



Cow Branch Wind Power LLC
Power Plant Name: Cow Branch Wind Power LLC
Electric Generation and Emissions in 2011

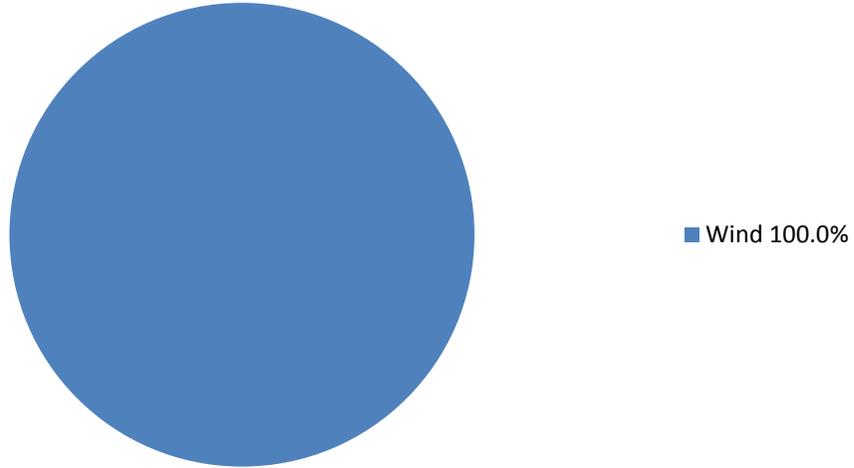
Generation Tables

	Fuel Consumption, MMBTUs	Percent of Total		Net Electric Power Generated, MWh	Percent of Total	
Non-renewable sources						
Coal						
Natural Gas						
Petroleum						
Nuclear						
Other						
Non-renewable total						
Renewable sources						
Biomass						
Hydroelectric						
Landfill Gas						
Solar						
Waste Fuels						
Wind	1,211,011	100.0%	100.0%	124,641	100.0%	100.0%
Wood						
Renewable total	1,211,011	100.0%	100.0%	124,641	100.0%	100.0%
Grand total	1,211,011		100.0%	124,641		100.0%

Fuel Type	Physical Units	Number of Units
Wind	MMBTU	1,211,011



Net Generation by Fuel Type, 2011 for Cow Branch Wind Power LLC





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Natural Resources

Power Plant Nameplate information for Cow Branch Wind Power LLC

Plant Name	County Location	Generator	Generator Type	Generator Status	Nameplate Capacity (MW)
<i>Cow Branch Wind Power LLC</i>		<i>All Operating Generators</i>			<i>201.6</i>
Cow Branch Wind Power LLC	Atchison	1	Wind Turbine, Onshore	Operating - in service	201.6



Emissions from Electricity Generated in 2011: Cow Branch Wind Power LLC

	CO2 Equivalent (TONS)	Carbon Dioxide (CO2) (TONS)	Methane (CH4) (TONS)	Nitrogen Dioxide (NO2) (TONS)
Cow Branch Wind Power LLC	0	0	0	0

	Sulfur Dioxide (SO2) (TONS)	Annual Nitrogen Oxide (NOx) (TONS)	Summer Nitrogen Oxide (NOx) (TONS)
Cow Branch Wind Power LLC	0	0.0000	0.0000

Identified Flue Gas Desulfurization (FGD) controls installed on Cow Branch Wind Power LLC power plant

Plant	Control Equipment	Sorbent Type
	No FGD Controls Installed	

Identified Flue Gas Particulate (FGP) controls installed on Cow Branch Wind Power LLC power plant

Plant	Control Equipment
	No FGP Controls Installed



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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>