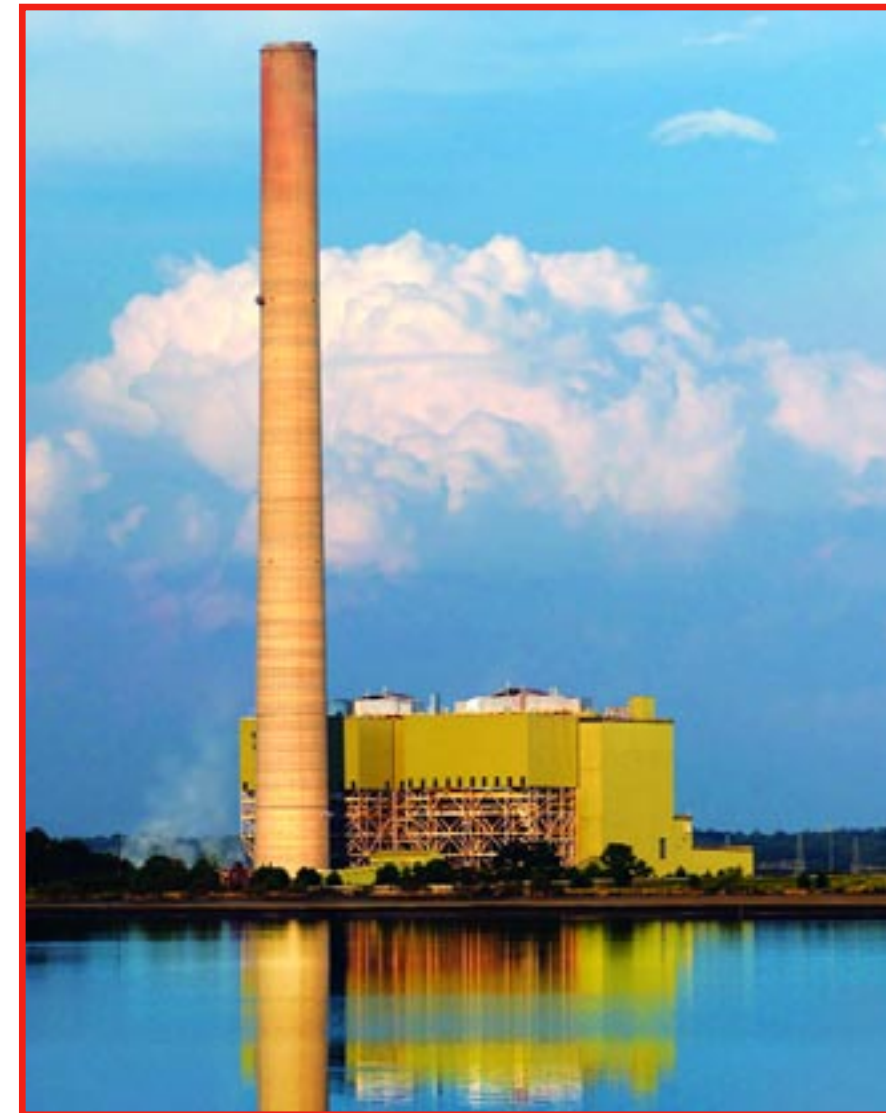


Plant Wansley
 Liberty Church Road
 Roopville, Georgia 30170
 770-854-4441
 For plant tours, call:
 770-854-3344



WANSLEY

Operated and Maintained By



OUR VISION :

To be the world's best energy company.

“The mark of true excellence is not in reaching the top but staying there.

We have the world's best people, plants and resources, and we must stay the best to help our business grow.”

– Paul Bowers
*President, Southern Company
 Generation and Energy Marketing*

PLANT WANSLEY

UNIT	FUEL	NAMEPLATE	OWNER	COMMISSION DATE
Unit 1	Coal	865 mw	GPC	1976
Unit 2	Coal	865 mw	GPC	1978
Unit 5A	Oil	50 mw	GPC	1980
Unit 6	Gas	568 mw	SPC	2002
Unit 7	Gas	568 mw	SPC	2002
Unit 8	Gas	520 mw	OPC	2003
Unit 9	Gas	503 mw	MEAG	2004
Ownership:	GPC 53%	OPC 30%	MEAG 15.1%	Dalton 1.4%

POWER FOR THE FUTURE

The Wansley Electric Generating Plant is situated on 5,200 acres in Heard and Carroll counties near Carrollton. The plant was named for Hal B. Wansley, former senior vice president of Georgia Power. Jointly owned by Georgia Power Company, Oglethorpe Power Corporation, Municipal Electric Authority of Georgia and Dalton Utilities, the plant represents a major commitment by these energy suppliers to ensure that an adequate supply of electricity is available now and well into the future for the citizens of Georgia.

