

# Plant Wansley

**Location**

Heard County, Georgia

**Fuel Resource**

Natural Gas

**Capacity**

1073 MW

**Ownership**

Southern Power



Southern Power operates two natural gas-fueled, combined-cycle electric-generating units located in Heard County near Carrollton, Georgia. The plant is used to generate electricity for the South – the fastest growing region in the country. The two units went online in June 2002.

**Size**

The two combined-cycle units have a combined capacity of 1,073 megawatts. The plant site also accommodates two of Georgia Power's coal-fired units with a combined capacity of 1,730 megawatts.

**Technology**

Combined-cycle technology is one of the cleanest and most efficient methods of producing electricity. With this technology, the power plant's combustion turbines make electricity by burning natural gas. Waste heat from the turbines is captured and reused to drive a separate steam turbine that produces additional electricity. Combined-cycle power plants produce high power outputs at high

efficiencies and with low emissions. The combustion turbine produces electricity at 18,000 volts, and the steam turbine produces electricity at 21,000 volts before being "stepped up" in a transformer to 500,000 volts for transmission.

**Economic Impact**

Plant Wansley provides millions of dollars in economic benefits to the city of Carrollton, Heard County and the state of Georgia. Nearby counties and the entire state also benefit by job availability and the economic development boost created by having immediate access to a reliable source of electric power.

Southern Power, a subsidiary of Southern Company, is a leading U.S. wholesale energy provider meeting the electricity needs of municipalities, electric cooperatives, investor-owned utilities, and commercial and industrial customers. Southern Power and its subsidiaries, some of which are owned in part with various partners, own or operate 49 facilities operating or under construction in 12 states with more than 11,864 MW of generating capacity in Alabama, California, Delaware, Georgia, Kansas, Maine, Nevada, New Mexico, North Carolina, Oklahoma, Texas and Washington.

Southern Company (NYSE: SO) is a leading energy company serving 9 million customers through its subsidiaries. The company provides clean, safe, reliable and affordable energy through electric operating companies in three states, natural gas distribution companies in four states, a competitive generation company serving wholesale customers across America, a leading distributed energy infrastructure company, a fiber optics network and telecommunications services. Southern Company brands are known for excellent customer service, high reliability and affordable prices below the national average. For more than a century, we have been building the future of energy and developing the full portfolio of energy resources, including carbon-free nuclear, advanced carbon capture technologies, natural gas, renewables, energy efficiency and storage technology. Through an industry-leading commitment to innovation and a low-carbon future, Southern Company and its subsidiaries develop the customized energy solutions our customers and communities require to drive growth and prosperity. Our uncompromising values ensure we put the needs of those we serve at the center of everything we do and govern our business to the benefit of our world. Our corporate culture and hiring practices have been recognized nationally by the U.S. Department of Defense, G.I. Jobs magazine, DiversityInc, Black Enterprise, Forbes and the Women's Choice Award. To learn more, visit [www.southerncompany.com](http://www.southerncompany.com).

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