



Southern  
Company

# Who Are We?

 Southern Company Gas

 Georgia Power

 Southern Linc

 Southern Power

 Mississippi Power

  
Southern  
Telecom

 Nicor Gas

 Florida City Gas

 Gulf Power

 Elkton Gas

 Atlanta Gas Light

 Chattanooga Gas

 Southern Nuclear

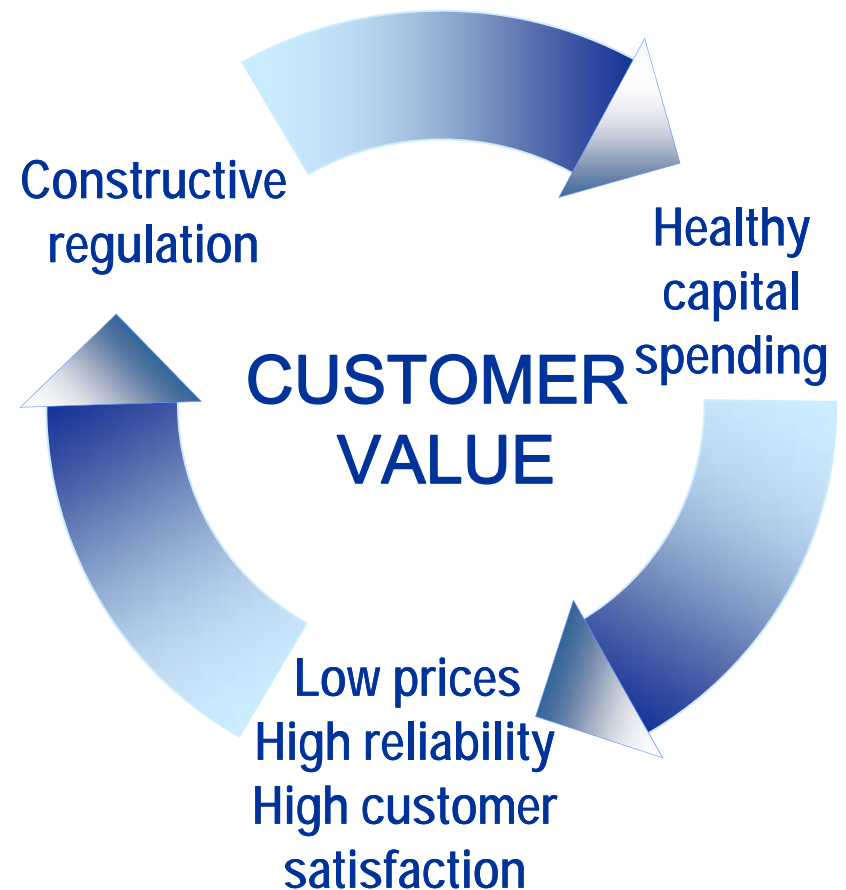
 Alabama Power

 Virginia Natural Gas

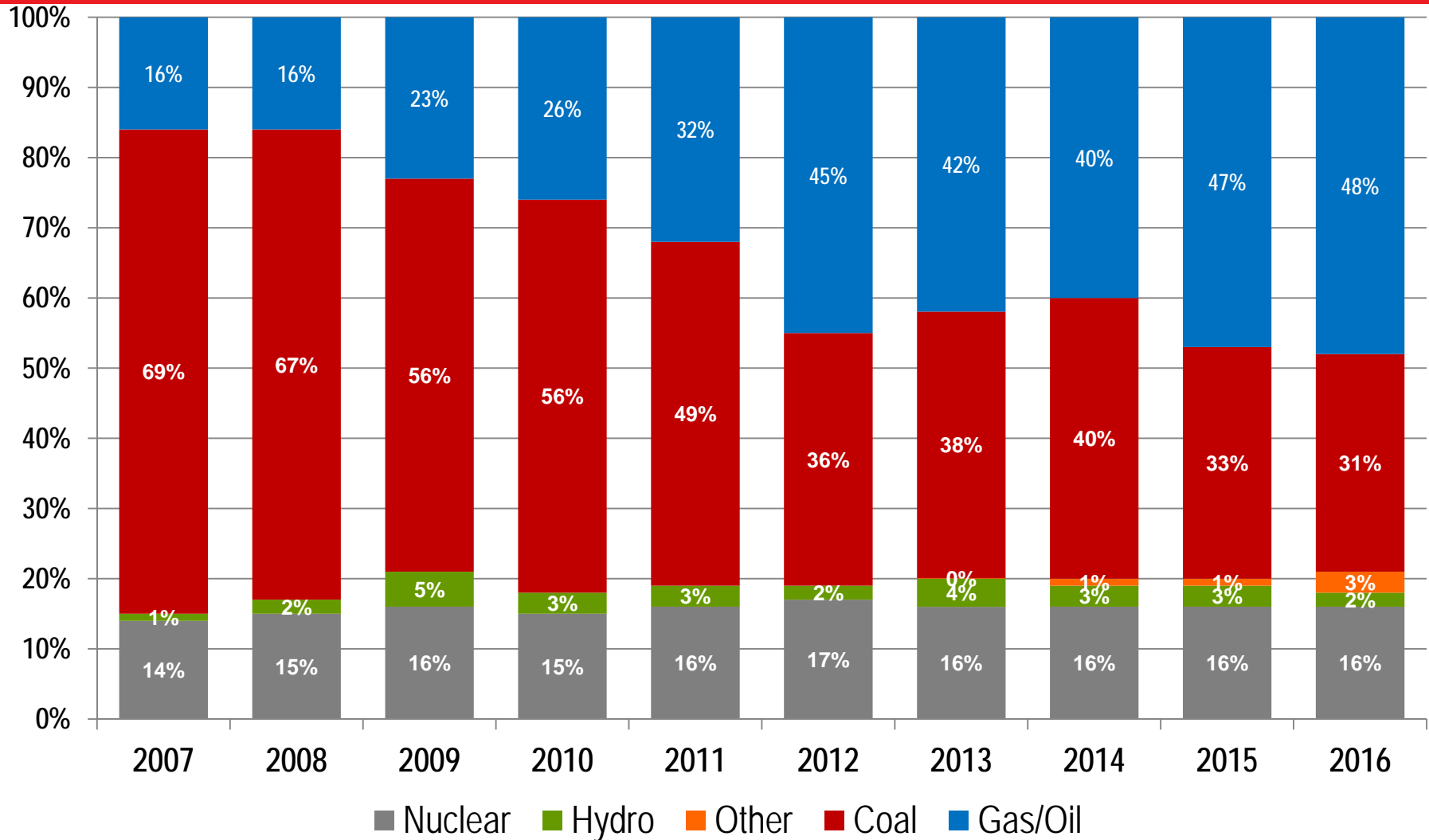
 Elizabethtown Gas

# Southern Company Power Generation Overview

- Vertically integrated, Investor Owned Utility serving 4.4 million retail customers
