



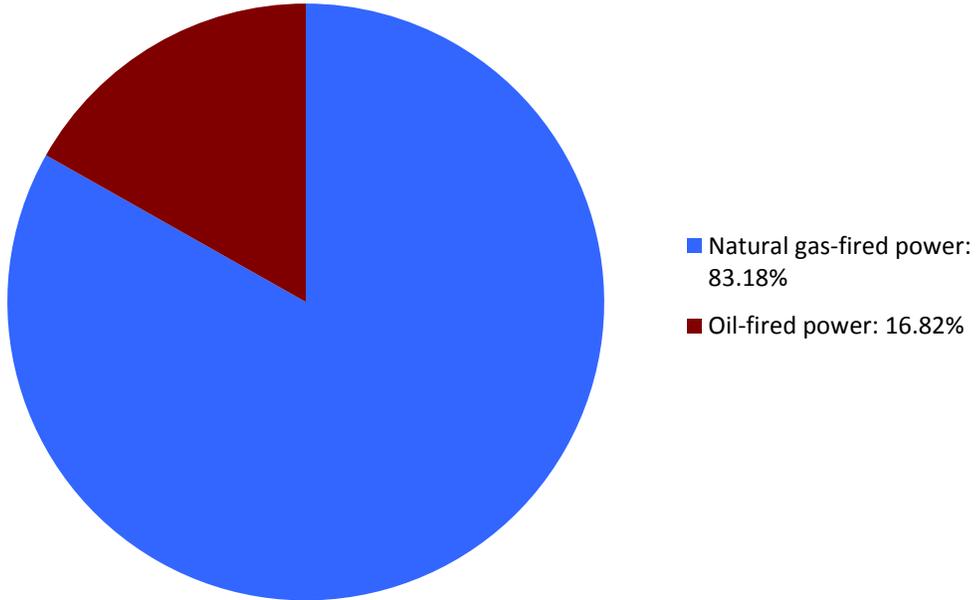
Power Plant: Poplar Bluff Generating Station
Plant Owner: City of Poplar Bluff
Power generated in 2009 from non-renewable and renewable sources

	Fuel Consumption, MMBTUs	Percent of Total		Net Electric Power Generated in 2009 (MWh)	Percent of Total	
Non-renewable sources						
Coal-fired power						
Natural gas-fired power	6,654	83.18%		606	83.18%	
Oil-fired power	1,346	16.83%		123	16.82%	
Nuclear power						
Other non-renewable power						
Non-renewable total	8,000	100.00%	100.00%	729	100.00%	100.00%
Renewable sources						
Hydroelectric Power						
Wind						
Waste and biomass						
Solar						
Geothermal						
Landfill Gas						
Renewable total	0	0.00%	0.00%	0	0.00%	0.00%
Grand total all sources	8,000		100.00%	729		100.00%

Fuel Type	Physical Units	Number of Units
Natural Gas	Mcf	6,049
Distillate Fuel Oil	Barrels	217



Net Generation by Fuel Type, 2009 for Poplar Bluff Generating Station





**Poplar Bluff Generating Station
Emissions from Electricity Generated in 2009**

Plant	Carbon Dioxide(CO2) (Tons)	Carbon Monoxide(CO) (Tons)	Ammonia (NH3) (Tons)	Nitrogen Oxides (NOx) (Tons)	Sulfur Dioxides (SO2) (Tons)
Poplar Bluff Generating Station	371.62	0.83	0.03	3.89	0.10

Plant	Volatile Organic Compounds (VOC) (Tons)	Course Particulate Matter (PM10) (Tons)	Fine Particulate Matter (PM2.5) (Tons)	Mercury (Hg) (LBS)
Poplar Bluff Generating Station	0.21	0.09	0.09	NV

'NV' = Emissions value not available.



Pollution controls installed on Poplar Bluff Generating Station

SO2 Controls			
Plant	Control Equipment	Sorbent Type	Operational Efficiency
Poplar Bluff Generating Station	No SO2 Controls Installed		

NOX Controls				
Plant	Device Type	Description	Capture Efficiency	Control Efficiency
Poplar Bluff Generating Station	No NOX Controls Installed			

Data Sources

- Emissions Data: Missouri Department of Natural Resources, Air Pollution Control Program, Missouri Emissions Inventory System (MOEIS)
<http://www.dnr.mo.gov/env/apcp/moeis/emissionsreporting.htm>
- CO2 Emissions calculated by Missouri Department of Natural Resources, Division of Energy, from EIA Fuel Consumption Data
- Fuel Consumption and Generation Data: United States Energy Information Administration, Form 923, United States Department of Energy
http://www.eia.gov/cneaf/electricity/page/eia906_920.html