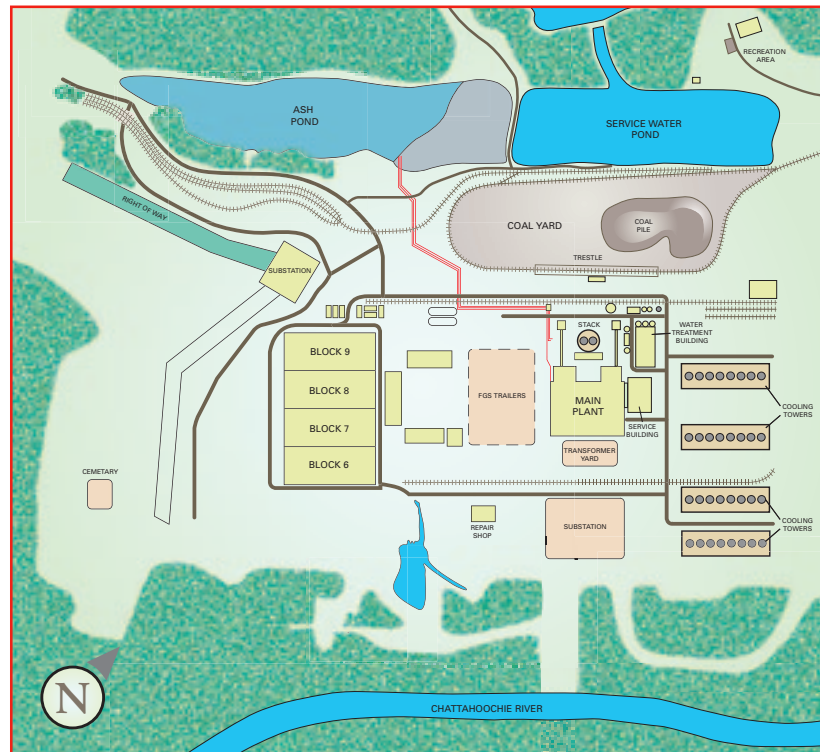
ABOUT THE PLANT



Plant Wansley consists of two 865 megawatt (MW) coal-fired units, one 60 MW oil-fired combustion turbine and four natural gas-fired combined-cycle power blocks. The combined cycle units have a total capacity of 2,159 MW. Support facilities at the site include the coal pile, three lakes totaling over 1,000 acres and two substations (500 kilovolt (KV) and 230 KV) that connect the generators to the Georgia Integrated Transmission System.

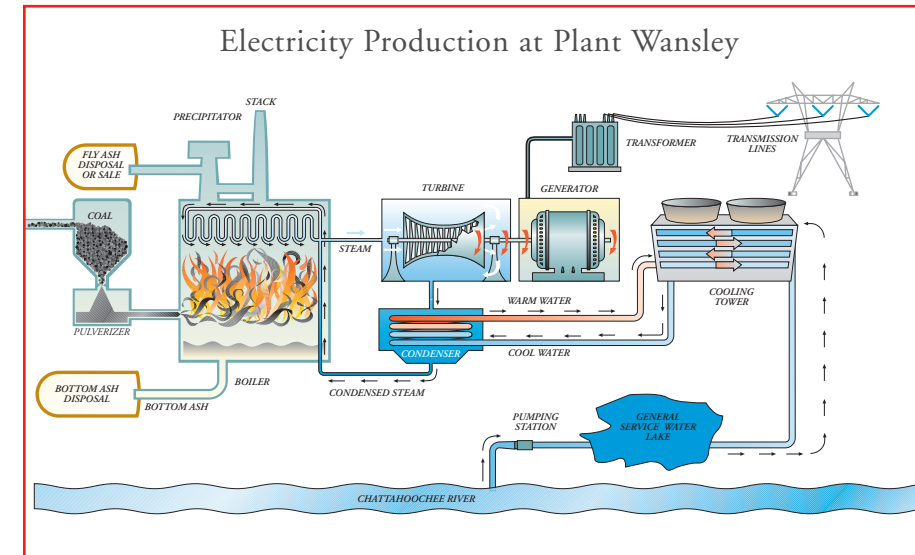
Unit One, the first of two self-contained coal-fired units, began commercial operation in December 1976. Unit Two followed in April 1978. Georgia Power, a Southern Company, operates the facility under contract with the joint owners.

