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July 1, 2026

Ms. Leah Mohr
South Dakota Public Utilities Commission
Capitol Building, 1st floor
500 E. Capitol Ave.
Pierre, SD 57501-5070

Re: Black Hills Power, Inc.'s Ten-Year Energy Facility Plan

Dear Ms. Mohr:

Enclosed for filing is Black Hills Power, Inc. d/b/a Black Hills Energy's ("Black Hills Power") Ten-Year Energy Facility Plan ("Energy Facility Plan"). The Energy Facility Plan contains the required sections listed in ARSD § 20:10:21:03. Additionally, in accordance with ARSD § 20:10:21:23, Black Hills Power will provide notice of the filing to the designated state agencies and officers.

Please contact me if you have any questions.

Sincerely,

Jason S. Keil
Enclosure



2026-2035

ENERGY FACILITY PLAN

THE SUBSEQUENT BIENNIAL
REPORT
OF THE TEN-YEAR PLAN

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BLACK HILLS POWER – ENERGY FACILITY PLAN

§20:10:21:02 Ten-year Plans

This submittal is for Black Hills Power, Inc. d/b/a Black Hills Energy (“BHP”, “Company” or “Black Hills Power”) subsequent biennial report of the ten-year plan which will restate each area required by the South Dakota Public Utilities Commission (“Commission”) Rule, Chapter 20:10:21.

§20:10:21:03 Contents of Plans

BHP’s plan contains all sections from §20:10:21:02 - §20:10:21:25.

§20:10:21:04 Existing Energy Conversion Facilities

1. The Ben French facility is located in Pennington County in the Northwest area of Rapid City, along Deadwood Avenue (393). The site is located in Section 34, Township 2N, Range 7E. The Ben French site has a combination of four (4) combustion turbines and five (5) internal combustion diesels.

The name plate rating and net capacity of the units are:

UNIT TYPE	# OF UNITS	GENERATOR RATING	NET RATING	PRIMARY FUEL
Combustion Turbine	4	25 MW each	20 MW each	Diesel Fuel Oil Natural Gas
Internal Combustion Diesels	5	2 MW each	2 MW each	Diesel Fuel Oil
TOTAL	9	110	90	

The 2024 and 2025 net Megawatt (MWH) generation of these units was:

TYPE	2024 MWH's	2025 MWH's
Combustion Turbine Combined (MWH)	8,746	20,349
Internal Combustion Diesels Combined (MWH)	(361)	(338)

The water sources for this generating facility are private wells located on the property. The wells draw water from the Madison & Minnekahta Formations. The water usage from these wells during 2024 was 0.321 acre feet and 0.335 acre feet in the 2025 year for generation purposes.

The combustion turbines use Natural Gas as their primary fuel. Natural Gas is supplied from regional suppliers on a monthly bid basis and transported by Williston Basin Interstate Pipeline through the Krebs Border Station and by the new WBI Krebs Delivery Station at 655 Krebs Drive, Rapid City, SD in 2023. The combustion turbines consumed 135,738 MCF in 2024 and 314,359 MCF in 2025.

The fuel oil used by the combustion turbines and internal combustion diesels is supplied from regional refineries and delivered by truck to the Ben French complex. The combustion turbines used a total of 1,722 gallons in 2024 and 15,012 gallons in 2025. The Internal combustion diesels consumed a total of 4,535 gallons in 2024 and 5,699 gallons in 2025.

The Ben French units, both the combustion turbines and the internal combustion diesels, are planned to be retired in 2027. These units have been in service for 50 to 60 years and are the oldest units in the Black Hills Power generating fleet. The Ben French units are currently not supported by the original equipment manufacturer. Maintenance services are completed by third parties without technical support from the manufacturer. Parts that need to be replaced cannot be procured from the manufacturer and therefore require reverse engineering from a non-manufacturer.. Because the original equipment manufacturer no longer supports these units it makes it nearly impossible to provide quality operation and maintenance training. For these reasons Black Hills power is planning on retiring the Ben French units in 2027.

