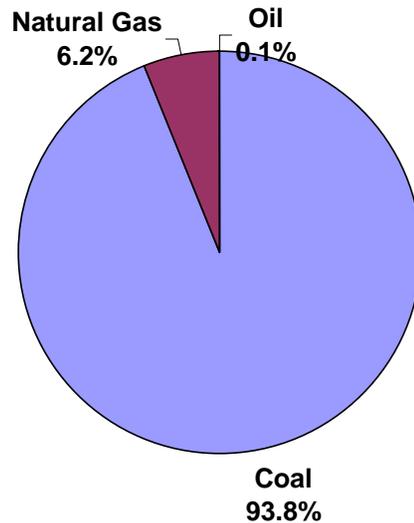




**Associated Electric Coop Inc. (AECI)  
Utility-Owned Electric Generation Sources & Emissions**

	Power generated in 2000 (MWh)	Percent of total	
Non-renewable sources			
Coal-fired power	15,196,394	93.8%	
Natural gas-fired power	997,406	6.2%	
Oil-fired power	13,192	0.1%	
Nuclear power	-		
Other non-renewable	-		
Non-renewable total	16,206,992		100%
Renewable sources			
Hydro power			
Waste & biomass			
Renewable total			
Grand total all sources	16,206,992		100%

**Generation sources in 2000 for Associated Electric Coop Inc.**



**Emissions from Electricity Generated in 2000**

	NO <sub>x</sub>	SO <sub>2</sub>	CO <sub>2</sub>
System emissions (tons) from electricity generated in 2000	62,842	34,769	18,085,431
Emissions (pounds) from electricity consumed by average residential customer using 12,000 kwh/year	93	51	26,782

**Source: U.S. Environmental Protection Agency, Office of Atmospheric Programs, eGRID (Emissions & Generation Resource Integrated Database) database, April 2003**

**Notes: 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.**

**Boone County Electric Co-op, which participates in Missouri's system of electric cooperatives, offers its customers the option of participating in a "Renewable Choice" program through which they can purchase renewable (wind) energy. "Green" electricity purchased through this program is acquired by AECl from Aquila, which markets green power and certified renewable credits based on electricity generated from wind turbines at two Kansas power plants - the Gray County Wind Farm and the Jeffrey Energy Center.**

**Missouri power plants owned and operated by AECl in 2000:**

Plant	County	Capacity (MW)	Primary fuel	Net Generation (MWh)
New Madrid	New Madrid	1,200.0	coal	7,598,982
Thomas Hill	Randolph	1,135.0	coal	7,607,425
St Francis	Dunklin	289.0	NG	642,577
Nodaway	Nodaway	207.3	NG	99,979
Essex	Stoddard	121.2	NG	55,273
Unionville	Putnam	46.0	oil	3,179