF REVENUE FROM SALES
UNDER PRO FORMA AND PROPOSED RATES
FOR THE TEST YEAR ENDED SEPTEMBER 30, 2013

Section 3
Page 1 of 3
4/11/2014

LINE NO.	RESIDENTIAL SERVICE	TARIFF SCHEDULE	RATE IDS	REVENUE FROM SALES				AVERAGE NUMBER OF CUSTOMERS	
				kWh	PRO FORMA RATES	PROPOSED RATES	PROPOSED INCREASE AMOUNT		% INCREASE
1	Residential	Sect 3, 1-2	SD710, SD875	328,835,952	\$ 42,956,794	\$ 47,975,480	\$ 5,018,686	11.68%	42,144
2	Residential Total Electric	Sect 3, 3-4	SD712, SD876	88,923,685	\$ 9,450,758	\$ 10,108,103	657,345	6.96%	6,725
3	Residential Demand Metered	Sect 3A, 1-3	SD714, SD716, SD887	90,666,049	\$ 8,137,939	\$ 8,998,136	860,197	10.57%	3,579
4	Utility Controlled Residential (Closed)	Sect 3A, 4-5	SD717	131,002	\$ 8,735	\$ 9,274	539	6.17%	3
5	TOTAL Residential Service			508,556,688	\$ 60,554,226	\$ 67,090,992	\$ 6,536,767	10.79%	52,450
6									
7									
8	SMALL GENERAL SERVICE								
9	General Service	Sect 3, 7-8	SD720, SD770, SD878	356,168,400	\$ 46,242,061	\$ 49,662,738	3,420,676	7.40%	10,841
10	General Service - Total Electric	Sect 3, 9-10	SD723, SD703	38,153,493	\$ 4,314,389	\$ 4,614,629	300,240	6.96%	882
11	Irrigation Pumping	Sect 3, 19-20	SD726	887,365	\$ 119,166	\$ 126,457	7,290	6.12%	18
12	Utility Controlled General Service (Closed)	Sect 3A, 11-12	SD727	2,375,455	\$ 166,068	\$ 178,024	11,957	7.20%	24
13	Energy Storage Service	Sect 3A, 6-10	SD755	4,800,579	\$ 374,486	\$ 402,899	28,412	7.59%	20
14	Municipal Pumping Service	Sect 3, 24-25	SD743	23,373,116	\$ 2,062,417	\$ 2,199,447	137,030	6.64%	98
15	Small Interruptible General Service (Closed)	Sect 3A, 18-20	SD750	211,580	\$ 19,185	\$ 20,454	1,269	6.62%	4
16	TOTAL Small General Service			425,969,988	\$ 53,297,772	\$ 57,204,647	\$ 3,906,875	7.33%	11,886
17									
18									
19	LIGHTING SERVICE								
20	Public or Private Area Lighting	Sect 3, 16-18	SDA24, SDB24, SDC24	3,937,907	\$ 611,640	\$ 657,807	46,167	7.55%	404
21	Street Lighting Service-Company Owned	Sect 3, 21-23	SD840	3,577,040	\$ 794,414	\$ 857,462	63,048	7.94%	20
22	Street Lighting Service-Customer Owned	Sect 3, 21-23	SD841, SD741	5,987,037	\$ 482,114	\$ 512,718	30,605	6.35%	18
23	Traffic Signals	Sect 3, 26-27	SD742	706,762	\$ 78,092	\$ 86,681	8,589	11.00%	146
24	Rental/Facilities	Sect 3, 22	SD798/SD799	-	\$ 58,943	\$ 58,943	-	0.00%	59
25	TOTAL Lighting Service			14,208,746	\$ 2,025,202	\$ 2,173,611	\$ 148,409	7.33%	647
26									
27									
28	LARGE GENERAL SERVICE & INDUSTRIAL								
29	General Service - Large (69 kV)	Sect 3, 11-13	SD771	20,550,893	\$ 1,479,881	\$ 1,580,023	100,142	6.77%	1
30	General Service - Large (Primary and Secondary)	Sect 3, 11-13	SD721, SD731	125,655,017	\$ 11,675,799	\$ 12,992,892	1,317,093	11.28%	108
31	General Service - Large (Optional Combined Account Billing)	Sect 3, 33-35	SD752, SD772, SD775	199,897,157	\$ 17,420,507	\$ 19,072,748	1,652,241	9.48%	150
32	Large Demand Curtailable Service	Sect 3A, 13-17	SD722	998,721	\$ 71,582	\$ 78,447	6,865	9.59%	242
33	Industrial Contract Service (69 kV)	Sect 3, 14-15	SD761	96,403,799	\$ 5,336,167	\$ 5,782,101	445,934	8.36%	1
34	Forest Products Service - Primary	Sect 3, 36-39	SD764, SD774	74,131,937	\$ 4,941,885	\$ 5,398,335	456,450	9.24%	2
35	Forest Products Service - Secondary	Sect 3, 36-39	SD765	11,054,048	\$ 898,866	\$ 967,759	68,894	7.66%	1
36	TOTAL Large General Service & Industrial			528,691,572	\$ 41,824,686	\$ 45,872,305	\$ 4,047,619	9.68%	505
37									
38									
39	TOTAL SOUTH DAKOTA REVENUE FROM SALES			1,477,426,994	\$ 157,701,886	\$ 172,341,555	\$ 14,639,670	9.28%	65,487