The Lange LM6000 combustion turbine unit is located in Pennington County at 3650 Deadwood Avenue, Rapid City, SD 57702. The site is located in the southwest quarter of the northeast quarter of Section 22, Township 2N, Range 7E.

The name plate rating and net capacity of the unit is:

UNIT TYPE	# OF UNITS	GENERATOR RATING	NET RATING	PRIMARY FUEL
Combustion Turbine	1	40 MW	38 MW	Natural Gas

The 2024 and 2025 net MWH generation for this facility was as follows:

TYPE	2024 MWH's	2025 MWH's
Combustion Turbine	115,379	144,457

The water source for the Lange facility is provided by a private well in the Minnelusa formation. The water usage was 12.78-acre feet in 2024 and 15.12-acre feet in 2025. The combustion turbines natural gas is supplied from regional suppliers on a monthly bid basis and transported by Williston Basin Interstate Pipeline through the Lange Border Station. The combustion turbines consumed 1,180,444 MCF in 2024 and 1,464,072 MCF in 2025.

There are no plans to retire the Lange facility.

§20:10:21:05 Proposed Energy Conversion Facilities

1. The Lange II generating facility will be located in Rapid City, Pennington County, South Dakota on land owned by Black Hills Power adjacent to Black Hills Power's existing Lange facility. The legal description of the location is as follows, W1/2W1/2NE1/4, the E1/2NW1/4, the E1/2E1/2W1/2NW1/4 and the E25' of the W1/2E1/2W1/2NW1/4 of Section 22, Township 2 North, Range 7 East of the Black Hills Meridian, Rapid City, Pennington County, South Dakota. The Lange II facility will electrically interconnect into the Black Hills Power transmission system at the existing Lange substation.
2. The Lange II facility will consist of six 16.6 MW dual-fuel (natural gas and diesel) reciprocating internal combustion engine ("RICE") generating units. The nameplate capacity is 99.6 MWs.
3. The annual production of Lange II is estimated to be 175,00 MWHs.
4. Water use for the project will be minimal at less than 1 gallon per minute per engine at full load operation. A current well located on site will provide the facility water. Water will be stored in a storage tank located on the project site. This water storage will also be utilized for fire protection systems. A diesel driven water pump is used to supply the site's fire sprinkler system in the event of emergency.
5. Lange II will utilize natural gas and diesel fuel. The natural gas will be supplied by interconnecting to an existing 10-inch gas pipeline that is currently located at the Lange site. Additionally, there will be two redundant 300,000-gallon diesel storage tanks located on the project site. Diesel fuel will be purchased from local wholesale suppliers and provide sufficient capacity to ensure fuel reliability.
6. Solid and hazardous waste will be hauled off-site by a third-party contractor and disposed of appropriately per state and federal regulations.
7. A metal prefabricated building will be constructed to house the RICE engines as well as a maintenance shop to allow for on-site maintenance of the engines and

ancillary equipment. The site will also have two fully redundant diesel storage tanks and fuel pumps to supply the engines with diesel fuel.

8. The operating life is expected to be 30 years
9. The current estimated cost of the Lange II facility is approximately \$320 million

§20:10:21:06 Existing Transmission Facilities

Black Hills Power is an investor-owned utility that, together with Basin Electric Power Cooperative (“Basin Electric”) and Powder River Energy Corporation (“PreCorp”), jointly operates a looped 230kV transmission system which includes the AC/DC/AC converter station located in Rapid City, South Dakota.

The 69 kV sub-transmission system is supported by the 230 kV transmission system with substations in Spearfish, Lead, Rapid City, Hot Springs, South Dakota, and Gillette, Wyoming. Energy is also delivered through transmission interconnections with other systems. The interconnecting points to other systems are at or near Stegall, Nebraska, Wright, Wyoming, Sheridan, Wyoming, Glenrock, Wyoming and Gillette, Wyoming.

Black Hills Power assets are listed below.

