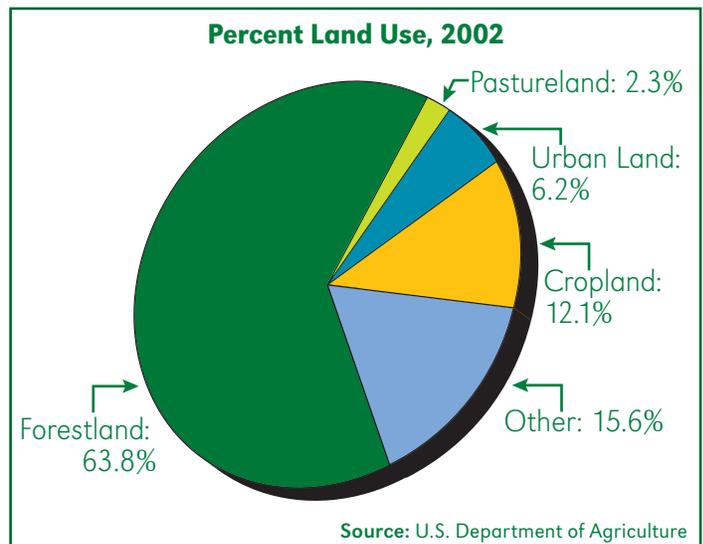
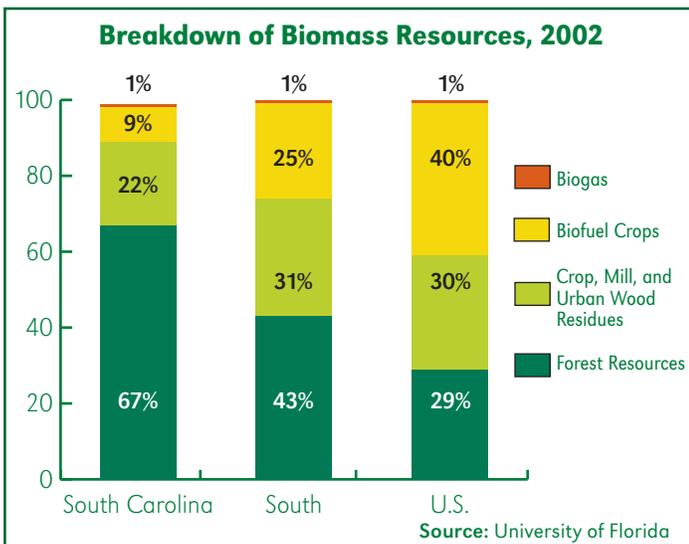
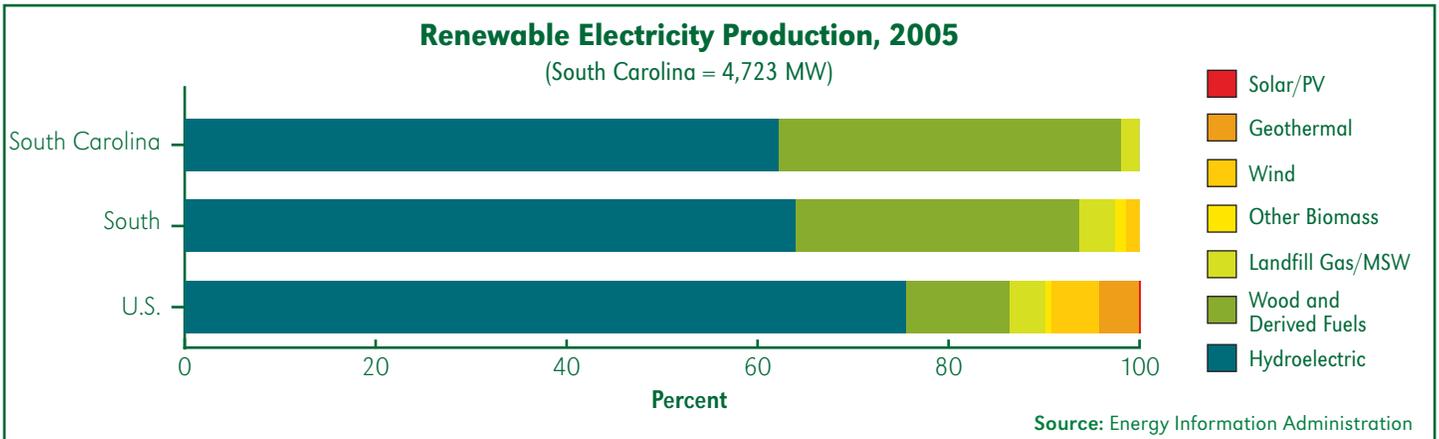
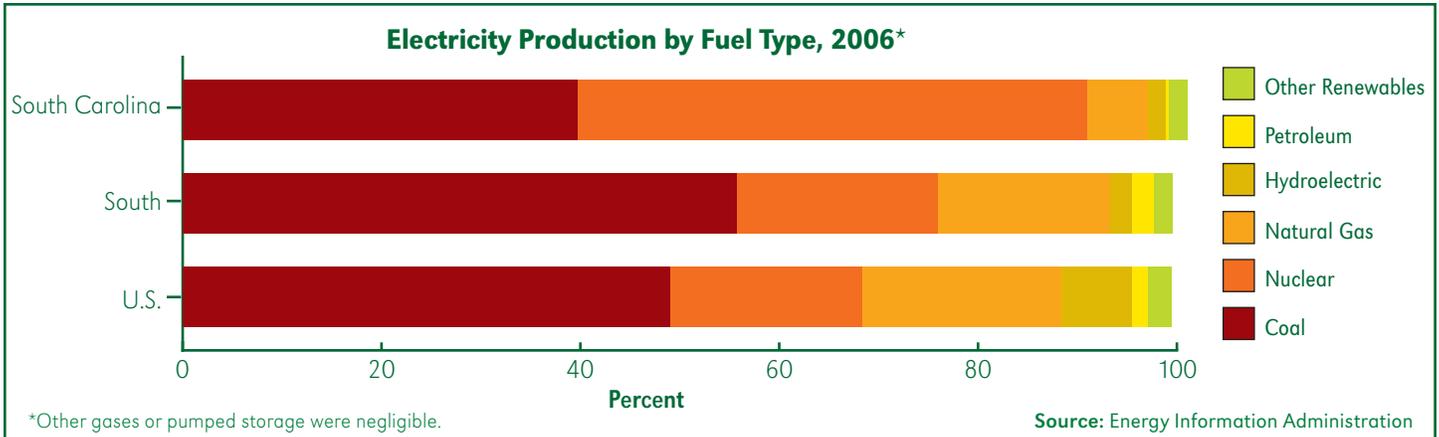


