

# Red Lion

**Location**

New Castle, Delaware

**Capacity**

24.9 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 24.9 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 other energy customers. Southern Power and its subsidiaries, some of which are owned in part with various partners, own or operate 54 facilities operating or under development in 14 states with more than 12,498 MW of generating capacity in Alabama, California, Delaware, Georgia, Kansas, Maine, Nevada, New Mexico, North Carolina, Oklahoma, South Dakota, Texas, Washington and West Virginia.

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.

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