LOCATION	TYPE	CONDUCTOR	VOLTAGE
SOUTH DAKOTA			
Wyodak-Lookout	H-Wood	1272 KCM ACSR	230 kV
Lookout-Lange	H-Wood	1272 KCM ACSR	230 kV
West Rapid Tap – West Rapid	SP-Steel	1272 KCM ACSR	230 kV
Lange – West Rapid Tap	H-Wood	1272 KCM ACSR	230 kV
West Rapid Tap – South Rapid	H-Wood	1272 KCM ACSR	230 kV
South Rapid – West Hill	H-Wood	1272 KCM ACSR	230 kV
West Hill-Minnekahta	H-Wood	1272 KCM ACSR	230 kV
Sagebrush-Minnekahta	H-Wood	1272 KCM ACSR	230 kV
Lange-Ben French	H-Wood	795 KCM ACSR	69 kV
DC Tie West-South Rapid City ¹	SP-Steel	1272 KCM ACSR	230 kV
Osage-Yellowcreek ²	H-Wood	1272 KCM ACSR	230 kV
Osage-Lange	H-Wood	1272 KCM ACSR	230 kV
Fall River-Bluffs	H-Wood	1272 KCM ACSR	230 kV
West Hill-Fall River	H-Wood	1272 KCM ACSR	230 kV
WYOMING			
Wyodak-Lookout	H-Wood	1272 KCM ACSR	230 kV
Osage-Sagebrush	H-Wood	1272 KCM ACSR	230 kV

¹ Owned 35% by Black Hills Power and 65% by Basin Electric

² Owned 7.87% by Black Hills Power and 92.13% by Basin Electric

Sagebrush-Minnekahta	H-Wood	1272 KCM ACSR	230 kV
Osage-Wyodak	H-Wood	1272 KCM ACSR	230 kV
Neil Simpson 1–Neil Simpson 2	SP-Steel	795 KCM ACSR	69 kV
Osage-Yellow Creek ³	H-Wood	1272 KCM ACSR	230 kV
Neil Simpson 1-Wyodak	H-Wood	795 KCM ACSR	69 kV
Donkey Creek-Pumpkin Buttes	H-Wood	1272 KCM ACSR	230 kV
Wygen 3-Donkey Creek	SP-Steel	1272 KCM ACSR	230 kV
Pumpkin Buttes-Windstar	H-Steel	1272 KCM ACSR	230 kV
Windstar-Dave Johnson ⁴	H-Steel	1272 KCM ACSR	230 kV
Donkey Creek-Wyodak Tie Line #2	Steel	1272 KCM ACSR	230 kV
WY 1.14 Tap-Wyodak Baghouse	H-Wood	336.4 ACSR	230 kV
Teckla-Osage	H-Wood	1272 KCM ACSR	230 kV
Osage-Lange	H-Wood	1272 KCM ACSR	230 kV
NEBRASKA			
Fall River-Bluffs	H-Wood	1272 KCM ACSR	230 kV
Bluffs-Stegall	H-Wood	1272 KCM ACSR	230 kV

Retirement dates on these facilities have not been determined or anticipated at this time.

§20:10:21:07 Proposed Transmission Facilities

Black Hills Power does not currently have any proposed transmission facilities in its plan.

§20:10:21:08 Coordination of Plans

Black Hills Power is a member of Western Electricity Coordinating Council (“WECC”) and reports regional reliability information through this agency. Black Hills Power is also a member of the WestConnect Planning Management Committee and actively participates in the sub-regional Colorado Coordinated Planning Group (“CCPG”). WestConnect and CCPG are recognized sub-regional planning groups within the WECC.

Black Hills Power, Basin Electric and PreCorp through participation in a Federal Energy Regulatory Commission (“FERC”) filed “Common Use System (“CUS”) Open-Access Transmission Tariff” (“JOATT”) perform joint planning studies on their facilities that serve loads in South Dakota and Wyoming. Per FERC Order 890, the CUS filed a revised Attachment K to its JOATT on December 7, 2007 outlining its planning process and establishing the CUS Transmission Coordination and Planning Committee

³ Owned 7.87% by Black Hills power and 92.13% by Basin Electric

⁴ Owned 56.25% by Black Hills Power and 42.75% by PacifiCorp

(“TCPC”). This committee is open to all transmission customers and stakeholders, including regulators, with the intent to share information on the CUS transmission planning process and study results. Members of the TCPC include transmission customers, neighboring utilities and state regulators.

