



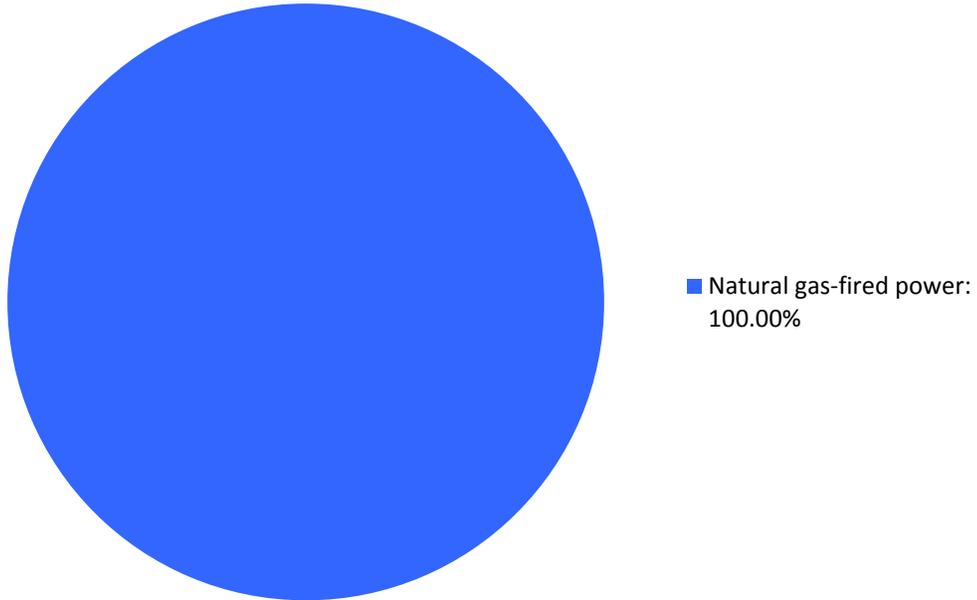
**Dogwood Energy LLC
Utility-Owned Electric Generation and Emissions in 2009**

	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	6,742,134	100.00%		867,848	100.00%	
Oil-fired power						
Nuclear power						
Other non-renewable power						
Non-renewable total	6,742,134	100.00%	100.00%	867,848	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	6,742,134		100.00%	867,848		100.00%

Fuel Type	Physical Units	Number of Units
Natural Gas	Mcf	6,633,302



Net Generation by Fuel Type, 2009 for Dogwood Energy LLC





Emissions from Electricity Generated in 2009: Dogwood Energy LLC

Plant	Carbon Dioxide (CO2) (Tons)	Carbon Monoxide (CO) (Tons)	Ammonia (NH3) (Tons)	Nitrogen Oxides (NOx) (Tons)	Sulfur Dioxides (SO2) (Tons)
Dogwood Energy LLC	384,592.28	78.57	15.20	38.43	0.29
Dogwood Energy Facility	384,592.28	78.57	15.20	38.43	0.29

Plant	Volatile Organic Compounds (VOC) (Tons)	Course Particulate Matter (PM10 Total) (Tons)	Fine Particulate Matter (PM2.5 Total) (Tons)	Mercury (Hg) (LBS)
Dogwood Energy LLC	2.41	8.53	8.53	NV

'NV' = Emissions value not available.

Note: The data provided includes only generation and emissions from power plants owned by the utility. It does not include generation or emissions from power purchased by the utility and distributed to its customers.



Pollution controls installed on plants operated by Dogwood Energy LLC

SO2 Controls			
Plant	Control Equipment	Sorbent Type	Operational Efficiency
Dogwood Energy Facility	No SO2 Controls Installed		

NOX Controls				
Plant	Device Type	Description	Capture Efficiency	Control Efficiency
Dogwood Energy Facility	LOW NOX BURNERS	LOW NOX COMBUSTOR FOR GAS TURBINE	100.00%	88.00%
Dogwood Energy Facility	LOW NOX BURNERS	LOW NOX BURNER FOR HRSG	100.00%	25.00%
Dogwood Energy Facility	SCR (SELECTIVE CATALYTIC REDUCTION)	SELECTIVE CATALYTIC REDUCTION	100.00%	80.00%



Missouri Power plants owned and operated by Dogwood Energy LLC in 2009

Plant	County	Primary Fuel	Capacity (MW)	Net Generation (MWh)
Dogwood Energy Facility	Cass	Natural Gas	677	867,848

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