



**Carrollton Board of Public Works  
Power Plant Name: Carrollton  
Electric Generation and Emissions in 2011**

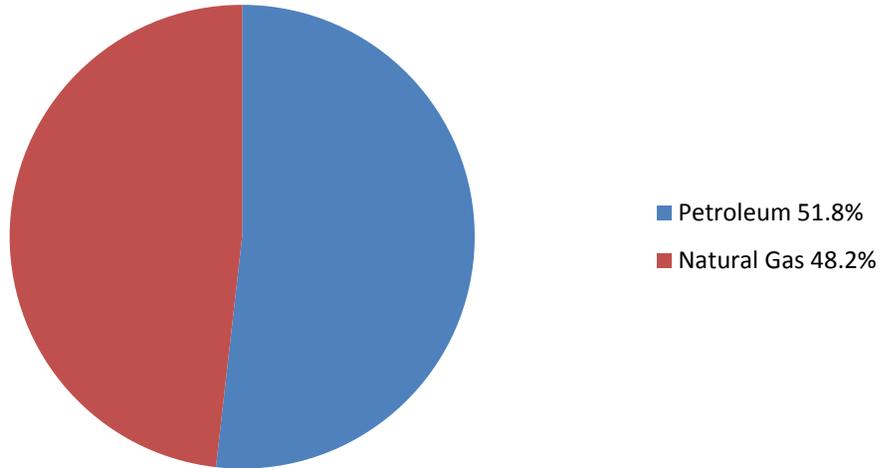
Generation Tables

	Fuel Consumption, MMBTUs	Percent of Total		Net Electric Power Generated, MWh	Percent of Total	
<b>Non-renewable sources</b>						
Coal						
Natural Gas	2,896	48.2%	48.2%	130	48.2%	48.2%
Petroleum	3,113	51.8%	51.8%	140	51.8%	51.8%
Nuclear						
Other						
<b>Non-renewable total</b>	<b>6,009</b>	<b>100.0%</b>	<b>100.0%</b>	<b>270</b>	<b>100.0%</b>	<b>100.0%</b>
<b>Renewable sources</b>						
Biomass						
Hydroelectric						
Landfill Gas						
Solar						
Waste Fuels						
Wind						
Wood						
<b>Renewable total</b>						
<b>Grand total</b>	<b>6,009</b>		<b>100.0%</b>	<b>270</b>		<b>100.0%</b>

Fuel Type	Physical Units	Number of Units
Natural Gas	MCf	2,633
Distillate Fuel Oil	Barrels	502



### Net Generation by Fuel Type, 2011 for Carrollton





Power Plant Nameplate information for Carrollton

<b>Plant Name</b>	<b>County Location</b>	<b>Generator</b>	<b>Generator Type</b>	<b>Generator Status</b>	<b>Nameplate Capacity (MW)</b>
<i>Carrollton</i>		<i>All Operating Generators</i>			82.4
Carrollton	Carroll	10	Internal Combustion Engine (diesel, piston, reciprocating)	Operating - in service	24.4
Carrollton	Carroll	11	Internal Combustion Engine (diesel, piston, reciprocating)	Operating - in service	8.0
Carrollton	Carroll	3	Internal Combustion Engine (diesel, piston, reciprocating)	Operating - in service	7.2
Carrollton	Carroll	7	Internal Combustion Engine (diesel, piston, reciprocating)	Operating - in service	10.0
Carrollton	Carroll	8	Internal Combustion Engine (diesel, piston, reciprocating)	Operating - in service	16.4
Carrollton	Carroll	9	Internal Combustion Engine (diesel, piston, reciprocating)	Operating - in service	16.4



Emissions from Electricity Generated in 2011: Carrollton

	<b>CO2 Equivalent (TONS)</b>	<b>Carbon Dioxide (CO2) (TONS)</b>	<b>Methane (CH4) (TONS)</b>	<b>Nitrogen Dioxide (NO2) (TONS)</b>
Carrollton	5,764	1,682	54	10

	<b>Sulfur Dioxide (SO2) (TONS)</b>	<b>Annual Nitrogen Oxide (NOx) (TONS)</b>	<b>Summer Nitrogen Oxide (NOx) (TONS)</b>
Carrollton	0	0.0000	0.0000

Identified Flue Gas Desulfurization (FGD) controls installed on Carrollton power plant

<b>Plant</b>	<b>Control Equipment</b>	<b>Sorbent Type</b>
	No FGD Controls Installed	

Identified Flue Gas Particulate (FGP) controls installed on Carrollton power plant

<b>Plant</b>	<b>Control Equipment</b>
	No FGP Controls Installed



Missouri  
Department of  
Natural Resources

**Notes:**

Generation, emissions and pollution control data include power plants owned by the utility and located in Missouri.

Emissions data calculated by Missouri Department of Natural Resources, Division of Energy, from EIA Fuel Consumption Data

Fuel Consumption and Generation Data from United States Energy Information Administration, Form 923, United States Department of Energy  
<http://www.eia.gov/electricity/data/eia923>

Pollution control data (FGD and FGP equipment) from United States Energy Information Administration, Form 860, United States Department of Energy  
<http://www.eia.gov/electricity/data/eia860/index.html>

Emissions factors for fuel-based generation from United States Environmental Protection Agency "Emission Factors for Greenhouse Gas Inventories", November 7, 2011,  
<http://www.epa.gov/climateleadership/documents/emission-factors.pdf>