§20:10:21:09 Single Regional Plans

Black Hills Power, Basin Electric and PreCorp operate a joint transmission system within the Black Hills and portions of the NE Wyoming region. The three companies jointly plan, coordinate and expand the transmission system to ensure reliable service to our customers. The proposed facilities mentioned in Section 20:10:21:07 are incorporated into a single plan for the Black Hills and NE Wyoming region.

§20:10:21:10 Submission of Regional Plan

Because Black Hills Power is a FERC jurisdictional utility, it is required to engage in regional planning under FERC Order 1000. WestConnect is Black Hills Power’s Order 1000 planning region. To date, WestConnect had not identified any regional needs and as such has not developed a regional plan or facilities for a regional plan.

§20:10:21:11 Utility Relationships

Black Hills Power has AC interconnections with PacifiCorp (“PAC”), Western Area Power Administration – Rocky Mountain Region (“WAPA-RMR”), Basin Electric Power Cooperative (BEPC), and Cheyenne Light, Fuel and Power Company (Cheyenne Light).

Black Hills Power is a member of Western Electricity Coordinating Council (“WECC”), WSPP, Inc., and the North American Energy Markets Association (“NAEMA”) and also belongs to the Rocky Mountain Reliability Corporation (“RMRC”).

Black Hills Power participates in the Northwest Power Pool (“NWPP”) Reserve Sharing Group as a Balancing Authority and maintains sub-entity reserve sharing agreements with Montana-Dakota Utilities, City of Gillette, Basin Electric, and Cheyenne Light.

Black Hills Power receives Reliability Coordinator services from the Southwest Power Pool and participates in the California Independent System Operator (CAISO) Western Energy Imbalance Market (WEIM) as a balancing authority.

Black Hills Power has long-term point to point or network integrated transmission service agreements with the following utilities: Basin Electric, City of Gillette, State of South Dakota, Municipal Energy Authority of Nebraska, and Cheyenne Light.

§20:10:21:12 Efforts to Minimize Adverse Effects

Environmental

Black Hills Energy is committed to providing safe, reliable, and affordable energy in a manner that ensures the highest priority for protection of the environment as well as the health and welfare of our customers, general public and our employees. Our outstanding environmental compliance provides protection of our natural environment for present and future generations to enjoy. Energy development in the West requires a strong commitment to the protection of our natural resources. We have and will continue to work closely with state and federal agencies to ensure our projects have minimal impact on these resources.

Black Hills Energy's environmental practice is implemented through the principles of our environmental management system:

- The Board of Directors established a goal for the CEO of zero non-compliance for all environmental activities.
- The Board of Directors are updated regularly regarding the status of our environmental and safety compliance programs.
- All management and employees are committed to continuous environmental compliance by providing the resources required to meet this goal.
- Operations are conducted in a manner that ensures meeting or surpassing applicable environmental rules and standards. Operations are monitored to strive to cost-effectively meet requirements and minimize corporate risk and liability.
- Annual training is provided to all employees to ensure knowledge of environmental compliance requirements related to their job duties.
- We participate in the development of new technologies in a manner that provides for customer and shareholder value.
- We strive to create partnerships with policy makers, both at the Federal and State level, to develop the best environmental outcome viable is achieved and to ensure customer and shareholder values are represented.

Social

All Black Hills Power employees are encouraged to provide leadership to local civic and charitable organizations. The Company has an active program to encourage employees to support the United Way Program financially and with donated time.

Public Safety

Black Hills Power conducts public safety educational programs throughout the public schools, local civic organizations, local contractors associations and through local media plus safety links on our website. The Company continues to offer power plant tours in Wyoming, as security issues permit, to schools and organizations wanting to learn more about the production of electricity. The Company does not offer plant tours in South Dakota due to NERC CIP regulations.

§20:10:21:13 Efforts Relating to Load Management

Residential customers are offered an optional demand service rate in combination with the installation of a demand controller that limits their on-peak energy use. Over 4,000 residential customers take advantage of this rate.

