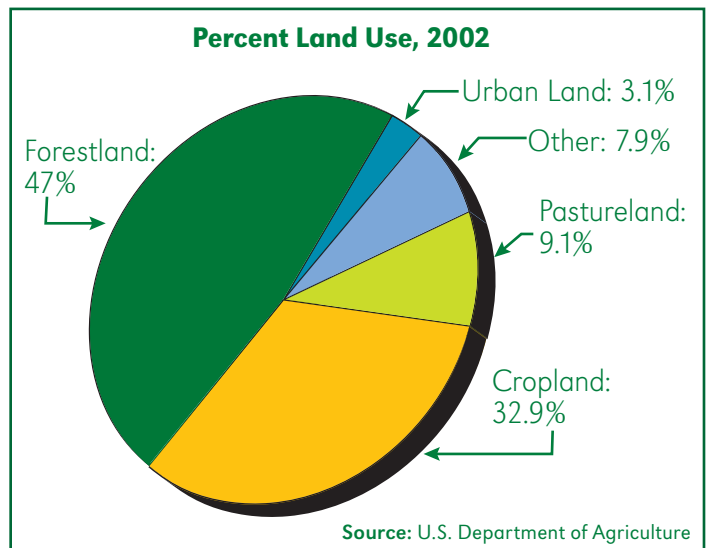
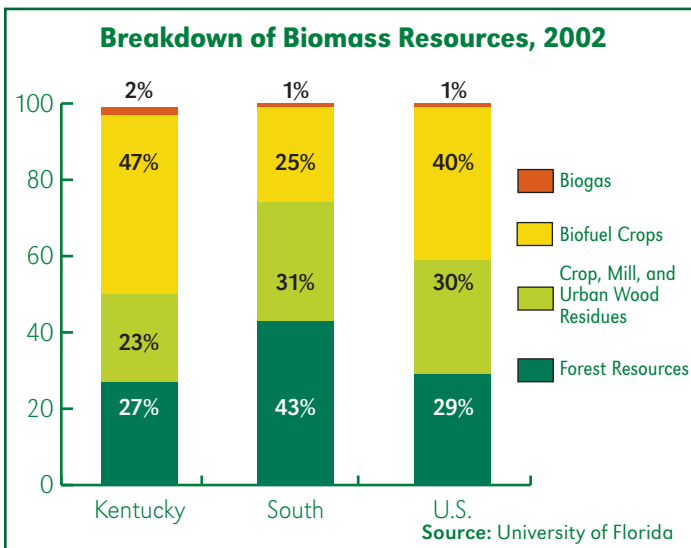
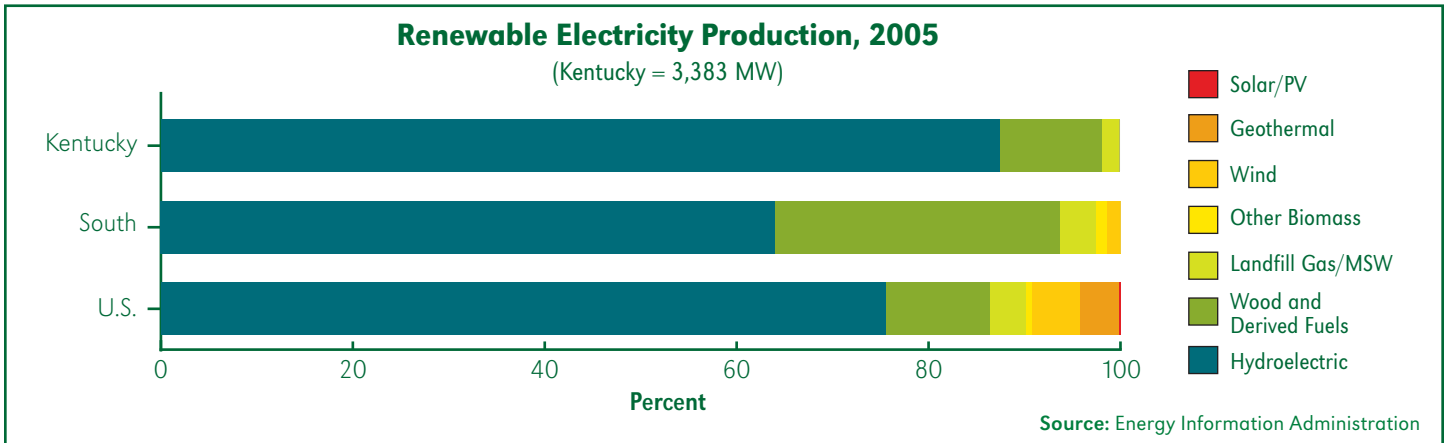
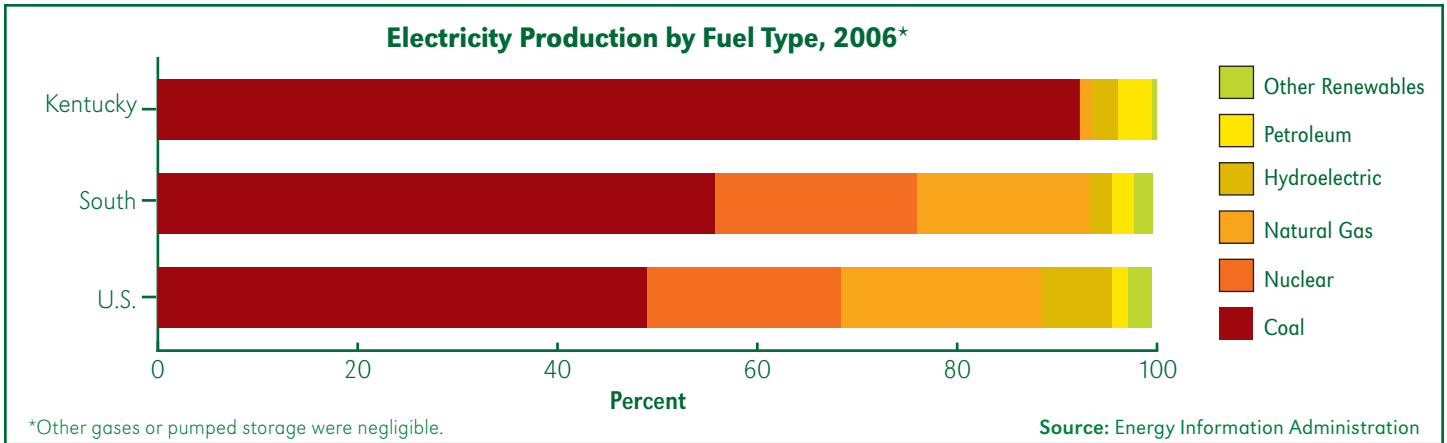


