

Nacogdoches Generating Facility

Location
Sacul, Texas

Capacity
115 MW

Fuel Resource
Biomass

Ownership
Southern Power



The Nacogdoches Generating Facility is a biomass-fueled electric generating plant located near Sacul in Nacogdoches County, Texas. The plant serves electricity needs in Austin, Texas, and began commercial operation in June 2012.

Size

The plant generates 115 megawatts and is one of the largest biomass power plants in the United States.

Technology

The plant consists of a bubbling fluidized-bed boiler, a condensing steam turbine generator with an evaporative cooling tower, wood fuel handling system and auxiliary support equipment. The plant is fueled with non-merchantable wood biomass materials, including forest residue from the surrounding areas, pre-commercial thinnings, wood processing residues and clean municipal wood waste.

Economic Impact

The Nacogdoches Generating Facility fulfills a 20 year contract to provide electricity to Austin Energy, based in Austin, Texas. The plant will pay about \$58 million in new taxes over 20 years and is investing in education in the community. Southern Company is also a proud participant in forestry education with Stephen F. Austin State University, located in Nacogdoches, endowing the Southern Power Forestry Scholarship in 2012.

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 other energy customers. Southern Power and its subsidiaries own or have the right to own 47 facilities operating or under construction in 11 states with more than 12,800 MW of generating capacity in Alabama, California, Florida, Georgia, Maine, Minnesota, Nevada, New Mexico, North Carolina, Oklahoma and Texas.

Atlanta-based Southern Company is America's premier energy company, serving 9 million customers through its subsidiaries with clean, safe, reliable and affordable energy. With electric utilities in four states, natural gas distribution utilities in seven states, a competitive generation company serving wholesale customers across the country and a nationally recognized provider of customized energy solutions, as well as fiber optics and wireless communications, Southern Company and its subsidiaries are inventing America's energy future.

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