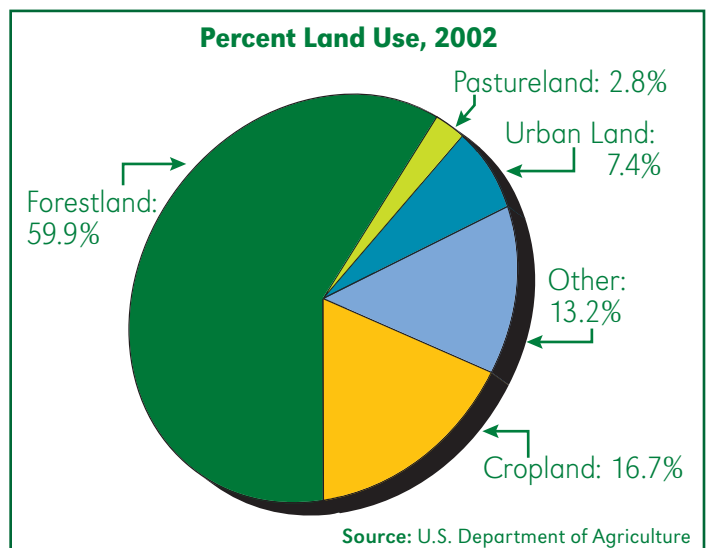
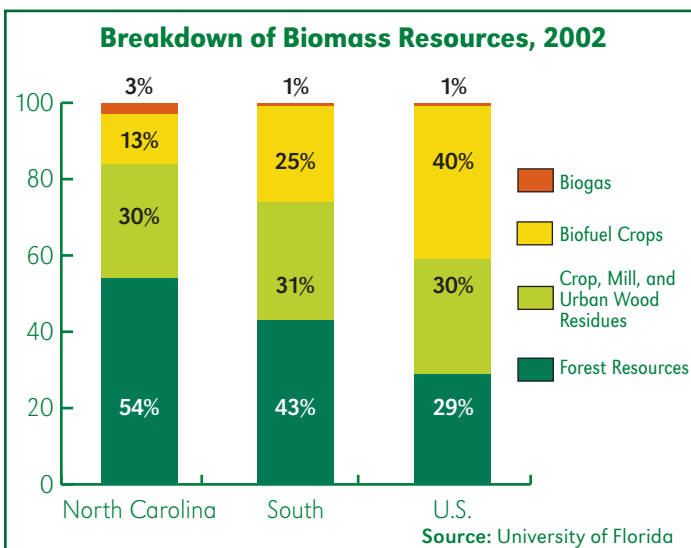
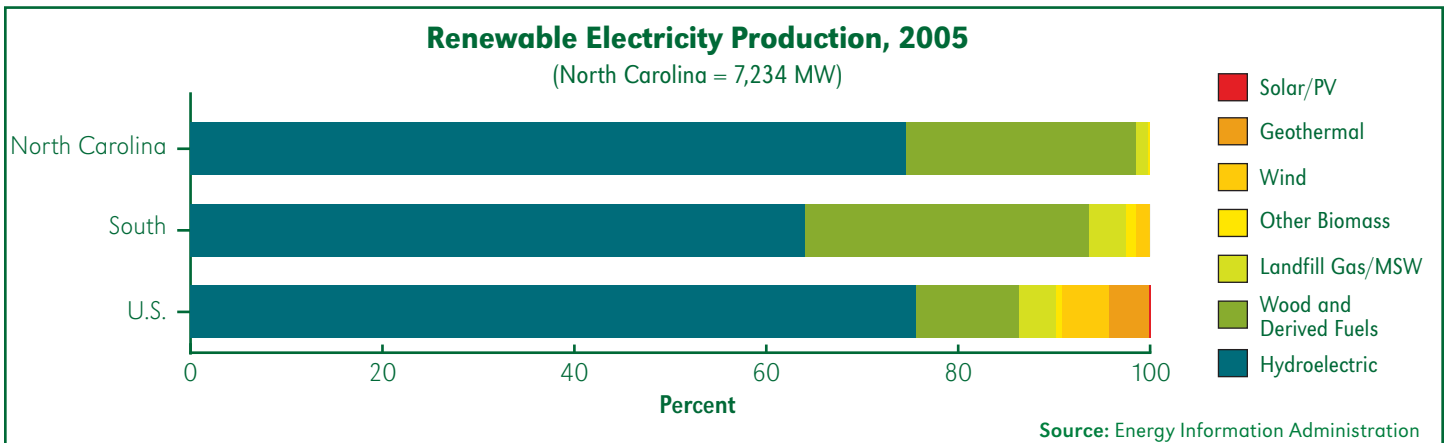
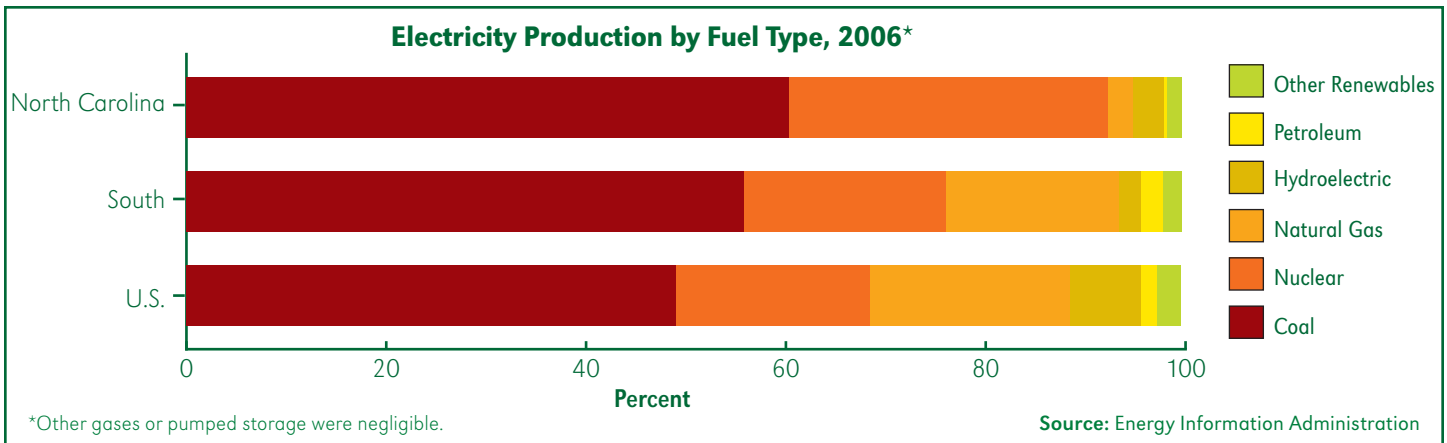


