



SOUTH DAKOTA ELECTRIC RATE BOOK

FUEL AND PURCHASED POWER ADJUSTMENT

Section No. 3C
Original Sheet No. 12

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FUEL AND PURCHASED POWER ADJUSTMENT

(N)

APPLICABLE

This Fuel and Purchased Power Adjustment (FPPA) applies to all rate schedules for all classes of service authorized by the South Dakota Public Utilities Commission (Commission).

The FPPA shall be calculated annually based on actual system costs for Fuel and Purchased Power (FPP) for the twelve months of April through March as compared to the base year FPP costs, and shall include an over-or-under recovery from prior years' adjustments through the Balancing Account. Black Hills Power, Inc. (the Company) will update and make a FPPA filing with the Commission on an annual basis no later than May 10th.

FUEL AND PURCHASED POWER ADJUSTMENT CALCULATION

1.	Annual System FPP Costs	\$ _____
2.	Annual System Energy Sales	_____ kWh
3.	FPP Cost / kWh (Line 1 ÷ Line 2)	\$ _____/kWh
4.	Approved Base FPP Costs	\$ <u>0.0146</u> /kWh
5.	FPP Cost / kWh Difference (Line 3 – Line 4)	\$ _____/kWh
6.	Total FPP Change from Base (Line 2 x Line 5)	\$ _____
7.	South Dakota Annual Retail Energy Sales	_____ kWh
8.	Total SD (Refund)/Charge (Line 5 x Line 7)	\$ _____
9.	SD Balancing Account (+/-)	\$ _____
10.	SD Surplus Energy Phase-out	\$ _____
11.	Net SD Amount to (Refund)/Charge (Line 8 + Line 9 + Line 10)	\$ _____
12.	Projected South Dakota Retail Energy Sales	_____ kWh
13.	SD FPPA (Line 11 ÷ Line 12)	\$ _____/kWh



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ANNUAL SYSTEM FUEL AND PURCHASED POWER (FPP) COSTS (Line 1)

FPP Costs include all purchased power; fuel consumed for plant generation, including but not limited to coal, fuel oil and natural gas; less costs associated with Power Marketing; and a sharing of Power Marketing Operating Income. The Annual System FPP Costs shall be calculated on an annual basis using the total of:

- a. Total fuel costs of the Company's generation for items listed in the Federal Energy Regulatory Commission's (FERC) Accounts: 501 for Fuel and 547 for Other Power Production, as well as any other costs of fuel consumed to generate electricity not listed in these two accounts. The base price for coal, included in this cost, is determined in accordance with the methodology set forth in the Statement R of the Company's 2005 rate application Docket Number EL06-019;
- b. The costs of all energy purchases listed under FERC account 555;
- c. Less, Ninety percent (90%) of the share of margin generated by the sale of Renewable Energy Credits;
- d. Less, FPP used for Power Marketing Sales; and
- e. Less a share of Power Marketing Operating Income as described below.

POWER MARKETING OPERATING INCOME (PMOI)

As an incentive to provide the lowest cost FPP to customers, Power Marketing revenues and expenses will be included in the Fuel and Purchase Power Adjustment clause as follows:

- a. Power Marketing Sales revenues are defined as short-term (generally less than one year) energy sales to wholesale customers and sales of emission allowances.
- b. The Company's long-term (generally more than one year) customer obligations will be served with the lowest cost resources during each hour that the Company engages in Power Marketing Sales except for the following: 1) Any renewable resource energy; and 2) Specific energy blocks, up to 75MW, purchased to cover energy needs for 3 weeks or more. For these two situations, the cost of energy shall be directly assigned to the Company's long-term customers. Any remaining resources may be scheduled for, and if scheduled will be charged to, Power Marketing Sales as the costs of goods sold.
- c. Fifty percent (50%) of the base salary and benefit costs of the Company's generation dispatch and power marketing personnel shall be included as a power marketing expense.
- d. Any transmission expense incurred to facilitate Power Marketing Sales shall be included as an expense.



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POWER MARKETING OPERATING INCOME (Continued)

- e. Bonuses payable to the Company's generation dispatch and power marketing personnel as a result of Power Marketing Sales shall be included as an expense.
- f. Any specifically identified expenses associated with Power Marketing Sales, such as legal expense or bad debt expense, shall be included as an expense.

SHARING OF POWER MARKETING OPERATING INCOME

The calculated Pre-Tax PMOI will be multiplied by 65% to determine the amount of the credit to be applied as a credit to the FPP costs.

The Power Marketing Operating Income Credit shall not be less than \$2,000,000.

ANNUAL SYSTEM ENERGY SALES (Line 2)

Annual System Energy Sales are the total kilowatt hours associated with the FERC accounts for Sales of Electricity by Rate Schedules and Sales for Resale, less Power Marketing Sales.

BASE FPP COSTS (Line 4)

The Base FPP Costs are as approved by the Commission in Docket EL09-018.

SOUTH DAKOTA ANNUAL RETAIL ENERGY SALES (Line 7)

The South Dakota Annual Retail Energy Sales are the total South Dakota retail energy kilowatt hour sales for the previous period for all classes of service authorized by the Commission.

SD BALANCING ACCOUNT (Line 9)

This Balancing Account amount on Line 9 (positive or negative) is the Line 10 amount from the previous filing (SD Net Amount to (Refund)/Charge) less the actual FPPA amount (Refunded) or Charged for the period, adjusted for applicable interest. The Balancing Account shall have interest applied or credited monthly at the annual rate of seven percent (7%). The FPPA (Refund)/Charge will be applied monthly to the Balancing Account, first to the interest balance, and thereafter to the principal amount.



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SD SURPLUS ENERGY PHASE-OUT (Line 10)

The determination of South Dakota Base Rates included a Surplus Energy Credit which is phased-out as follows:

- For the twelve month period April 2010 through March 2011 the amount will be \$0
- For the twelve month period April 2011 through March 2012 the amount will be \$250,000
- For the twelve month period April 2012 through March 2013 the amount will be \$500,000
- All periods after March 2013, the phase-out amount will be \$2,500,000

NET SD AMOUNT TO (REFUND)/CHARGE (Line 11)

The net amount to refund or charge customers is the South Dakota's share of the total Net FPP costs adjusted by the Balancing Account and the SD Surplus Energy Phase-out (Line 8 + Line 9 + Line 10).

PROJECTED SOUTH DAKOTA RETAIL ENERGY SALES (Line 12)

These are the kilowatt hours of retail sales projected for the State of South Dakota for the period that the FPPA (Line 12) will be in effect.

SD FUEL AND PURCHASED POWER ADJUSTMENT (Line 13)

The FPPA on Line 12 shall be included in the Company's annual Energy Cost Adjustment and shall be applied to all rate schedules in all classes of service authorized by the Commission.

EFFECTIVE DATE

The FPPA will be updated and filed annually with the effective date of June 1st.