The plant meets or exceeds requirements of state and federal agencies including the U.S. Environmental Protection Agency, the Georgia Environmental Protection Division, U.S. Department of Energy, U.S. Occupational Safety and Health Administration, and the U.S. Equal Employment Opportunity Commission.



HOW ELECTRICITY IS PRODUCED AT PLANT WANSLEY

Coal is delivered by 100-car trains carrying 10,000 tons of coal. At the plant, an automated unloading trestle empties the train in about 30 minutes and conveyor belts move the coal to the storage pile or the storage bunkers inside the



plant. The bunkers hold a 14-hour reserve; the coal pile target inventory is a 32-day supply.

Coal is coarsely crushed at the mine then crushed again at the plant as it travels to the storage bunkers inside the boiler house. A pulverizer below each bunker grinds the coal to a fine powder that is mixed in air and blown into the boiler through a network of pipes. With both units at full load, Plant Wansley burns about 14,000 tons of coal every 24 hours. Annual consumption averages four to five million tons.

Water passes through the boiler and leaves as steam at 1,000°F and 3,600 psi pressure. At full load, the turbine processes 6.2 million pounds of steam per hour to produce 920,000 kilowatt hours of electricity. The 18,000 volt generator output is boosted by transformers to 500,000 kilovolts for efficient transmission of the electricity over long distances.

As steam passes through the turbine, it gives up its usable energy to drive the generator. Low pressure steam leaves the turbine and flows into a



condenser where it is cooled and condensed into water. The condensate returns to the boiler to repeat the cycle. Water from the cooling towers flows through the condenser tubes, absorbing heat from the steam. The warm water returns to the cooling towers where it cools by evaporation and returns to the condenser. Cooling water does not mix with the demineralized condensate that is used in the boiler.

PLANT OPERATIONS

The plant is owned by Georgia Power Company (53.5%), Oglethorpe Power Corporation (30%), Municipal Electric Authority of Georgia – MEAG (15.1%) and City of Dalton (1.4%). Georgia Power operates and maintains the common facilities shared by all operating entities on the plant site under contract with the respective owners.



All aspects of plant operations are centrally controlled to maintain highest efficiency.

ENVIRONMENTAL COMPLIANCE

Georgia Power incorporates strict environmental standards into operating any generating facility and Plant Wansley is no exception. More than \$175 million has been invested in additional pollution control equipment for this facility since 1990.

Samples of the plant's coal supply are analyzed regularly to ensure it complies with state air-quality regulations. Electrostatic precipitators remove more than 99 percent of the fly ash from the boiler exhaust stream. Changes made since initial operation have reduced nitrogen oxide (NOx) emissions by almost 90 percent. These changes include a digital boiler control system, low NOx burners and Selective Catalytic Reactors. Opacity and gas monitors in the facility's 1,000-foot tall stack continually measure and record the plant's emissions. The use of cooling towers and the closed-loop steam cycle prevent thermal pollution in the Chattahoochee River.

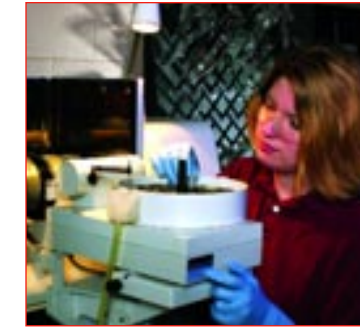
Environmental stewardship also is demonstrated through involvement in various habitat enhancement activities and participation by employees in environmental activities within the company and the community. Through the plant's recycling program, tons of cardboard, paper and metal are recycled annually.

