



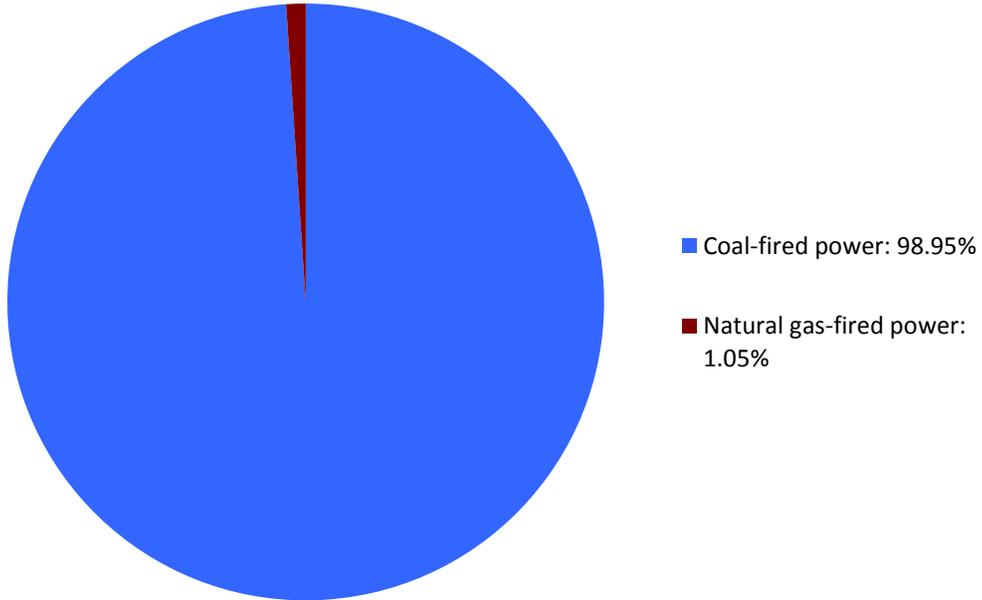
**Power Plant: Southwest Power Station
Plant Owner: City Utilities of Springfield
Power generated in 2009 from non-renewable and renewable sources**

	Fuel Consumption, MMBTUs	Percent of Total		Net Electric Power Generated in 2009 (MWh)	Percent of Total	
Non-renewable sources						
Coal-fired power	12,268,552	98.87%		1,181,479	98.95%	
Natural gas-fired power	139,845	1.13%		12,552	1.05%	
Oil-fired power	0			0		
Nuclear power						
Other non-renewable power						
Non-renewable total	12,408,397	100.00%	100.00%	1,194,031	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	12,408,397		100.00%	1,194,031		100.00%

Fuel Type	Physical Units	Number of Units
Sub-Bituminous Coal	Short Tons	699,635
Natural Gas	Mcf	137,519
Distillate Fuel Oil	Barrels	0



Net Generation by Fuel Type, 2009 for Southwest Power Station





**Southwest Power 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)
Southwest Power Station	1,355,596.86	181.10	4.38	773.98	3,780.27

Plant	Volatile Organic Compounds (VOC) (Tons)	Course Particulate Matter (PM10) (Tons)	Fine Particulate Matter (PM2.5) (Tons)	Mercury (Hg) (LBS)
Southwest Power Station	21.46	249.22	95.17	68.00

'NV' = Emissions value not available.



Pollution controls installed on Southwest Power Station

SO2 Controls			
Plant	Control Equipment	Sorbent Type	Operational Efficiency
Southwest Power Station	No SO2 Controls Installed		
Southwest Power Station	No SO2 Controls Installed		

NOX Controls				
Plant	Device Type	Description	Capture Efficiency	Control Efficiency
Southwest Power Station	SCR (SELECTIVE CATALYTIC REDUCTION)	Selective Catalytic NOx Reduction	100.00%	80.00%
Southwest Power Station	WATER INJECTION	WATER INJECTION	100.00%	67.23%

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