# Bioenergy in South Carolina

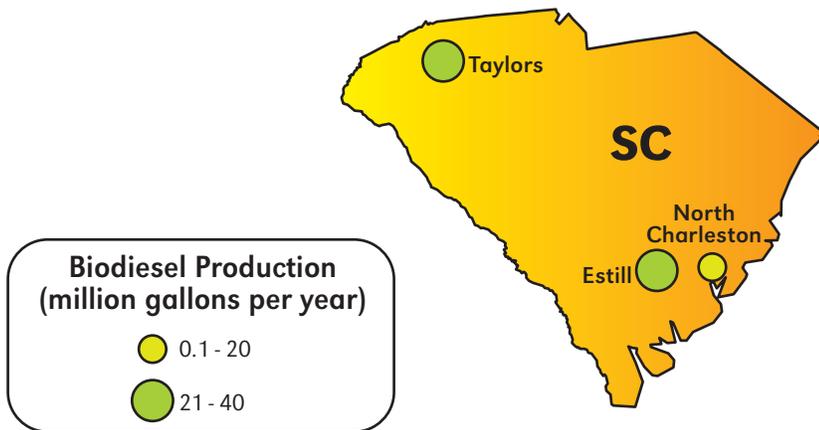
## from the Southern Bioenergy Roadmap



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>.



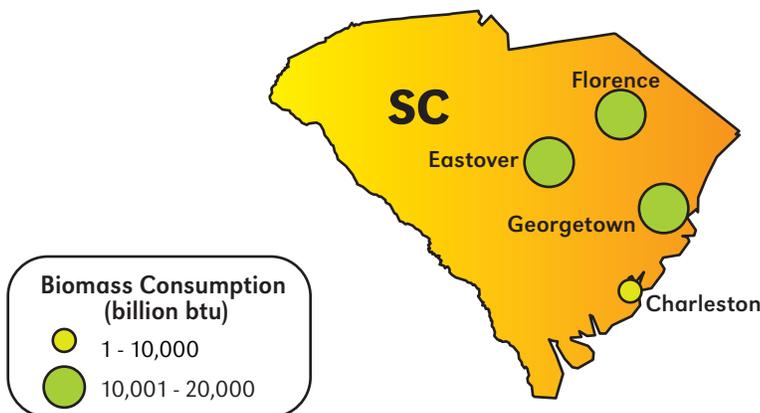
## Locations and capacities of current biodiesel plants



There are no ethanol plants in South Carolina.

Source: National Biodiesel Board, March 2009

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

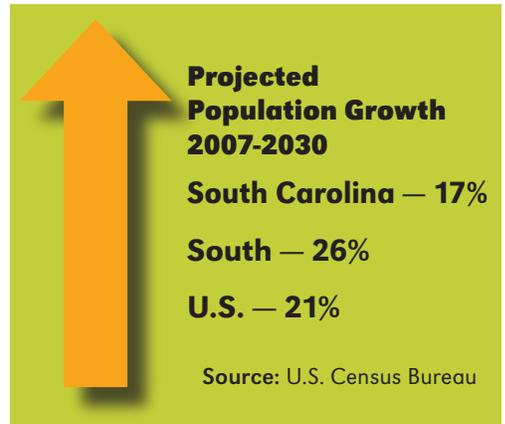


Total = 1,754 gigawatt hours

Source: U.S. Department of Energy

### Bioenergy Research Assets

- ◆ Arborgen
- ◆ Savannah River National Laboratory
- ◆ South Carolina Bioenergy Research Collaborative
- ◆ South Carolina Biomass Council
- ◆ Sustainable Institute for Energy Studies, Clemson University
- ◆ University of South Carolina



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

Revenues (Million \$)	Personal & Business Income (Million \$)	Employment (Jobs)
480	284	7,369

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

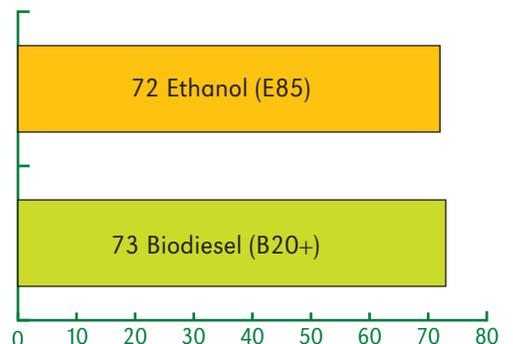
Source: University of Florida

### 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 South Carolina, 2008



Source: Alternative Fuels Data Center