Bioenergy in Kentucky

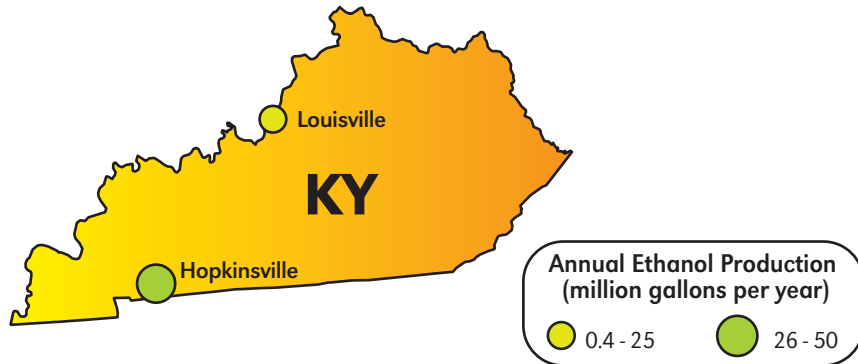
from the Southern Bioenergy Roadmap



The Southern Bioenergy Roadmap established that the South is in a unique position to create thousands of jobs through applying abundant natural resources and intellectual capital to the production of electricity and automotive fuel from plants, trees and waste – also known as biomass. Download the report at <http://www.saferalliance.net/projects/roadmap.html>.



Locations and capacities of current ethanol plants



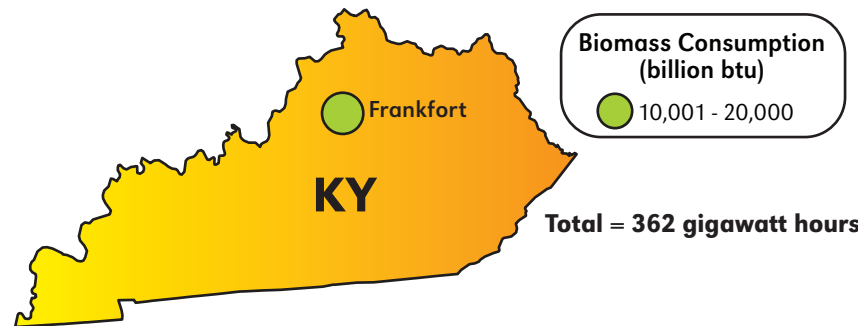
Source: Renewable Fuel Association, March 2009

Locations and capacities of current biodiesel plants



Source: National Biodiesel Board, March 2009

Locations and capacities of biomass fueled combined heat and electric power plants, 2007



Source: U.S. Department of Energy

Bioenergy Research Assets

- ◆ Center for Applied Energy Research
- ◆ Conn Center for Renewable Energy Research & Environmental Stewardship
- ◆ Kentucky Renewable Energy Consortium
- ◆ University of Kentucky
- ◆ University of Louisville



Projected Population Growth 2007-2030

Kentucky — 7%

South — 26%

U.S. — 21%

Source: U.S. Census Bureau

Direct and indirect economic contributions of biopower generation by heat and electric plants in Kentucky, 2007*

Revenues (Million \$)	Personal & Business Income (Million \$)	Employment (Jobs)
112	63	1,841

*Additional research needs to be done to assess current and potential economic impacts of biofuel plants.

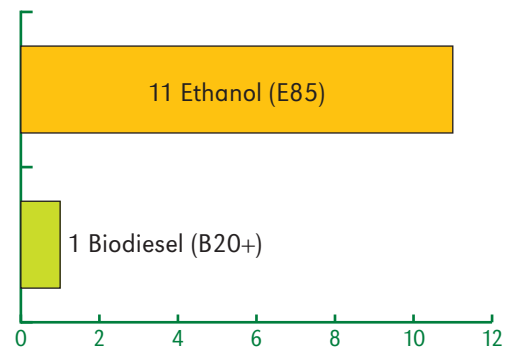
Source: University of Florida

State Bioenergy Policies, 2008

	Yes	No
State Energy Plan	X	
Renewable Fuels Standard		X
Renewable Portfolio Standard		X
Financial Support	X	

Source: University of Florida

Alternative Fueling Stations in Kentucky, 2008



Source: Alternative Fuels Data Center