- Nearly 57,000 megawatts of capacity (owned/operated/contracted - includes retail, wholesale and Southern Power)
- Fuel Services provides fuel for:
  - 16,800 MW coal generation capacity
  - 22,550 MW natural gas generation capacity
  - 820 MW oil generation capacity
- 2016 fossil fuel expenditures: \$4 B
- 2nd largest U.S. consumer of coal
- 3rd largest user of natural gas in the U.S.



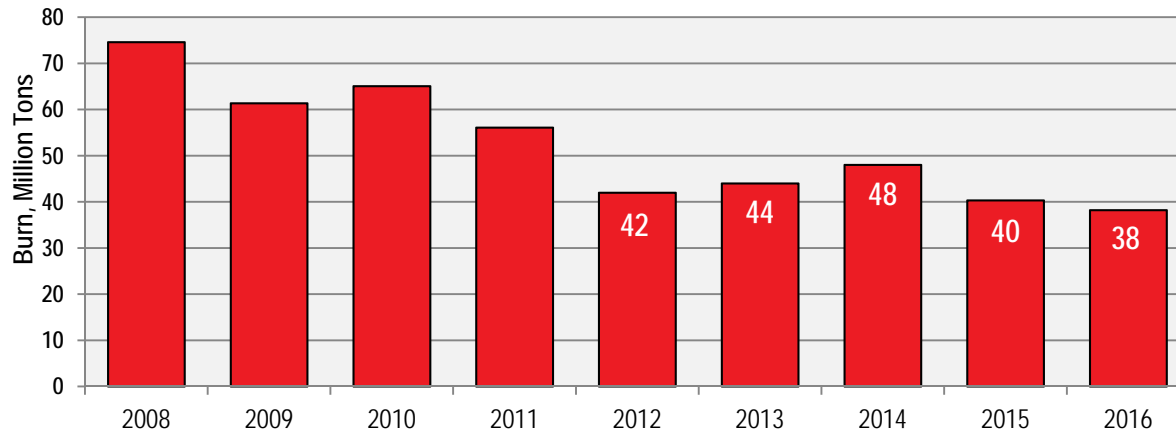
# Southern Company Energy Mix



- Gas/Oil includes non-affiliate PPAs. Net SO reported. Does not include non-territorial capacity.
- Other includes biomass, wind, landfill gas and solar.

