



**Empire District Electric Company
Power Plant Name: Ozark Beach
Electric Generation and Emissions in 2011**

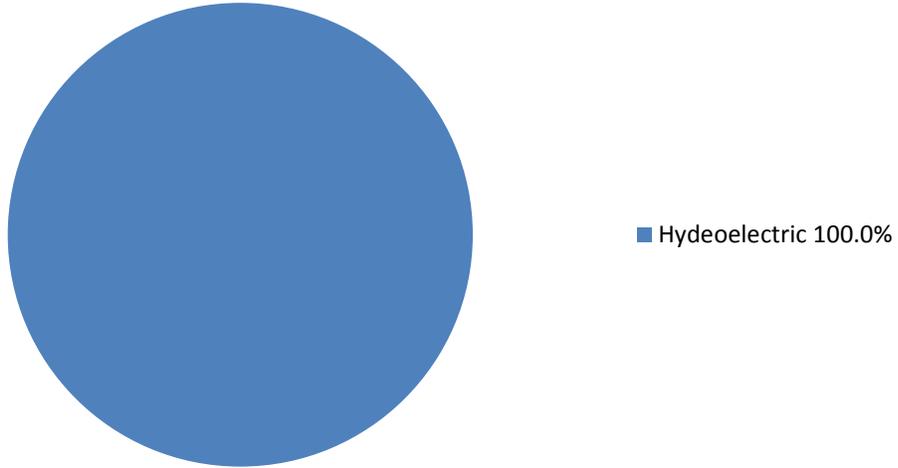
Generation Tables

	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	475,190	100.0%	100.0%	48,908	100.0%	100.0%
Landfill Gas						
Solar						
Waste Fuels						
Wind						
Wood						
Renewable total	475,190	100.0%	100.0%	48,908	100.0%	100.0%
Grand total	475,190		100.0%	48,908		100.0%

Fuel Type	Physical Units	Number of Units
Hydroelectric	MMBTU	475,190



Net Generation by Fuel Type, 2011 for Ozark Beach





Missouri
Department of
Natural Resources

Power Plant Nameplate information for Ozark Beach

Plant Name	County Location	Generator	Generator Type	Generator Status	Nameplate Capacity (MW)
<i>Ozark Beach</i>		<i>All Operating Generators</i>			<i>64.0</i>
Ozark Beach	Taney	5	Hydroelectric Turbine (includes turbines associated with delivery of water by pipeline)	Operating - in service	16.0
Ozark Beach	Taney	6	Hydroelectric Turbine (includes turbines associated with delivery of water by pipeline)	Operating - in service	16.0
Ozark Beach	Taney	7	Hydroelectric Turbine (includes turbines associated with delivery of water by pipeline)	Operating - in service	16.0
Ozark Beach	Taney	8	Hydroelectric Turbine (includes turbines associated with delivery of water by pipeline)	Operating - in service	16.0



Emissions from Electricity Generated in 2011: Ozark Beach

	CO2 Equivalent (TONS)	Carbon Dioxide (CO2) (TONS)	Methane (CH4) (TONS)	Nitrogen Dioxide (NO2) (TONS)
Ozark Beach	0	0	0	0

	Sulfur Dioxide (SO2) (TONS)	Annual Nitrogen Oxide (NOx) (TONS)	Summer Nitrogen Oxide (NOx) (TONS)
Ozark Beach	0	0.0000	0.0000

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

Plant	Control Equipment	Sorbent Type
	No FGD Controls Installed	

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

Plant	Control Equipment
	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>