

Yes, Utilities Innovate.

James Heath

Principal | New Ventures March 27, 2018



Who is Southern Company?

Building the future of energy



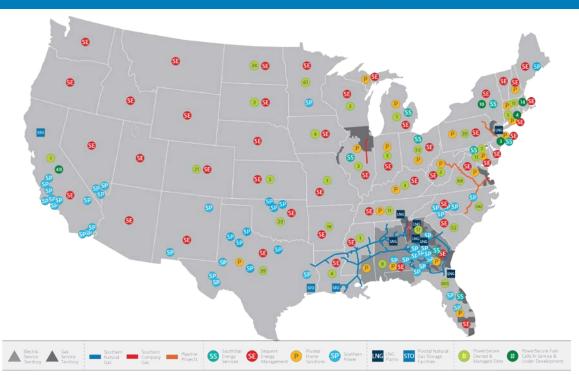
Southern Company

Approximately
46,000 MW
of Generating Capacity

Nearly 200,000 Miles of Power Lines

More than 80,000 Miles of Natural Gas Lines

170 Bcf of Natural Gas Storage Capacity



Capabilities in 50 States

Electric & Natural
Gas Utilities

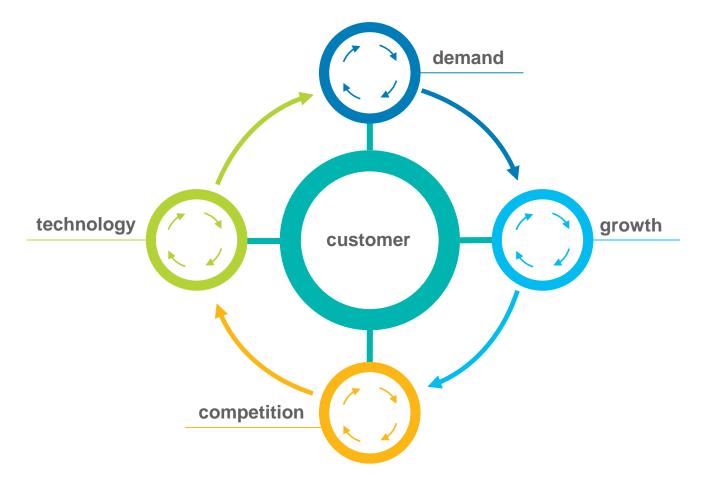
Nearly 30,000 Total Employees

9 Million Utility Customers

1 Million Retail Customers

The Case for Innovation





A Longstanding Legacy of Innovation



Industry leader in research & development

Managed approximately \$2.3 billion in R&D investment since the 1960s. Technology development and collaboration for energy production, delivery and end-use.

Energy Innovation Center

Catalyst for growing the culture of innovation across Southern Company, developing new products and services, and helping to evolve the company's business model.

Energy Impact Partners

\$500+ million venture capital fund for member utilities, including Southern Company, to invest in the next generation of energy innovators.

National Carbon Capture Center

Research facility advancing technologies to reduce CO_2 emissions. Expanding testing of CO_2 capture technologies for natural gas plants.

Energy Storage

Multiple research projects to provide a foundation for future electric grid deployments.

Water Research Center

Tests and evaluates current and developing technologies to enhance water quality.

Solar energy leader since 1977



Southern

Company



Southern Company & Smart Communities



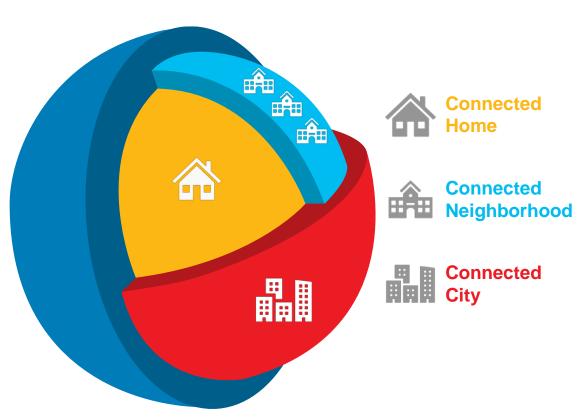


Southern Company

Utilities are uniquely positioned to enable the smart communities of tomorrow.