Bioenergy in North Carolina

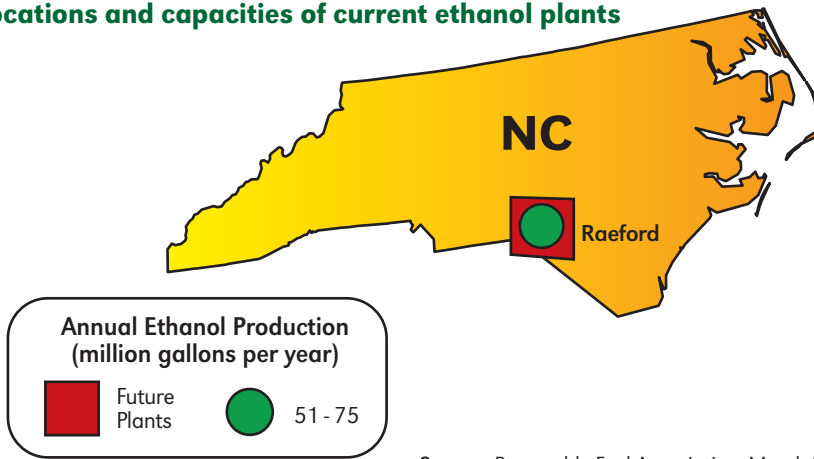
from the Southern Bioenergy Roadmap



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>.

