Southern Company at a glance
Vertically integrated, regulated utilities are the core of our business

2014 energy generation
- 4% renewables
- 16% nuclear
- 40% coal
- 40% gas

Regulated Utilities
- Alabama Power
- Georgia Power
- Gulf Power
- Mississippi Power

Wholesale Power
- Southern Power

Other
- Southern LINC Wireless
- Southern Telecom
Southern Company at a glance

Vertically integrated, regulated utilities are the core of our business

2014 energy generation

- 4% renewables
- 16% nuclear
- 40% coal
- 40% gas

Southern Power
Wholesale Business

7%

Net Income

93%

Southern Company
Retail Business
Customer-Focused Business Model

Constructive Regulation
Healthy Capital Investments
High Reliability Low Prices
High Customer Satisfaction

Customers

4 Simple Guidelines:

- Clean
- Safe
- Affordable
- Reliable

The fundamentals for our business
“Full Portfolio” Energy Strategy

America’s First New Nuclear Plant at Georgia Power Plant Vogtle
“Full Portfolio” Energy Strategy

Over 10,000 MW of Natural Gas Combined Cycle in last decade

2,500 MW at Plant McDonough, Atlanta, Georgia
“Full Portfolio” Energy Strategy

Owner and Operator of over 4,000 MW of Renewable Generation

Adobe Solar Facility, Kern County, CA

Kay Wind Facility, Kay County, OK

Henry Dam, Ohatchee, AL

Nacogdoches Generating Plant, Cushing, TX
“Full Portfolio” Energy Strategy

Assisting Retail electricity consumers to apply energy efficient technologies.

Promoting efficient end-use technology

Residential energy audits

U.S. Steel’s energy efficient plant, Birmingham, Alabama

Energy efficient commercial buildings, Atlanta, Georgia
“Full Portfolio” Energy Strategy

Southern a long history of advanced thermal power station operation.

Plant Bowen Electric Generating Station, Cartersville, Georgia
Southern has reduced emissions from thermal power plants, while demand is up.

* For mercury, percent change from 2005, data through 2014.
** Based on chambers of commerce and census data and statistics for Southern Company service territories.
“Full Portfolio” Energy Strategy

Southern is building 21st Century coal: IGCC with CO₂ capture at largest scale in the U.S.

Kemper County Energy Facility, Kemper County, Mississippi
Why Build Kemper?

• Fuel diversity
• Fuel price stability
• Inland location
• 21st century technology
• Environmental profile

* Includes unit retirement and fuel switch announcements (Aug. 4, 2014)
Kemper is commercializing Clean Coal

- Air emissions of a NG-fired plant
- Saleable Co-products
  - 65% Carbon Capture ~ 3,450,000 tonnes/yr
  - Sulfuric Acid ~ 136,000 tonnes/yr
  - Anhydrous Ammonia ~17,000 tonnes/yr

- Water emissions
  - City of Meridian Treated Effluent
  - Zero Liquid Discharge Facility
CO₂ capture at this scale is challenging
Kemper produces multiple products

- Sulfuric acid (H₂SO₄)
- Ammonia (NH₃)
- CO₂

Combined Cycle produces:
- Electric power, 583 MW net
Customer-Focused Business Model

Healthy Capital Investments

Constructive Regulation

Customers

High Reliability
Low Prices
High Customer Satisfaction

4 Simple Guidelines:

✓ Clean
✓ Safe
✓ Affordable
✓ Reliable

The fundamentals for our business
Southern Company
Building the Future for Clean Coal

Thank You!

Clean Coal Industry Forum

Billings, MT
August 25, 2015