

FACT SHEET

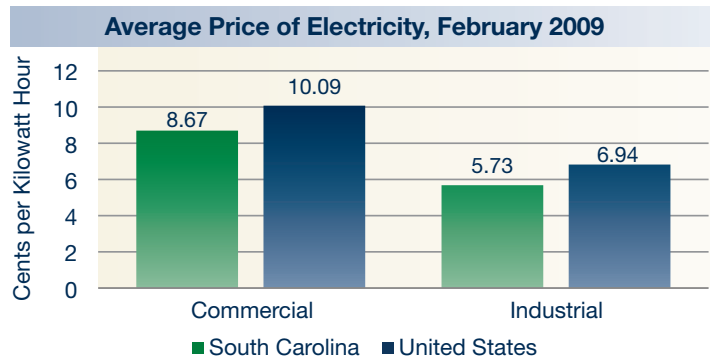
Energy

South Carolina provides low-cost, reliable energy and is an emerging provider of alternative energy.

LOW UTILITY COST *Better Bottom Line*

The size and number of utilities in the state have led to South Carolina having some of the region's most affordable power costs. Industrial power costs in the state average only 5.73 cents per kilowatt hour, one of the lowest rates in the nation and about 20 percent less than the national average of 6.94 cents per kilowatt hour. (Source: U.S. Energy Information Administration, *Electric Power Monthly*, May 2009. Data is from February 2009)

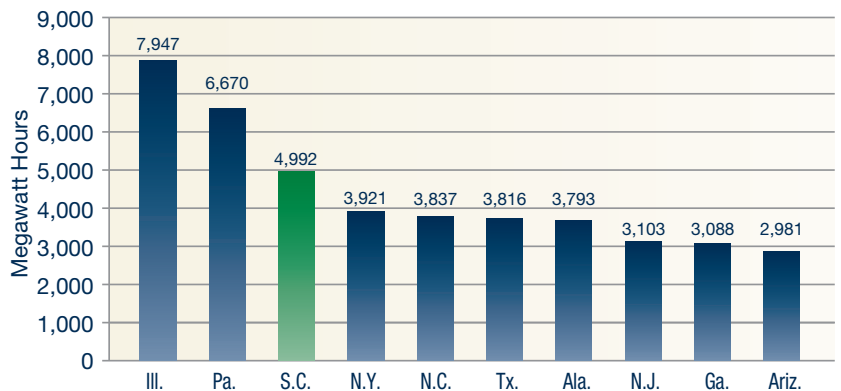
In addition to favorable rates, South Carolina's four major power providers have a combined capacity of 22.551 gigawatts of electric power, providing power to support the growth of industry in the state.



NUCLEAR POWER *A Leading Producer*

- South Carolina is the third largest net generator of energy from nuclear power in the United States and the largest in the Southeast, generating more than 4.9 million megawatt hours of energy from nuclear power.
- Pending approval of construction and licensing, plans are underway for several new nuclear reactors to come online in South Carolina, further increasing the state's capacity to produce cheap, yet clean and efficient energy.
- South Carolina already has many major nuclear contributors in the state including the Savannah River National Laboratory, Westinghouse Nuclear Fuel, Shaw and AREVA.

Top Ten Producers of Nuclear Energy in the United States



(Source: U.S. Energy Information Administration, Form EIA-906: Power Plant Report and State Energy Profiles, January 2009)

RECENT RANKINGS *South Carolina Recognized Nationally*

- South Carolina ranks sixth in the nation for alternative energy use on the 2008 State New Economy Index. (Source: *The Information Technology & Innovation Foundation and the Kauffman Foundation*, Nov. 2008)
- South Carolina ranked ninth nationally in the fastest-growing percentage of clean energy jobs. South Carolina is growing its clean energy economy faster than the U.S.