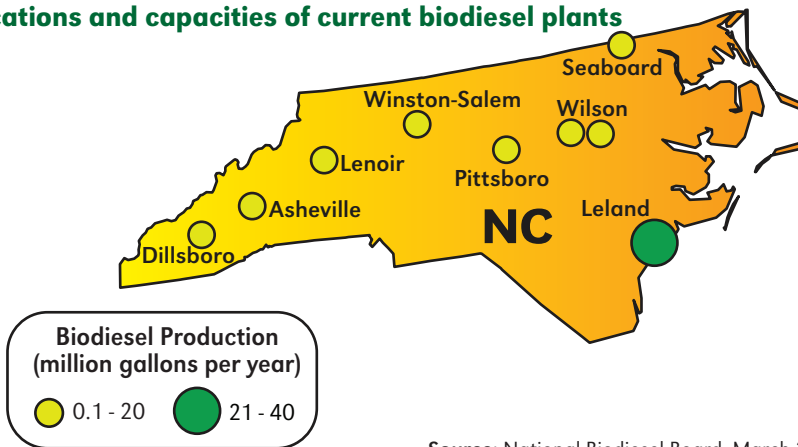


Locations and capacities of current ethanol plants



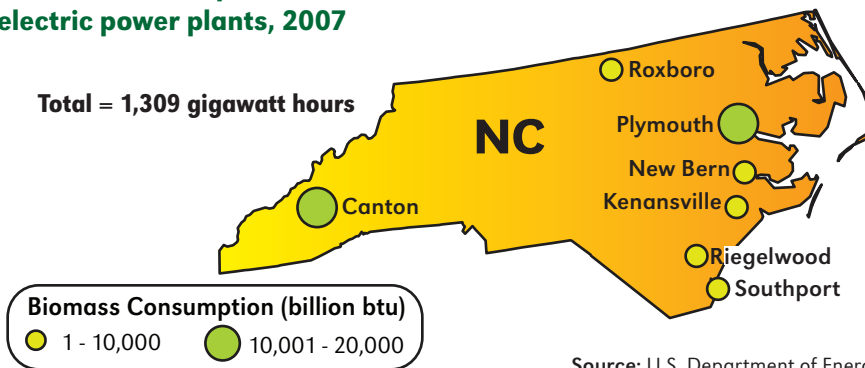
Source: Renewable Fuel Association, March 2009

Locations and capacities of current biodiesel plants



Source: National Biodiesel Board, March 2009

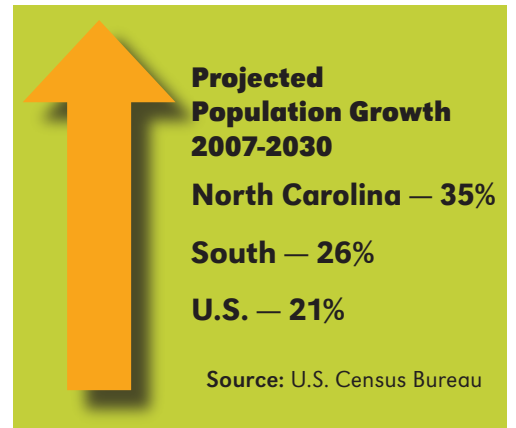
Locations and capacities of biomass fueled combined heat and electric power plants, 2007



Source: U.S. Department of Energy

Bioenergy Research Assets

- ◆ Appalachian State University
- ◆ Biofuels Center of North Carolina
- ◆ Central Carolina Community College
- ◆ East Carolina University
- ◆ Elizabeth City State University
- ◆ North Carolina Agricultural and Technical State University
- ◆ North Carolina Biotechnology Center
- ◆ North Carolina Central University
- ◆ North Carolina State University
- ◆ Research Triangle Institute
- ◆ Southern Research Institute Carbons to Liquids
- ◆ University of North Carolina, Chapel Hill
- ◆ University of North Carolina, Charlotte
- ◆ University of North Carolina, Greensboro
- ◆ University of North Carolina, Pembroke
- ◆ University of North Carolina, Wilmington
- ◆ Western Carolina University



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

Revenues (Million \$)	Personal & Business Income (Million \$)	Employment (Jobs)
362	214	5,559

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

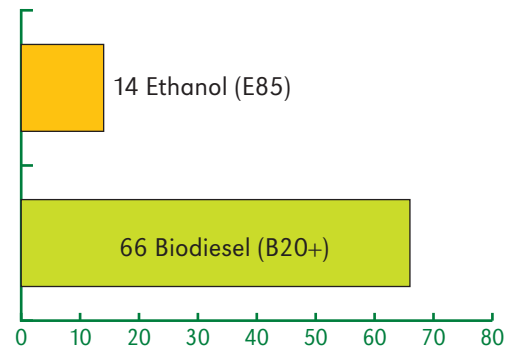
Source: University of Florida

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 North Carolina, 2008



Source: Alternative Fuels Data Center