



Missouri
Department of
Natural Resources

Power Plant: Marshall
Plant Owner: City of Marshall

Power generated in 2007 from non-renewable and renewable sources

	Power Generated in 2007 (MWh)	Percent of Total	
Non-renewable sources			
Coal-fired power	91,361.79	93.5%	
Natural gas-fired power	6,165.81	6.3%	
Oil-fired power	198.42	0.2%	
Nuclear power		0.0%	
Other non-renewable power		0.0%	
Non-renewable total	97,726.03	100.0%	99.9%
Renewable sources			
Hydroelectric Power		0.0%	
Wind		0.0%	
Waste and biomass	119.98	100.0%	
Solar		0.0%	
Geothermal		0.0%	
Renewable total	119.98	100.0%	0.1%
Grand total all sources	97,846.00		100.0%

Emissions of criteria pollutants, CO₂, CH₄ and Mercury: 2007

	Total Emitted (Tons)	Output-based rate (lbs per MWh)	Input-based rate (lbs per mmBTU)
Oxides of Nitrogen (NO _x) - Annual	667.65	13.65	1.00
Oxides of Nitrogen (NO _x) - May 1 to Sept 30	370.94	13.39	1.02
Sulphur dioxide (SO ₂)	3,911.46	79.95	5.88
Carbon dioxide (CO ₂)	133,441.42	2,727.58	200.46
Methane (CH ₄)	1.62	33.02	---
Mercury (HG ₃)	N/A	N/A	N/A

Toxic Releases

Hazardous Air Pollutants	67.18
Toxic Releases - Land	0.00
Toxic Releases - Water	0.00

Data Sources

Data for hazardous air pollutants and toxic releases is taken from the U. S. Environmental Protection Agency (EPA) Toxic Release Inventory (TRI). For more information see: <http://www.epa.gov.tri/>

Data for other emissions and generation is taken from EPA Office of Atmospheric Programs, eGRID (Emissions and Generation Resource Integrated Database) database, 2010. For more information see: <http://cfpub.epa.gov/egridweb/>

Note: The data provided includes only generation and emissions from power plants owned by the utility. It does not include generation or emissions from power purchased by the utility and distributed to its customers.



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Definitions

MWh Megawatthours (1000 kilowatthours)
mmBTU Million British Thermal Units