

**NOTICE OF APPLICATION
FOR
AIR QUALITY CONSTRUCTION PERMIT AND PREVENTION OF SIGNIFICANT
DETERIORATION PRECONSTRUCTION PERMIT RESCINDED**

The South Dakota Department of Agriculture and Natural Resources (DANR) received and reviewed the application for an air quality construction permit and rescind the Prevention of Significant Deterioration Preconstruction Permit for the following applicant:

APPLICANT NAME: Black Hills Power, Inc.

FACILITY LOCATION: Rapid City, South Dakota

The air quality construction permit and Prevention of Significant Deterioration Preconstruction Permit will allow the construction and operation of the following processes and units:

1. Unit #1: 2001 General Electric, model #LM6000PD, a natural gas-fired, stationary simple cycle gas turbine with lean-premix staged combustion (dry low NOx combustors) with a maximum operating rate of 325 million Btu per hour heat input based on the lower heating value of the fuel fired;
2. Unit #2: Turbine inlet air heater, model CT-1, equipped with a low NOx burner. The turbine inlet air heater is fired with natural gas with a maximum operating rate of 17.5 million Btu per hour heat input;
3. Unit #4: 2-ICB-ENG-001. Wartsila 18V50DF dual-fuel engine fired on natural gas and diesel fuel with a maximum operating rate of 16,600 kilowatts. 130.2 million Btus per hour for natural gas and/or 134.6 million Btus per hour for diesel fuel controlled by a selective catalytic reduction and oxidation catalyst systems;
4. Unit #5: 2-ICB-ENG-001. Wartsila 18V50DF dual-fuel engine fired on natural gas and diesel fuel with a maximum operating rate of 16,600 kilowatts. 130.2 million Btus per hour for natural gas and/or 134.6 million Btus per hour for diesel fuel controlled by a selective catalytic reduction and oxidation catalyst systems;
5. Unit #6: 2-ICB-ENG-001. Wartsila 18V50DF dual-fuel engine fired on natural gas and diesel fuel with a maximum operating rate of 16,600 kilowatts. 130.2 million Btus per hour for natural gas and/or 134.6 million Btus per hour for diesel fuel controlled by a selective catalytic reduction and oxidation catalyst systems;
6. Unit #7: 2-ICB-ENG-001. Wartsila 18V50DF dual-fuel engine fired on natural gas and diesel fuel with a maximum operating rate of 16,600 kilowatts. 130.2 million Btus per hour for natural gas and/or 134.6 million Btus per hour for diesel fuel controlled by a selective catalytic reduction and oxidation catalyst systems;
7. Unit #8: 2-ICB-ENG-001. Wartsila 18V50DF dual-fuel engine fired on natural gas and diesel fuel with a maximum operating rate of 16,600 kilowatts. 130.2 million Btus per hour for natural gas and/or 134.6 million Btus per hour for diesel fuel controlled by a selective catalytic reduction and oxidation catalyst systems;
8. Unit #9: 2-ICB-ENG-001. Wartsila 18V50DF dual-fuel engine fired on natural gas and diesel fuel with a maximum operating rate of 16,600 kilowatts. 130.2 million Btus per hour for natural gas and/or 134.6 million Btus per hour for diesel fuel controlled by a selective catalytic reduction and oxidation catalyst systems;

9. Unit #10: 2-API-ENG-001. Caterpillar C18. Emergency diesel fired black start engine with a maximum operating rate of 770 kilowatts or 7.22 million Btus per hour; and
10. Unit #11: 2-FPA-PMP-001. Diesel fired emergency fire pump with a maximum operating rate of 2.79 million Btus per hour or 400 horsepower.

A review of the application indicates Black Hills Power, Inc. can construct and operate the existing units and proposed new engines in compliance with South Dakota's Air Pollution Control rules and the federal Clean Air Act. DANR, therefore, recommends the Board of Minerals and Environment issue an air quality construction permit and rescind the Prevention of Significant Deterioration Permit to Black Hills Power, Inc. with conditions to ensure compliance with South Dakota Codified Laws (SDCL) 34A-1 and the federal Clean Air Act.

In accordance with the Administrative Rules of South Dakota (ARSD) 74:36:20:11 and 74:36:05:17, any person desiring to comment on DANR's draft permit conditions must submit written comments to the address below by close of business on the sixtieth day of this public notice. Comments may be directed to the following mailing address: Teresa Williams; PMB 2020; Department of Agriculture and Natural Resources; 523 East Capitol; Pierre, South Dakota 57501. DANR will consider and address all comments submitted and issue a final permit decision pursuant to ARSD 74:36:20:13 and 74:36:05:18. DANR will notify the applicant and each person that requested notice or submitted written comments of DANR's final permit decision, including notification of any changes to the permit based on the comments.

Any person desiring to contest the issuance of this permit and have a contested case hearing must file a petition, which complies with ARSD 74:09:01:01. This petition must be filed either by close of business on the sixtieth day of this public notice or, if that person submits comments on DANR's draft permit pursuant to the paragraph above, within sixty days of receiving notice of DANR's final permit decision. Upon receipt of a petition, DANR will schedule this matter for a contested case hearing before the Board of Minerals and Environment.

If no comments or objections are received by close of business on the sixtieth day of this public notice, the draft permit becomes the final permit decision and the permit will be issued.

Copies of DANR's draft permit conditions and other information may be obtained from Teresa Williams, at the above address or telephone at (605) 773-3151 or the One-Stop Public Notice Page at:

<https://danr.sd.gov/public/default.aspx>



Hunter Roberts, Secretary
Department of Agriculture and Natural Resources

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