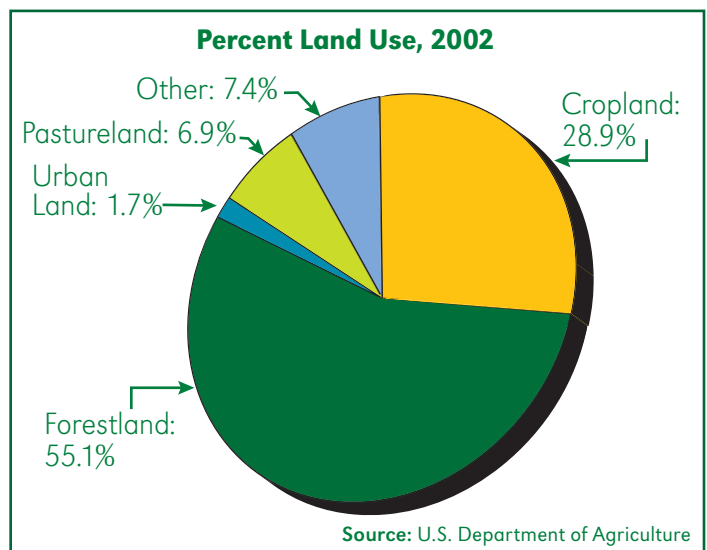
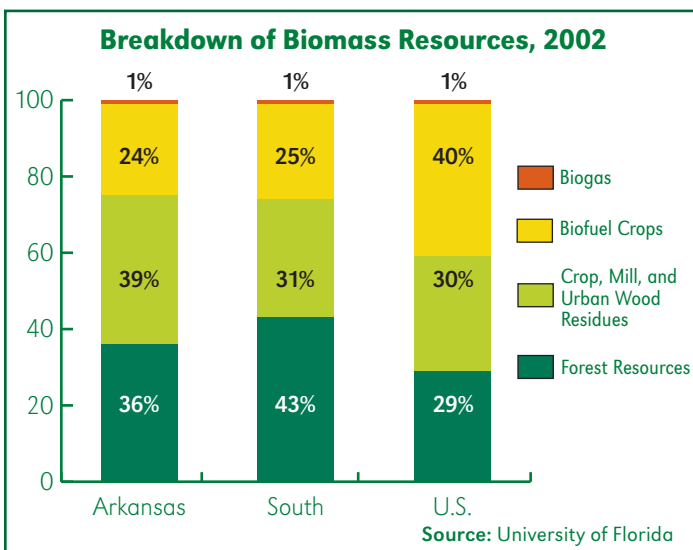
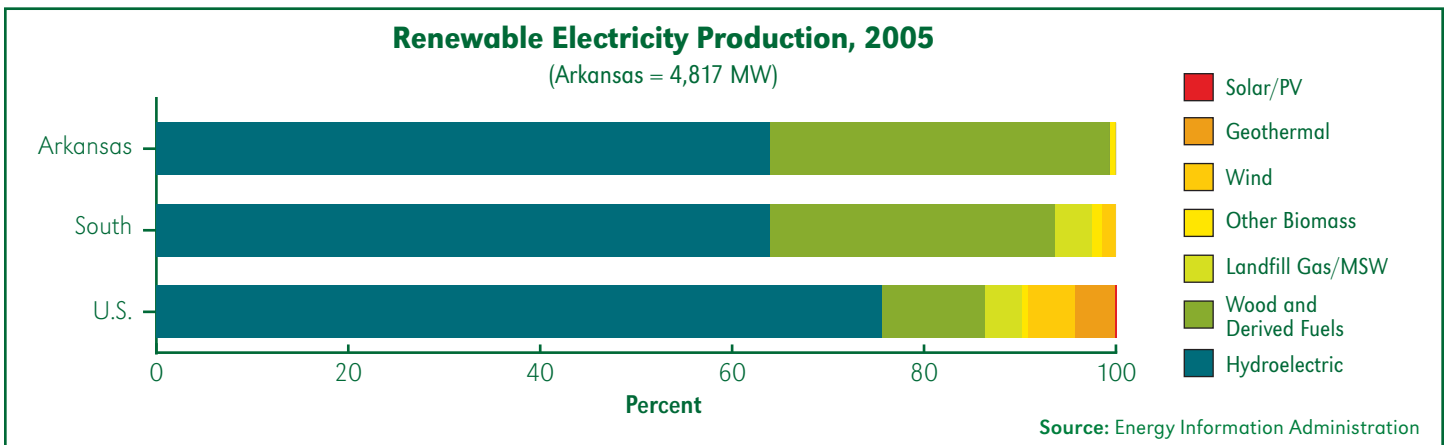
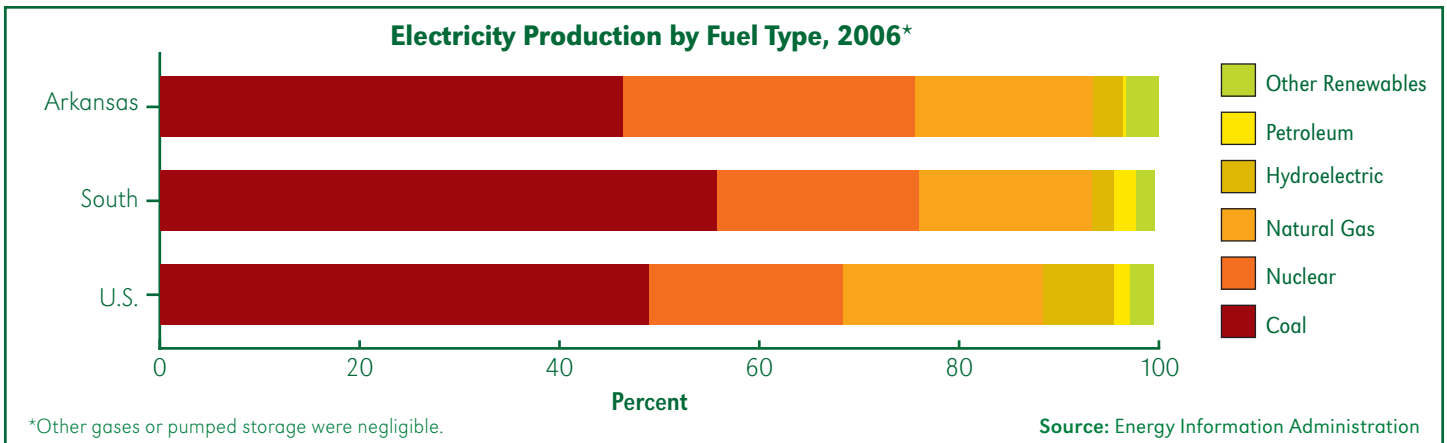