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EXHIBIT C

1 **IX. PROPOSED CHANGES TO TARIFFS**

2 **Q. ARE ANY RATE STRUCTURES ON EXISTING TARIFFS BEING**
3 **MODIFIED OR ELIMINATED?**

4 A. Yes. Black Hills Power has reviewed its tariffs and has proposed several
5 refinements to the General Service and Forest Products Service tariff options. The
6 current rate structures for these tariffs have multiple billing steps based on
7 differing levels in the demand charge and also in the energy charge. Our proposal
8 is to reduce the number of steps from three to two in order to allow for a more
9 simplified bill calculation as well as the elimination of some inter-class subsidies
10 from the larger users to the smaller users on the same tariff.

11 Additionally, the enhanced capabilities of the AMI meters provide Black Hills
12 Power with complete and accurate demand readings from all of its General Service
13 customers not possible with the prior General Service meters used for billing. The
14 history behind the first demand billing bucket, 0 – 5 kW, originated out of the
15 smaller General Service customers having a non-demand watt hour meter. Their
16 previous electric meter did not register demand, only kilowatt hours consumed, the
17 same as with regular residential meters. As evidenced on Exhibit CRG-6, Pro
18 Forma billing determinants on current rates, almost 30% of the total kW measured
19 for General Service (Rate ID SD720) currently goes uncharged. To recover the
20 appropriate demand dollars, a larger charge per billed kW is necessary to achieve
21 the desired revenues. With the roll out of the new AMI meters, all customer

1 meters now register both energy (kWh) and demand (kW) for the billing period.
2 As accurate demand readings are now recorded in the billing system, the actual
3 metered demand for all general service customers can be billed appropriately. The
4 proposed rates have consolidated the 0- 5 kW demand bucket with the 5- 50 kW
5 bucket. In rate design process, by billing for all demand from all General Service
6 customers, the proposed rates offer a lower charge per kW for the customers
7 falling in the 5 -50 kW demand level than might ordinarily occur if the current
8 pricing structure was retained. The over 50 kW bucket is retained for the largest
9 users at this time. Further, the Company is proposing to consolidate the current
10 four step energy charges into a two step energy charge, 0 - 3000 kWh in bucket
11 one and all remaining kWh in bucket two.

12 The modification to the Forest Products Service tariff utilizes the same concept of
13 consolidation as the General Service tariff. The three step demand charge will be
14 consolidated into a two part demand charge, the first bucket of 0 -5,000 kVA and
15 second bucket of all excess kVA. The three step energy charge calculation will
16 become a two step charge, the first 800,000 kWh in the first bucket and excess
17 kWh in the second bucket. These modifications will provide the pricing break at
18 the 55% load factor level.

19 Black Hills Power believes these modifications will provide appropriate price
20 signals to customers to encourage optimum use of supply sources by promoting
21 desirable load characteristics, provide tariffs that are easy for customers to

1 understand, provide for ease of administration while avoiding undue
2 discrimination between customer classes and individual customers within each
3 class.