Through participation in Southern Company's Environmental Excellence



Program, Plant Wansley monitors all environmental trends. Protecting the air, soil, water and wildlife is of paramount importance to Plant Wansley's employees. The Environmental Excellence Program helps create the highest possible awareness among workers. They take pride in seeing that their plant attains or exceeds all environmental regulations, helping to solidify the company's position as an environmental leader. It is Georgia Power's policy to comply with or exceed all environmental laws and regulations and Plant Wansley's management gives this issue its full attention.

(Top) Plant Wansley technicians perform environmental testing at its on-site lab. (Left) Environmental technicians regularly monitor the environment around the plant to ensure compliance with state and federal regulations.





Plant Wansley employs 230 people.

ECONOMIC IMPACT

Plant Wansley pays more than \$3.2 million annually in property and sales taxes on fuel to Heard and Carroll counties. The plant has a significant impact on the area's economy and will continue to do so throughout its operating life.

The facility permanently employs about 230 people, most of who live in Heard, Carroll and adjoining counties. It has an annual payroll of \$11.5 million.

SAFETY & HEALTH

The health and well-being of employees at Plant Wansley is of the utmost importance. Safety is top priority in each of the many daily work activities that stretch over this large facility. The employees' commitment to creating the safest work environment in the nation is exemplified by their various actions ranging from daily safety briefings, training and safety observations, to signs and banners and employee recognition programs.

The safety philosophy of all Plant Wansley workers can be summed up in one statement: "No job is so urgent or so important that it can't be done safely." Remembering this simple saying lets everyone know that the safety and health of employees truly is priority number one.

Fire response training is performed on a regular basis.



EMPLOYEE AND COMMUNITY SUPPORT

Plant Wansley's team of employees is the backbone of the plant. They participate in many programs through the Citizens of Georgia, a non-profit employee service organization.

Employees also actively participate and contribute to many community service organizations including March of Dimes, the American Cancer Society, United Way and the American Red Cross.



They act as mentors for school children and participate in programs such as powerTOWN, an electricity safety program and Environmental Teacher Corp. They are educating the community about energy, safety, and Georgia Power.

GEORGIA POWER

Georgia Power is the largest of six operating companies owned by Atlanta-based Southern Company, the largest investor-owned utility in the United States. The others are Alabama Power, Gulf Power, Mississippi Power, Savannah Electric and Southern Power. Southern Company is the premier energy company in the Southeast and a leading U.S. producer of electricity. It serves more than 4 million customers and has 37,000 megawatts of generating capacity.

Georgia Power contributes more than 14,000 megawatts to Southern Company's generation total. It supplies electricity to 97 percent of the state and has a transmission network serving 2 million customers. As of 2003, Georgia Power was operating 30 plants and 124 generating units within its service territory.

Fossil fuels account for about 78 percent of the electricity generated by Georgia Power. The remainder is supplied by nuclear and hydroelectric plants.

OGLETHORPE POWER CORPORATION

Oglethorpe Power Corporation is a \$4.8 billion power supply cooperative serving 39 of Georgia's 42 customer-owned electric membership corporations (EMCs). These EMCs provide electricity to more than 1.3 million homes representing more than 3 million Georgians. Oglethorpe Power is the nation's largest electric cooperative in assets, annual kilowatt-hour sales and ultimate consumers served.

MUNICIPAL ELECTRIC AUTHORITY OF GEORGIA

MEAG (Municipal Electric Authority of Georgia) is a public generation and transmission corporation formed in 1975 by the Georgia General Assembly, providing power to 49 retail municipal distribution systems in Georgia. MEAG has assets of nearly \$4.7 billion and co-owns four generating plants with generating capacity of 1,566 megawatts.



DALTON UTILITIES

One of the oldest power suppliers in Georgia, Dalton Utilities furnishes electricity for some 25,000 customers. It provides potable water, electrical, natural gas and wastewater treatment services to the city of Dalton and portions of Whitfield, Murray, Gordon, Catoosa and Floyd counties. Dalton Utilities is a joint owner with

Georgia Power, Oglethorpe Power and MEAG Power in the Integrated Transmission System of Georgia as well as two nuclear and two coal-fired generating facilities.

SOUTHERN POWER

Southern Power is the newest operating company owned by Atlanta-based Southern Company, the largest investor-owned utility in the United States. Southern Power owns, builds, manages and finances wholesale generating assets and sells to wholesale customers at market-based prices. The company has more than 4,375 megawatts of competitive generation and expects to have more than 6,000 megawatts on the market by 2005.

