



Carrollton Board of Public Works
Electric Generation and Emissions in 2011

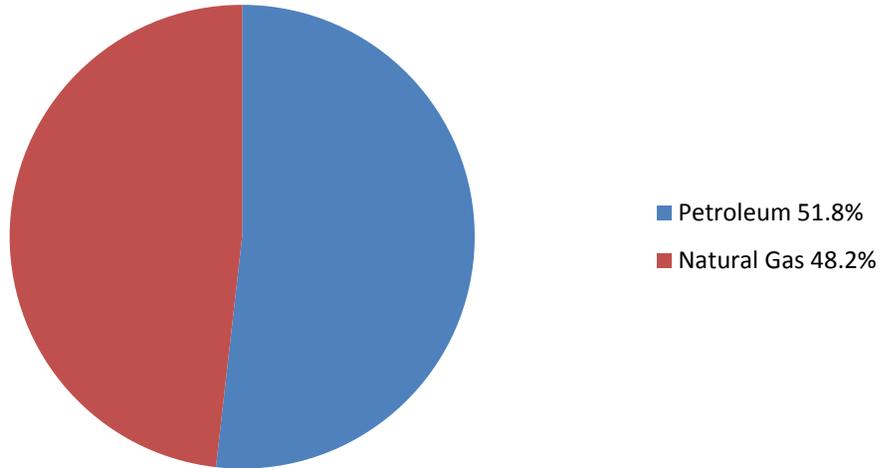
Generation Tables

	Fuel Consumption, MMBTUs	Percent of Total		Net Electric Power Generated, MWh	Percent of Total	
Non-renewable sources						
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						
Non-renewable total	6,009	100.0%	100.0%	270	100.0%	100.0%
Renewable sources						
Biomass						
Hydroelectric						
Landfill Gas						
Solar						
Waste Fuels						
Wind						
Wood						
Renewable total						
Grand total	6,009		100.0%	270		100.0%

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 Board of Public Works





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Power Plant Nameplate information for Carrollton Board of Public Works

Plant Name	County Location	Nameplate Capacity (MW)
<i>Carrollton Board of Public Works</i>		82.4
Carrollton	Carroll	82.4



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Emissions from Electricity Generated in 2011: Carrollton Board of Public Works

	CO2 Equivalent (TONS)	Carbon Dioxide (CO2) (TONS)	Methane (CH4) (TONS)	Nitrogen Dioxide (NO2) (TONS)
<i>Carrollton Board of Public Works</i>	<i>5,764</i>	<i>1,682</i>	<i>54</i>	<i>10</i>
Carrollton	5,764	1,682	54	10

	Sulfur Dioxide (SO2) (TONS)	Annual Nitrogen Oxide (NOx) (TONS)	Summer Nitrogen Oxide (NOx) (TONS)
<i>Carrollton Board of Public Works</i>	<i>0</i>	<i>0.0000</i>	<i>0.0000</i>
Carrollton	0	0.0000	0.0000



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Identified Flue Gas Desulfurization (FGD) controls installed on plants operated by Carrollton Board of Public Works

Plant	Control Equipment	Sorbent Type
	No FGD Controls Installed	

Identified Flue Gas Particulate (FGP) controls installed on plants operated by Carrollton Board of Public Works

Plant	Control Equipment
	No FGP Controls Installed

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>