4 **X. PROPOSED TARIFFS**

5 **Q. PLEASE DESCRIBE THE PROPOSED TARIFFS.**

6 A. The tariff sheets are updated to reflect the new rates provided in Exhibit CRG-8.
7 The tariff sheets have been provided in legislative and non-legislative format in
8 Section 2.

9 **XI. CONCLUSION**

10 **Q. DO THE PROPOSED RATES INCORPORATE THE**
11 **RECOMMENDATIONS FROM THE CCOSS AND ALLOW BLACK**
12 **HILLS POWER THE OPPORTUNITY TO COLLECT THE ADDITIONAL**
13 **REVENUE REQUIREMENT OF \$14,634,238?**

14 A. Yes. These proposed rates will allow Black Hills Power the opportunity to
15 recover the allowed revenue requirement level.

EXHIBIT D
PUBLIC

Pro Forma Billing Determinants on Proposed Rates

CRG-8
4/11/2014

360						
361						
362						
363	Energy Efficiency Adjust				\$	361
364						
365	Energy Charge					
366	All Year - Bucket 1	First 1,000 kWh	269,419	\$	0.08856	\$ 23,860
367	All Year - Bucket 1	Next 2,000 kWh	221,930	\$	0.08856	\$ 19,654
368	All Year - Bucket 2	Next 12,000 kWh	293,432	\$	0.07156	\$ 20,998
369	All Year - Bucket 2	All additional kWh	34,520	\$	0.07156	\$ 2,470
370		Total per Tariff sheet	<u>819,301</u>			<u>\$ 144,924</u>
371						
372						
373	SGS - Net Billing (SD720)					
374	Section 3B, Sheet No.4					SD878
375						
376	Customer Charge					
377	All Year		97	\$	12.50	\$ 1,216
378						
379	Capacity Charge					
380	All Year - Bucket 1	First 5 kW	327	\$	8.50	\$ 2,777
381	All Year - Bucket 1	Next 45 kW	459	\$	8.50	\$ 3,903
382	All Year - Bucket 2	Additional kW	14	\$	8.00	\$ 112
383			<u>800</u>			
384						
385						
386						
387	Energy Efficiency Adjust					\$ 75
388						
389	Energy Charge					
390	All Year - Bucket 1	First 1,000 kWh	45,368	\$	0.08856	\$ 4,018
391	All Year - Bucket 1	Next 2,000 kWh	46,071	\$	0.08856	\$ 4,080
392	All Year - Bucket 2	Next 12,000 kWh	10,900	\$	0.07156	\$ 780
393	All Year - Bucket 2	All additional kWh	-	\$	0.07156	\$ -
394		Total per Tariff sheet	<u>102,339</u>			<u>\$ 16,962</u>
395						
396						
397						
398						
399	General Service Large - Secondary Service					
400	Section 3, Sheet No.11					SD721
401						
402	Capacity Charge					
403	All Year	On-Peak - First 125 kVa	1,230	\$	2,000.00	\$ 2,460,000
404	All Year	On-Peak - Each Addl kVa	137,527	\$	12.00	\$ 1,650,325
405	All Year	Off-Peak - >250 kVa - no charge	-	\$	-	\$ -
406	All Year	Off-Peak - 1.5x Billing Capacity	-	\$	12.00	\$ -
407						
408						
409						
410						
411	Energy Efficiency Adjust					\$ 90,819
412						
413	Substation Lease					\$ -
414						
415	Energy Charge					
416	All Year - Bucket 1	First 50,000 kWh	56,128,845	\$	0.04332	\$ 2,431,502
417	All Year - Bucket 2	Next 450,000 kWh	41,544,430	\$	0.04187	\$ 1,739,465
418	All Year - Bucket 2	All additional kWh	379,700	\$	0.03661	\$ 13,901
419		Total per Tariff sheet	<u>98,052,975</u>			<u>\$ 8,386,012</u>
420						
421						
422	General Service Large - Primary Service					
423	Section 3, Sheet No.11					SD731
424						
425	Capacity Charge					
426	All Year	On-Peak - First 125 kVa	60	\$	2,000.00	\$ 120,000
427	All Year	On-Peak - Each Addl kVa	52,650	\$	10.50	\$ 552,827
428	All Year	Off-Peak - >250 kVa - no charge	-	\$	-	\$ -
429	All Year	Off-Peak - 1.5x Billing Capacity	-	\$	10.50	\$ -
430						
431						
432						
433						
434	Energy Efficiency Adjust					\$ -
435						
436	Substation Lease					\$ -
437						
438	Energy Charge					
439	All Year - Bucket 1	First 50,000 kWh	3,000,000	\$	0.04332	\$ 129,960
440	All Year - Bucket 2	Next 450,000 kWh	9,704,042	\$	0.04187	\$ 406,308
441	All Year - Bucket 2	All additional kWh	14,898,000	\$	0.03661	\$ 545,416
442		Total per Tariff sheet	<u>27,602,042</u>			<u>\$ 1,754,511</u>
443						
444						
445	General Service Large - Large Demand Curtailable Service (Closed)					
446	Section 3A, Sheet No. 13					SD722
447						
448	Capacity Charge					
449	All Year	Per kVA	2,902	\$	13.41	\$ 38,911
450						
451						

