



**City of Bethany
Electric Generation and Emissions in 2011**

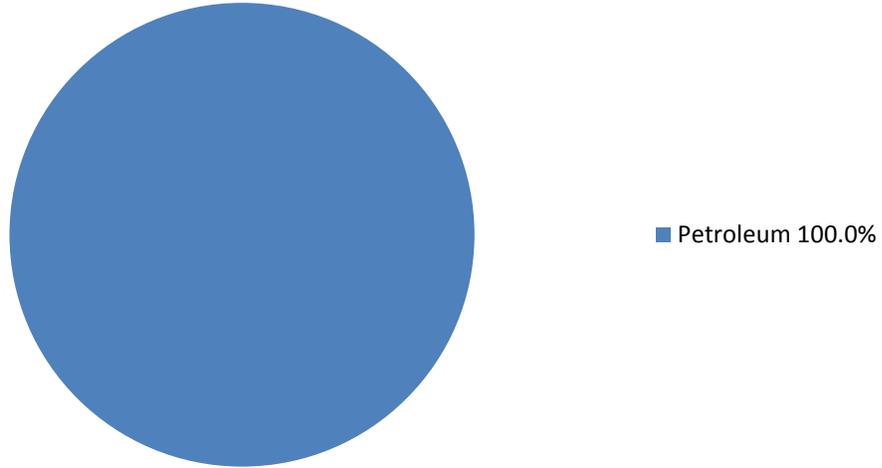
Generation Tables

	Fuel Consumption, MMBTUs	Percent of Total		Net Electric Power Generated, MWh	Percent of Total	
Non-renewable sources						
Coal						
Natural Gas						
Petroleum	1,538	100.0%	100.0%	91	100.0%	100.0%
Nuclear						
Other						
Non-renewable total	1,538	100.0%	100.0%	91	100.0%	100.0%
Renewable sources						
Biomass						
Hydroelectric						
Landfill Gas						
Solar						
Waste Fuels						
Wind						
Wood						
Renewable total						
Grand total	1,538		100.0%	91		100.0%

Fuel Type	Physical Units	Number of Units
Distillate Fuel Oil	Barrels	265



Net Generation by Fuel Type, 2011 for City of Bethany





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Power Plant Nameplate information for City of Bethany

Plant Name	County Location	Nameplate Capacity (MW)
<i>City of Bethany</i>		28.8
Bethany	Harrison	22.4
Bethany II	Harrison	6.4



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Emissions from Electricity Generated in 2011: City of Bethany

	CO2 Equivalent (TONS)	Carbon Dioxide (CO2) (TONS)	Methane (CH4) (TONS)	Nitrogen Dioxide (NO2) (TONS)
<i>City of Bethany</i>	2,185	497	20	4
Bethany	1,253	285	12	2
Bethany II	932	212	9	2

	Sulfur Dioxide (SO2) (TONS)	Annual Nitrogen Oxide (NOx) (TONS)	Summer Nitrogen Oxide (NOx) (TONS)
<i>City of Bethany</i>	0	0.0000	0.0000
Bethany	0	0.0000	0.0000
Bethany II	0	0.0000	0.0000



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Identified Flue Gas Desulfurization (FGD) controls installed on plants operated by City of Bethany

Plant	Control Equipment	Sorbent Type
	No FGD Controls Installed	

Identified Flue Gas Particulate (FGP) controls installed on plants operated by City of Bethany

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>