Commercial customers can take advantage of Black Hills Power’s Energy Storage rate for heat storage, ice storage, battery charging, water heating and geothermal heat pump systems. Larger commercial and industrial customers can shift load to off-peak periods to improve their load factor. Commercial and Industrial (“C&I”) customers are offered assistance with load monitoring, power factor analysis, energy use calculations and rate analysis.

§20:10:21:14 List of Reports

There are no reports or studies to be filed relating to the proposed facilities in Section §20:10:21:05.

§20:10:21:15 Changes in Status of Facilities

There have been no major changes in status of any transmission or transmission substation infrastructure since the last biennial plan filing.

§20:10:21:16 and §20:10:21:17 Projected Electric Demand & Change in Electric Energy

Black Hills Power’s projected electric demand and electric energy and percent change in electric demand and energy are shown below in Table 1 and 2. The tables show projected data for the years 2026-2035. These projections do not include the City of Gillette or the City of Sheridan.

**Table 1
BHP Peak Demand and Energy Forecast 2026-2035**

Year	Peak Demand (MW)	Annual Energy (MWh)
2026	395	2,010,347
2027	397	2,021,415
2028	401	2,037,804
2029	404	2,047,636
2030	407	2,054,645
2031	410	2,060,891
2032	412	2,066,668
2033	414	2,072,075
2034	417	2,077,216
2035	419	2,082,036

Table 2
BHP Percent Change in Peak Demand and Energy 2026-2035

Year	Change in Peak Demand		Change in Annual Energy (MWh)	
2026				
2027	2	0.40%	11,068	0.55%
2028	4	0.97%	16,389	0.81%
2029	3	0.77%	9,832	0.48%
2030	3	0.85%	7,009	0.34%
2031	2	0.58%	6,246	0.30%
2032	2	0.58%	5,777	0.28%
2033	2	0.57%	5,407	0.26%
2034	2	0.57%	5,141	0.25%
2035	2	0.56%	4,820	0.23%

§20:10:21:18 Map of Service Area

The map for Black Hills Powers service area is included as Exhibit 1.

§20:10:21:19 Individual Utility Plans

Black Hills Power submits its own plan, which is contained herein.

§20:10:21:20 Biennial Filing

Black Hills Power submits its' ten-year plan to the Commission on the 1st day of July 2026. This ten-year plan shall apply beginning with 2026 through 2035.

§20:10:21:21 Subsequent Plans

Subsequent biennial plans for Black Hills Power will be submitted to the Commission as stated when we have additions, deletions, or modifications. These plans shall be clearly cross-referenced to prior reports.

§20:10:21:22 Places of Filing

Ten (10) copies of Black Hills Power's ten-year plan shall be filed and are included herewith. Upon the PUC's request, Black Hills Power shall file within fifteen (15) days with each county auditor that the Commission designates.

§20:10:21:23 Notice of Filing

Black Hills Power shall comply with the PUC's determination of the notice of filing by public notice to the following state agencies (see below) and officers and, within ten (10)

days of designation, to any other governmental agencies or bodies designated by the commission order.

- | | |
|---|---|
| (1) Aeronautics Commission | (2) Department of Agriculture and Natural Resources |
| (3) Attorney General | (4) Department of Commerce |
| (5) Governor's Office of Economic Development | (6) Department of Education and Cultural Affairs |
| (7) State Engineer | (8) Department of Game, Fish and Parks |
| (9) State Geologist | (10) Governor |
| (11) Department of Health | (12) Indian Affairs Commission |
| (13) Department of Labor and Regulation | (14) Legislative Research Council |
| (15) Department of School and Public Lands | (16) Department of Transportation |

§20:10:21:24 Copy on Request

Black Hills Power shall provide a copy of this plan, upon written request and without cost, to any agency or officer named in §20:10:21:23 or designated by the Commission under the provisions of any section.

§20:10:21:25 Form for Plans

Black Hills Power's plan is submitted under this chapter in numeric sequence as requested. Our service area map is condensed to 8 ½ by 11 inches and is clearly marked for the Commission's use.

EXHIBIT 1

BLACK HILLS POWER SERVICE AREA

