



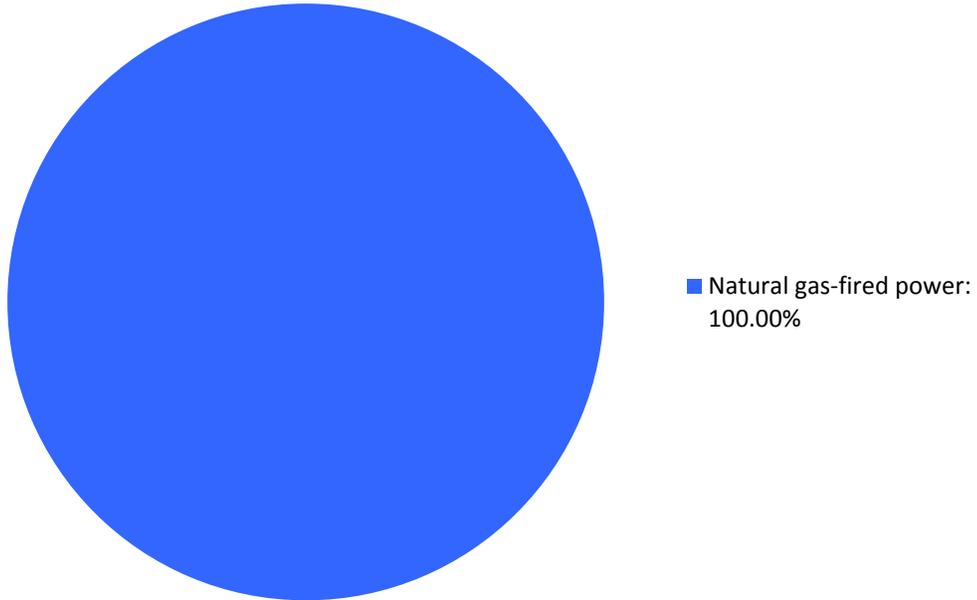
**Power Plant: St Francis Energy Facility
Plant Owner: Associated Electric Cooperative, Inc.
Power generated in 2009 from non-renewable and renewable sources**

	Fuel Consumption, MMBTUs	Percent of Total		Net Electric Power Generated in 2009 (MWh)	Percent of Total	
Non-renewable sources						
Coal-fired power						
Natural gas-fired power	4,242,698	100.00%		548,698	100.00%	
Oil-fired power						
Nuclear power						
Other non-renewable power						
Non-renewable total	4,242,698	100.00%	100.00%	548,698	100.00%	100.00%
Renewable sources						
Hydroelectric Power						
Wind						
Waste and biomass						
Solar						
Geothermal						
Landfill Gas						
Renewable total	0	0.00%	0.00%	0	0.00%	0.00%
Grand total all sources	4,242,698		100.00%	548,698		100.00%

Fuel Type	Physical Units	Number of Units
Natural Gas	Mcf	4,187,033



Net Generation by Fuel Type, 2009 for St Francis Energy Facility





**St Francis Energy Facility
Emissions from Electricity Generated in 2009**

Plant	Carbon Dioxide(CO2) (Tons)	Carbon Monoxide(CO) (Tons)	Ammonia (NH3) (Tons)	Nitrogen Oxides (NOx) (Tons)	Sulfur Dioxides (SO2) (Tons)
St Francis Energy Facility	257,274.11	26.29	19.42	42.76	1.44

Plant	Volatile Organic Compounds (VOC) (Tons)	Course Particulate Matter (PM10) (Tons)	Fine Particulate Matter (PM2.5) (Tons)	Mercury (Hg) (LBS)
St Francis Energy Facility	4.37	4.13	0.31	NV

'NV' = Emissions value not available.



Pollution controls installed on St Francis Energy Facility

SO2 Controls			
Plant	Control Equipment	Sorbent Type	Operational Efficiency
St Francis Energy Facility	No SO2 Controls Installed		

NOX Controls				
Plant	Device Type	Description	Capture Efficiency	Control Efficiency
St Francis Energy Facility	LOW NOX BURNERS	LOW NOX BURNERS	100.00%	40.00%
St Francis Energy Facility	SCR (SELECTIVE CATALYTIC REDUCTION)	SELECTIVE CATALYTIC REDUCTION (SCR)	100.00%	89.00%

Data Sources

- Emissions Data: Missouri Department of Natural Resources, Air Pollution Control Program, Missouri Emissions Inventory System (MOEIS)
<http://www.dnr.mo.gov/env/apcp/moeis/emissionsreporting.htm>
- CO2 Emissions calculated by Missouri Department of Natural Resources, Division of Energy, from EIA Fuel Consumption Data
- Fuel Consumption and Generation Data: United States Energy Information Administration, Form 923, United States Department of Energy
http://www.eia.gov/cneaf/electricity/page/eia906_920.html