

Missouri Withdrawal* Water-Use Category	MGD Total	% Total
Thermoelectric	5,910	69.0%
Irrigation	1,400	16.3%
Public	836	9.8%
Domestic	62	0.7%
Livestock	73	0.9%
Industrial	68	0.8%
Mining	33	0.4%
Aquaculture	181	2.1%
Total	8,570	100%

Missouri Consumed Water-Use Category	MGD Total	% Total
Thermoelectric	95	3.5%
Irrigation	1,400	50.9%
Public	836	30.4%
Domestic	62	2.2%
Livestock	73	2.7%
Industrial	68	2.5%
Mining	33	1.2%
Aquaculture	181	6.6%
Total	2,748	100%

**Electric Power**                      **Withdrawal**  
Once Through  
Recirculating

**Consumptive Use**

MGD – Million Gallons per Day

\* Source: USGS Report, Estimated Use of Water in the United States in 2010 (Circular 1405), Published 2014  
Water used for hydroelectric-power generation is not included in this report. Note that MGD values are rounded.  
Reclaimed wastewater used as a source for thermo-electric power generation is not included in this report.

\*\* Assumed 1% of flow withdrawn is consumed for once-through plants - Source: EPRI Report 1006786,  
"Water & Sustainability (Volume 3): U.S. Water Consumption for Power Production - the Next Half Century"

\*\*\* Assumed 75% of Callaway withdrawal is consumed by evaporation (based on actual plant data)

Additional References:

EPRI Journal Article, Summer 2011, *Water Pressure - Meeting the Sustainability Challenge*

This article indicates "power generation accounts for some 40% of U.S. freshwater withdrawals. However, thermoelectric plants account for just 3.3% of freshwater consumption..."