



Poplar Bluff Power Plant Unit

- Add power to Power Plant
- One 18 cylinder FM 32/40 Engine

Add generation capacity to the power plant and assist with a turnkey RICE NESHAP compliance upgrade

City of Poplar Bluff Power Plant, Poplar Bluff, MO

Profile

Power System: 18-Cylinder
Model: FM 32/40
Installed: 2002
Fuel Type: Dual Fuel
Power Output: 20,790 kW

Power Need

Poplar Bluff utility company has been serving the city since 1917. The city went through an engineering procurement firm to expand their capacity which ultimately led to Fairbanks Morse adding power to their municipal power plant. The city also called on Fairbanks Morse

again to assist with a turnkey RICE NESHAP compliance upgrade.

Fairbanks Morse Solution

Fairbanks Morse answered the need with three 18 cylinder FM 32/40 dual fuel engines providing 20,790 kilowatts of power. These medium speed dual fuel engines provide a robust engine design with a low emission natural gas option. Having a dual fuel engine allows Poplar Bluff to seamlessly switch fuels to run on 100% diesel if the gas supply is interrupted.

To meet RICE NESHAP compliance, the Fairbanks Morse Power Solutions group added combination catalyst/silencers, a new monitoring system, a crankcase vacuum system, and EPA compliance testing.

Result

By adding the Fairbanks Morse power systems, Poplar Bluff, MO now has a greater generation capacity and the luxury of seamless switch over between natural gas and diesel fuel. The power plant also now meets RICE NESHAP compliance requirements.

For more information, please visit www.fairbanksmorsedefense.com or email us at FM.marketing@FMDefense.com.

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