

# MISSISSIPPI



PROJECT NAME	TYPE
Grand Gulf Plant, Port Gibson	Nuclear
Gulf LNG Energy, Jackson County	Natural Gas
Mississippi Power, Kemper County IGCC Plant	Coal

## Economic Overview

Population (2009 in thousands)	2,952
Personal Income per Capita (2009)	\$30,103
Employment (Aug 2010 in thousands)	1,166.7
Unemployment Rate (Aug 2010)	10.0%
Change in Jobs (Jan. 2008 – Aug. 2010)	-77,800
All State Government Expenditures	\$18.6 bn

## Electricity Costs (cents/kilowatt hour)

Residential (June 2010)	10.21
Commercial (June 2010)	9.35

## Benefits from Proposed Energy Projects

### Upfront Investment (total of all projects)

Total Economic Output (in PDV)	\$14,800,000,000
Employment Earnings (in PDV)	\$4,600,000,000
Average Annual Jobs	27,300

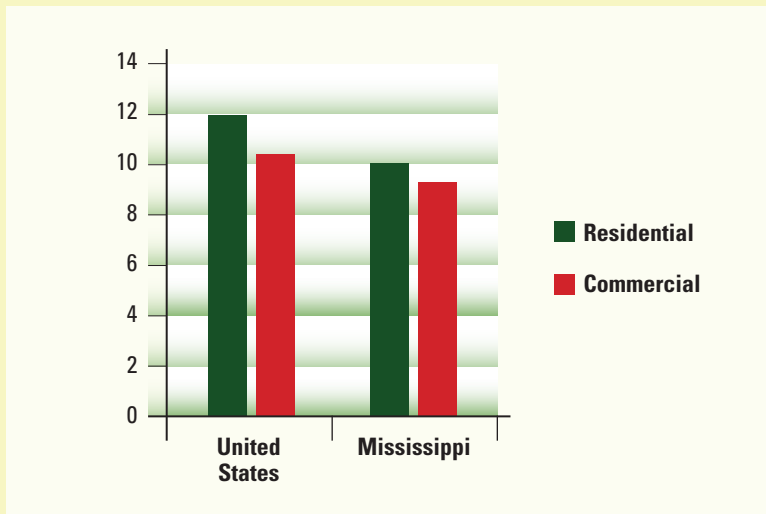
### First Year of Operations (total of all projects)

Total Economic Output (in PDV)	\$2,000,000,000
Employment Earnings (in PDV)	\$500,000,000
Average Jobs Created in Year 1	13,000

## Example Project

### Grand Gulf Plant, Port Gibson

In September 2005, a consortium of 12 nuclear companies (operating under the name NuStart) announced that it planned to seek a license for a new nuclear reactor at Entergy's Grand Gulf Nuclear Power Plant in Port Gibson, Mississippi. In March 2007, the U.S. Nuclear Regulatory Commission (NRC) issued an Early Site Permit for the project. In February 2008, Entergy Operations, Inc. submitted a Combined Operating License Application with the NRC for the project. The original reactor plans in the application specify a single, 1,550-megawatt Economic Simplified Boiling Water Reactor. Environmental and consumer groups opposed the project, and mounted a failed attempt to intervene against the Early Site Permit on a variety of grounds. In 2009, Entergy temporarily suspended the Grand Gulf Unit 3 application after it was unable to strike a deal regarding reactor designs. Entergy is reportedly examining different reactor technologies.



U.S. vs. Mississippi Electricity Costs (cents/kilowatt hours)