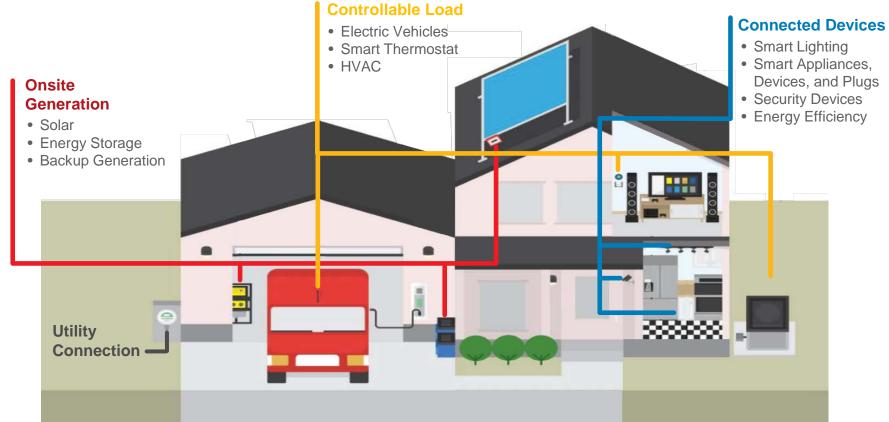
Complementing strong existing relationships with all stakeholders in homes, neighborhoods and cities, utilities provide the fundamental resource that enables a smart and connected world: energy.

Southern Company's solid foundation of innovation is **building the future** of smart communities (solutions for customers).



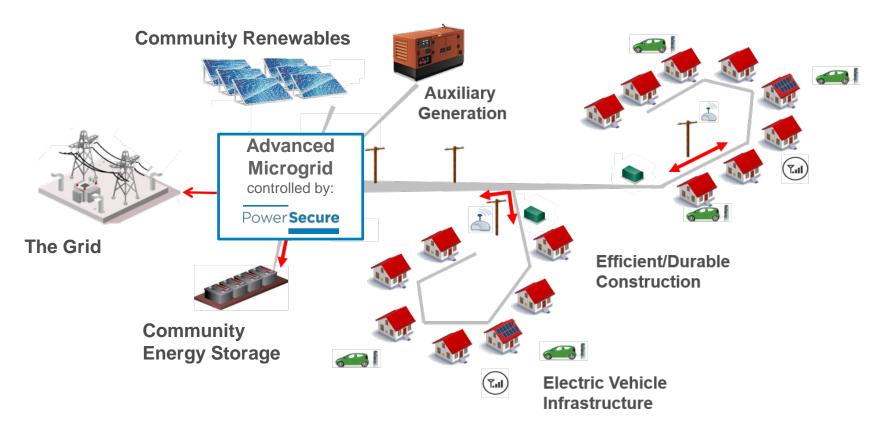


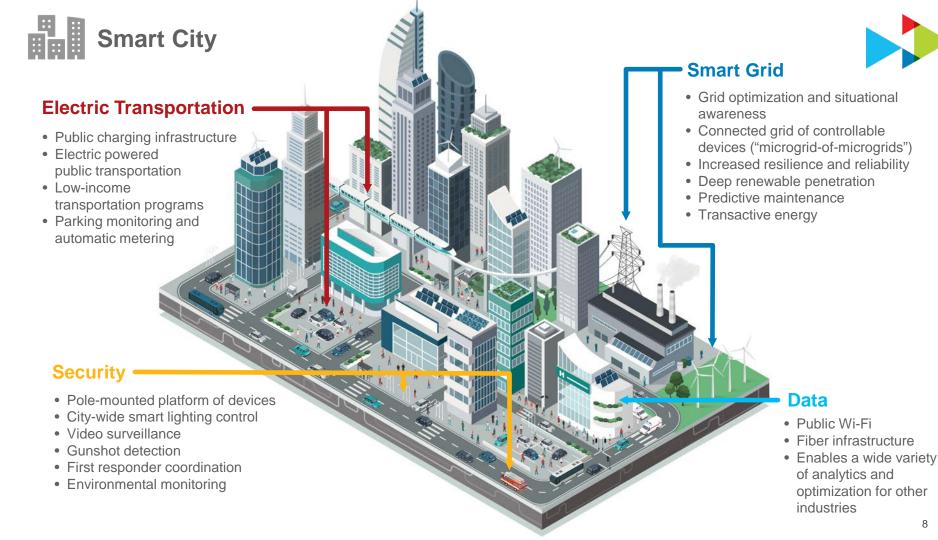












Southern Company