



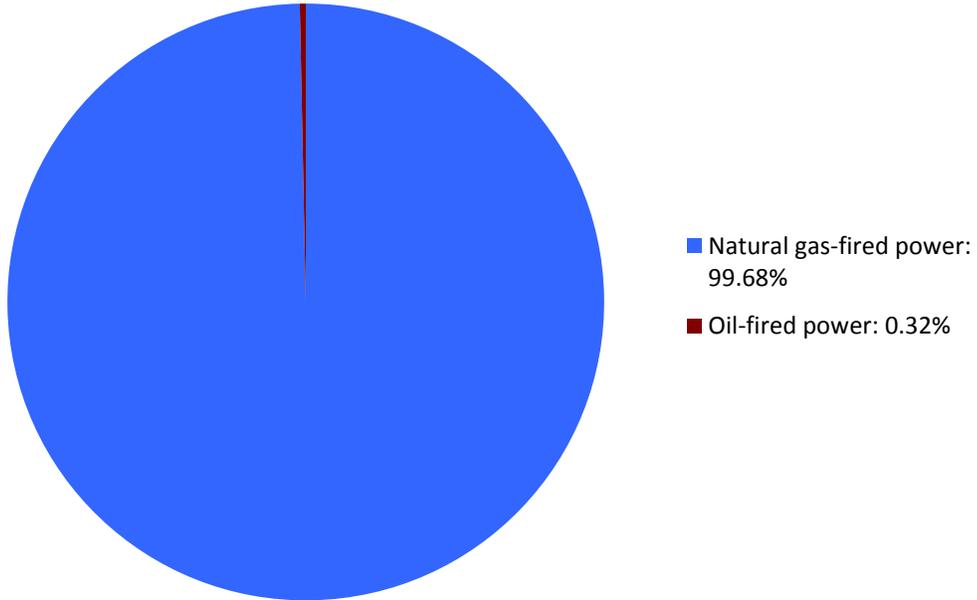
**City of Macon
Utility-Owned Electric Generation and Emissions in 2009**

	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	958,984	99.75%		72,936	99.68%	
Oil-fired power	2,377	0.25%		236	0.32%	
Nuclear power						
Other non-renewable power						
Non-renewable total	961,361	100.00%	100.00%	73,172	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	961,361		100.00%	73,172		100.00%

Fuel Type	Physical Units	Number of Units
Natural Gas	Mcf	871,803
Distillate Fuel Oil	Barrels	410



Net Generation by Fuel Type, 2009 for City of Macon





Emissions from Electricity Generated in 2009: City of Macon

Plant	Carbon Dioxide (CO2) (Tons)	Carbon Monoxide (CO) (Tons)	Ammonia (NH3) (Tons)	Nitrogen Oxides (NOx) (Tons)	Sulfur Dioxides (SO2) (Tons)
City of Macon	51,068.43	11.45	NV	20.36	0.59
Macon	8.63	0.29	NV	1.35	0.09
Macon Energy Center	51,035.35	0.29	NV	1.36	0.09
Sub 2 Generating Station	8.63	0.54	NV	2.49	0.16
Sub 3 Generating Station	15.82	10.33	NV	15.16	0.25

Plant	Volatile Organic Compounds (VOC) (Tons)	Course Particulate Matter (PM10 Total) (Tons)	Fine Particulate Matter (PM2.5 Total) (Tons)	Mercury (Hg) (LBS)
City of Macon	1.31	2.91	2.91	NV
Macon	0.11	0.03	0.03	NV
Macon Energy Center	0.11	0.03	0.03	NV
Sub 2 Generating Station	0.20	0.06	0.06	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 City of Macon

SO2 Controls			
Plant	Control Equipment	Sorbent Type	Operational Efficiency
Macon	No SO2 Controls Installed		
Macon Energy Center	No SO2 Controls Installed		
Sub 2 Generating Station	No SO2 Controls Installed		
Sub 3 Generating Station	No SO2 Controls Installed		

NOX Controls				
Plant	Device Type	Description	Capture Efficiency	Control Efficiency
Macon	No NOX Controls Installed			
Macon Energy Center	No NOX Controls Installed			
Sub 2 Generating Station	No NOX Controls Installed			
Sub 3 Generating Station	No NOX Controls Installed			



Missouri Power plants owned and operated by City of Macon in 2009

Plant	County	Primary Fuel	Capacity (MW)	Net Generation (MWh)
Macon	Macon	Distillate Fuel Oil	11	69
Macon Energy Center	Macon	Natural Gas	10	72,936
Sub 2 Generating Station	Macon	Distillate Fuel Oil	4	59
Sub 3 Generating Station	Macon	Distillate Fuel Oil	7	108

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