

THE LANE LIST

KENTUCKY POWER PLANTS

FOR decades, Kentucky was the third-largest producer of coal in the United States. In 2016, Kentucky dropped to the fifth-largest, as coal-fired electricity generating plants that been customers of Kentucky mines were retired. Eighty-three percent of Kentucky's net electricity generation in 2016 was coal-fired, but a record 10 percent was natural gas-fired, according to the U.S. Energy Information Administration.

Kentucky has two oil refineries – Continental Refining (Somerset) and Marathon Petroleum (Catlettsburg) – with a combined processing capacity in 2016 of about 278,500 barrels per calendar day.

NAME	LOCATION	TYPE
Barkley Dam	Cumberland River	Hydroelectric
Big Sandy Unit 1	Louisa	Natural gas
Bluegrass Station (EKPC)	La Grange	Natural gas
Cane Run Generating Station (LG&E/KU)	Louisville	Natural gas
Cannelton Hydroelectric Project	Hawesville	Hydroelectric
D. B. Wilson Station (Big Rivers Electric)	Centerville	Coal-fired
Dix Dam Hydro Plant (LG&E/KU)	Dix River	Hydroelectric
E.W. Brown Generating Station (LG&E/KU)	Near Harrodsburg	Hydroelectric, coal-fired, solar, natural gas/fuel oil turbines
Ghent Generating Station (LG&E/KU)	Carrollton	Coal-fired
Henderson Station (Big Rivers Electric)	Henderson	Coal-fired
H. L. Spurlock Station (EKPC)	Near Maysville	Coal-fired
J. K. Smith Station	Trapp	Combustion turbines running on natural gas or fuel oil
John Sherman Cooper Station (EKPC)	Near Somerset	Coal-fired
Kenneth C. Coleman Station (Big Rivers Electric)	Hawesville	Coal-fired
Kentucky Dam (TVA)	22 miles upstream from the confluence of the Tennessee River with the Ohio River	Hydroelectric
Laurel River Dam	Laurel River Lake	Hydroelectric
Mill Creek Generating Station (LG&E/KU)	Southwest Jefferson County	Coal-fired
Mother Ann Lee	Near Harrodsburg	Hydroelectric
Ohio Falls Hydro Station (LG&E/KU)	On the river, near Louisville	Hydroelectric
Paradise Fossil Plant (TVA)	Paradise	Coal-fired
Robert D. Green Station (Big Rivers Electric)	Robards	Coal-fired
Robert A. Reid Station (Big Rivers Electric)	Robards	Coal-fired
Shawnee Fossil Plant (TVA)	Near Paducah	Coal-fired
Smithland Hydroelectric Project	Smithland	Hydroelectric
Trimble County Generating Station (LG&E/KU)	Milton	Coal-fired
Wolf Creek Dam	Russell County	Hydroelectric

KENTUCKY POWER GENERATING CAPACITY

(figures for March 2017)

	KENTUCKY TOTAL	KENTUCKY SHARE OF U.S.
Electric Power Industry Net Summer Capacity	20,120 MW	1.9%
Total Net Electricity Generation	5.714 million MWh	1.8%

SOURCE OF KENTUCKY POWER GENERATION

	SHARE WITHIN KENTUCKY	SHARE OF U.S. TOTAL
Petroleum-Fired	0.1%	0.3%
Natural Gas-Fired	9.2%	29.1%
Coal-Fired	81.5%	28.2%
Nuclear	0%	20.5%
Renewables	7.9%	21.1%

Source: U.S. Energy Information Administration