

Brookside

Location

Newark, Delaware

Capacity

2.6 MW

Resource

Fuel Cells

Ownership

Southern Power



Southern Power, a leading U.S. wholesale energy provider and subsidiary of Southern Company, has acquired an interest in its first fuel cell projects – the 2.6 megawatt (MW) Brookside Project in partnership with Bloom Energy. The project first entered commercial operation in 2011.

The investment will support the repowering of an existing fuel cell project located on two sites in New Castle and Newark, Delaware, which currently consist of 30 megawatts (MW) of Bloom Energy Servers.

In 2016, Bloom Energy and Southern Company formed a strategic alliance to support and deploy innovative fuel cell solutions. This alliance has developed more than 80 MW of fuel cells at sites across the country.

By bringing together the wholesale, utility scale and emerging generating technologies, Southern Company continues to demonstrate its leadership in strategic solutions for an integrated, comprehensive energy solution.

Technology

The Brookside project is a fuel cell project. Fuel cells are a clean alternative resource for electric generation caused by a chemical reaction, but without combustion. The reaction converts hydrogen and oxygen into water, which creates electricity. The electric conversion creates electricity, water and heat. This project will add reliability to the grid and serve as an alternative resource to Southern Power's customers.

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.