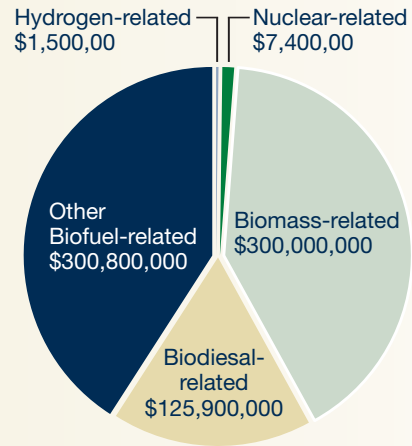
average, a national study found. In 2007, the state had 11,255 clean energy jobs and 884 clean energy businesses. It showed a 36.2 percent growth rate during a 10-year period, the Pew Charitable Trusts said in its new report, "The Clean Energy Economy: Repowering Jobs, Business and Investments Across America." Nationally, the clean energy economy grew 9.1 percent between 1998 and 2007, the report found. (Source: *The Clean Energy Economy*, The Pew Charitable Trusts, June 2009)

ALTERNATIVE ENERGY *A Promising Future*

South Carolina is poised to contribute to the alternative energy industry:

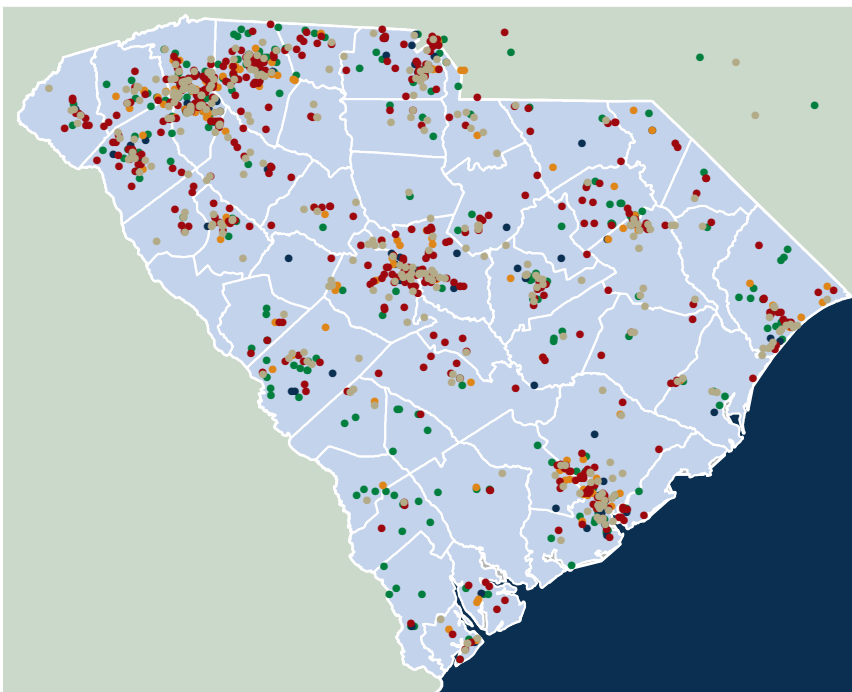
- Since 2006, the state has seen capital investments of over \$736 million and over 1,000 jobs created from alternative energy companies. *(Source: South Carolina Department of Commerce, Division of Research Capital Investment Reports)*
- The South Carolina Centers of Economic Excellence (CoEE) program has invested over \$15 million to help create and fund research activities in alternative energy at the state’s research universities for hydrogen, nuclear and solid oxide applications. *(Source: South Carolina Centers of Economic Excellence)*

Alternative Energy Capital Investment



ALTERNATIVE ENERGY *Potential Supply Chain in South Carolina*

The U.S. Department of Energy has funded the Renewable Energy Policy Project (REPP) which identifies potential manufacturers to contribute to an alternative energy supply chain. South Carolina currently has over 1,200 potential manufacturers for this supply chain. *(Sources: Dun & Bradstreet and U.S. Department of Energy REPP methodology)*



Number of Companies

● Potential Biomass Supply Chain	259
● Potential Wind, Solar & Biomass Supply Chain	68
● Potential Biomass & Geotherm Supply Chain	129
● Potential Wind Supply Chain	448
● Potential Solar Supply Chain	311