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452	Row No.					
453						
454		Energy Efficiency Adjust		\$		725
455						
456		Curtailable Load Credit	2,902	\$	(7.24)	\$ (21,012)
457		Energy Charge				
458		All Year	All kWh	998,721	\$ 0.03720	\$ 37,152
459			Total per Tariff sheet	<u>998,721</u>		<u>\$ 55,776</u>
460						
461						
462		General Service Large - Secondary Service - Combined Billing				
463		Section 3, Sheet No. 33				SD752
464						
465		Service Charge				
466		Per Location		1,732	\$ 105.40	\$ 182,557
467						
468		Capacity Charge				
469		All Year	First 125 kVa	499	\$ 2,000.00	\$ 998,000
470		All Year	Each Addl kVA	360,830	\$ 12.00	\$ 4,329,958
471						
472						
473						
474						
475		Energy Efficiency Adjust				\$ 111,255
476						
477		Phone Charge/Equipment Rental				\$ 4,019
478						
479		Energy Charge				
480		All Year - Bucket 1	First 50,000 kWh	24,779,800	\$ 0.04332	\$ 1,073,461
481		All Year - Bucket 2	Next 450,000 kWh	90,013,259	\$ 0.04187	\$ 3,768,855
482		All Year - Bucket 2	All additional kWh	39,078,591	\$ 0.03661	\$ 1,430,667
483			Total per Tariff sheet	<u>153,871,650</u>		<u>\$ 11,898,772</u>
484						
485						
486		General Service Large - Combined Billing-Special Contract				
487		Section 3, Sheet No. 33				
488						
489		Service Charge				
490		Per Location				
491						
492		Capacity Charge				
493		All Year	First 125 kVa			
494		All Year	Each Addl kVA			
495						
496						
497						
498						
499		Energy Efficiency Adjust				
500						
501						
502						
503		Energy Charge				
504		All Year - Bucket 1	First 50,000 kWh			
505		All Year - Bucket 2	Next 450,000 kWh			
506		All Year - Bucket 2	All additional kWh			
507			Total per Tariff sheet			
508						
509						
510		Large Power Contract Service - Secondary Service - Combined Billing				
511		Section 3, Sheet No. 31	Special Contract			
512						
513		Service Charge				
514		Flat Monthly Charge				
515						
516		Capacity Charge				
517		All Year	Peak Monthly kVa			
518		All Year	Billed Contract kVA			
519						
520						
521						
522						
523		Energy Efficiency Adjust				
524						
525						
526						
527		Energy Charge				
528		All Year - Bucket 1	First 3,000,000 kWh			
529		All Year - Bucket 2	All additional kWh			
530			Total per Tariff sheet			
531						
532						
533						
534						
535						
536		Special Contract - Industrial 69 kV Service				
537		Section 3, Sheet No. 14				
538						
539		Capacity Charge				
540		All Year	On Peak			
541						
542						
543						