# Bioenergy in Arkansas

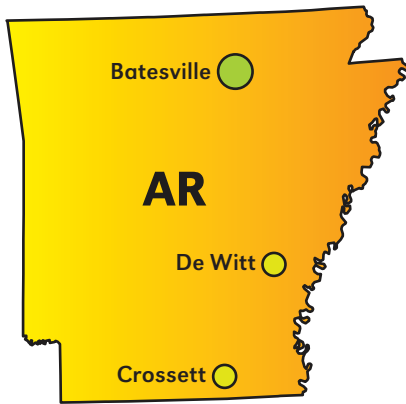
## from the Southern Bioenergy Roadmap



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 biodiesel plants



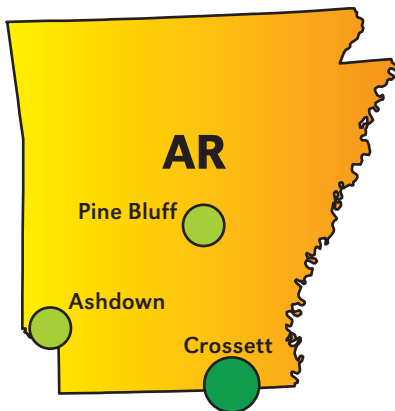
### Biodiesel Production (million gallons per year)



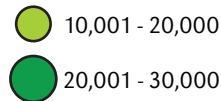
There are no ethanol plants in Arkansas.

Source: National Biodiesel Board, March 2009

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



### Biomass Consumption (billion btu)



Total = 1,370 gigawatt hours

Source: U.S. Department of Energy

## Bioenergy Research Assets

- ◆ Arkansas State University, Beebe
- ◆ Arkansas State University, Jonesboro
- ◆ Arkansas Tech University
- ◆ Henderson State University
- ◆ Southern Arkansas University
- ◆ University of Arkansas, Fayetteville
- ◆ University of Arkansas, Fort Smith
- ◆ University of Arkansas, Little Rock



## Projected Population Growth 2007-2030

Arkansas — 14%

South — 26%

U.S. — 21%

Source: U.S. Census Bureau

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

Revenue (Million \$)	Personal & Business Income (Million \$)	Employment (Jobs)
495	284	7,894

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

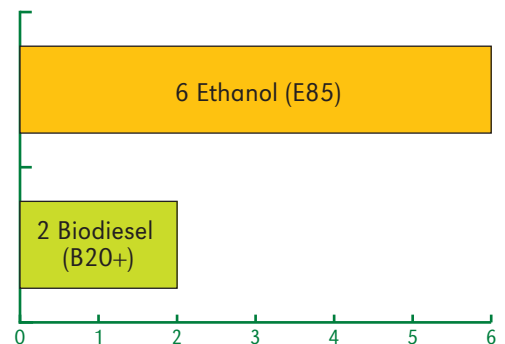
Source: University of Florida

## 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 Arkansas, 2008



Source: Alternative Fuels Data Center