

# Morgan Falls Hydro Project

**Location**  
Roswell, Ga.

**Primary Fuel**  
Hydro

**Capacity**  
16.8 megawatts

**Plant Manager**  
Arnold Lindsay

**Number of Employees**  
Approximately 10

**Ownership:** Georgia Power



## Overview

Located along a seven-mile stretch of the Chattahoochee River in Roswell just north of Atlanta, the Morgan Falls Hydro Project began commercially operating in 1904. Georgia Power operates the project in a modified run-of-river mode primarily to generate power and to re-regulate peaking flows from upstream Buford Dam. For more than 100 years, Georgia Power has used the natural energy of falling water to generate efficient and economical electricity for customers in metro Atlanta. Morgan Falls Hydro Project is capable of producing 16.8 megawatts of electricity, and can supply enough energy to power over 10,000 homes annually. Hydro power accounts for approximately 2 percent of Georgia Power's total generation output.

## Environmental Performance

Georgia Power incorporates strict environmental standards into operating its generating facilities; Morgan Falls Hydro Project is no exception. Hydroelectric operations are regulated by the Federal Energy Regulatory Commission (FERC). All Georgia Power hydro generation facilities meet compliance standards and maintain a FERC license.

We are continually working to ensure our generation fleet is balanced and diverse - including advanced coal and natural gas, nuclear and renewables, such as solar and wind. To ensure this balance while protecting our customers and our existing fleet, we are in the midst of a more than \$5 billion environmental construction program. Georgia Power is committed to delivering clean, safe, reliable and affordable energy. Hydroelectric power provides a clean, renewable energy source.

## Community Involvement and Stewardship

A commitment to the community has been the trademark of Georgia Power and its people since the company's founding in the 1880s. Today, that desire to serve is as strong as ever. Employees at the Morgan Falls Hydro Project are fully engaged in supporting their communities, education, environmental stewardship, and health and wellness. As dedicated volunteers, they take ownership for making our communities better places to live. In 2014, Morgan Falls donated approximately \$850 and 325 volunteer hours to the local community.

Many recreational opportunities are available within Morgan Falls Hydro Project's boundaries and are provided by entities such as the National Park Service, the city of Roswell, Fulton County and Georgia Power. Three land units of the Chattahoochee River National Recreation Area abut portions of the impoundment reservoir and provide opportunities for walking, hiking, running, picnicking, fishing, boat launching and wildlife viewing.

Georgia Power works collaboratively with local partners, including the Chattahoochee Nature Center, to educate the public about local environmental issues. Each year Georgia Power surveys the lake for nesting eagles as part of a statewide effort led by the Georgia Department of Natural Resources.

## Economic Benefit

The Morgan Falls Hydro Project provides numerous economic and financial benefits, including approximately \$100,000 in tax revenue to Cobb and Fulton counties. Nearby counties and the entire state also benefit from job opportunities and the economic development boost created by having immediate access to a reliable source of electric power.

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Georgia Power is the largest subsidiary of Southern Company (NYSE: SO), one of the nation's largest generators of electricity. Value, Reliability, Customer Service and Stewardship are the cornerstones of the company's promise to 2.4 million customers (industrial, commercial, and residential) in all but four of Georgia's 159 counties. Committed to delivering clean, safe, reliable and affordable energy at rates below the national average, Georgia Power maintains a diverse, innovative generation mix that includes nuclear, 21st century coal and natural gas, as well as renewables such as solar, hydroelectric and wind. Consistently recognized as a leader in customer service, Georgia Power was recently ranked highest in overall business customer satisfaction among large utilities in the South by J.D. Power and Associates.

