



**Cow Branch Wind Power LLC
Electric Generation and Emissions in 2010**

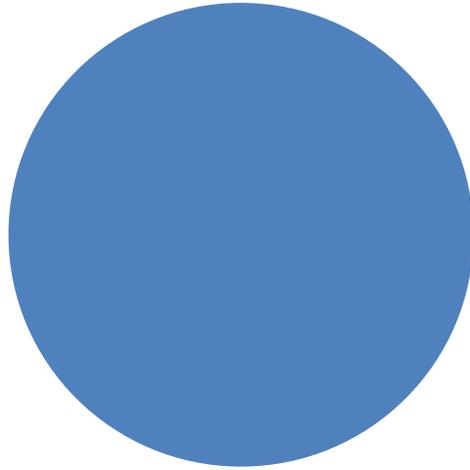
Generation Tables

	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	944,752	100.0%	100.0%	96,838	100.0%	100.0%
Wood						
Renewable total	944,752	100.0%	100.0%	96,838	100.0%	100.0%
Grand total	944,752		100.0%	96,838		100.0%

Fuel Type	Physical Units	Number of Units
Wind	MMBTU	944,752



Net Generation by Fuel Type, 2010 for Cow Branch Wind Power LLC



■ Wind 100.0%



Missouri
Department of
Natural Resources

Power Plant Nameplate information for Cow Branch Wind Power LLC

Plant Name	County Location	Nameplate Capacity (MW)
<i>Cow Branch Wind Power LLC</i>		<i>201.6</i>
Cow Branch Wind Power LLC	Atchison	201.6



Missouri
Department of
Natural Resources

Emissions from Electricity Generated in 2010: Cow Branch Wind Power LLC

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

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



Missouri
Department of
Natural Resources

Identified Flue Gas Desulfurization (FGD) controls installed on plants operated by Cow Branch Wind Power LLC

Plant	Control Equipment	Sorbent Type
	No FGD Controls Installed	

Identified Flue Gas Particulate (FGP) controls installed on plants operated by Cow Branch Wind Power LLC

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>