# Historical and Projected Fuel Burn

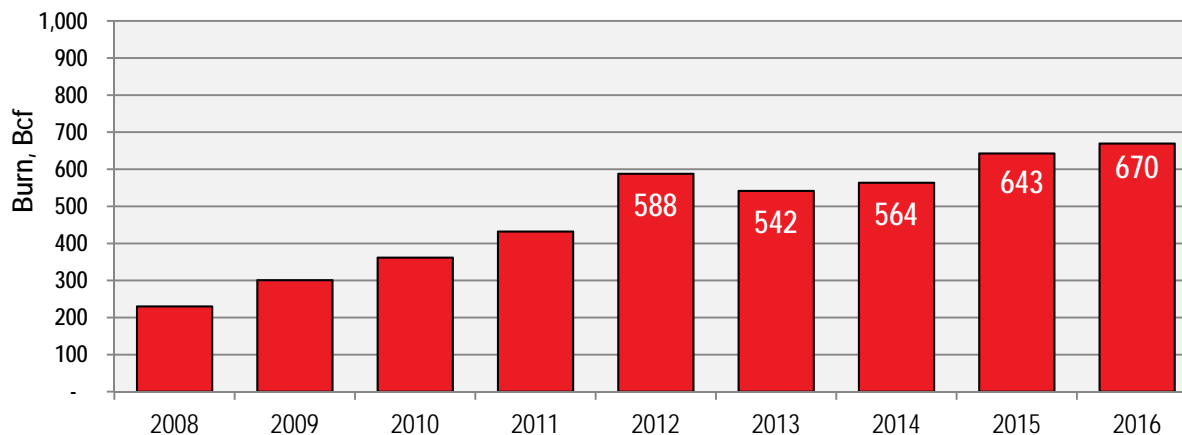
## Coal Burn



## Coal

- CY2016 coal burn was down ~2 million tons compared to CY2015, resulting in the lowest level in over twenty years.
- Burn projections are driven by coal and natural gas prices, weather, and economic factors.

## Natural Gas Burn



## Gas

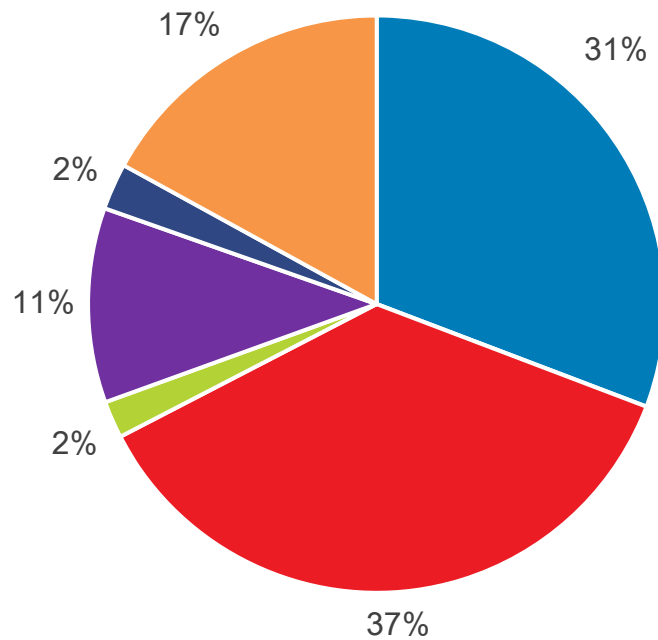
- CY2016 gas burn was up 27 BCF compared to CY2015, easily exceeding the gas burn record set last year.
- Low cost supply, strong storage levels and consistent production levels have kept natural gas prices at relatively low levels.

# Southern Company Coal Supply Regions

## Transitioning to the Most Cost-Effective Fuels for Our Customers

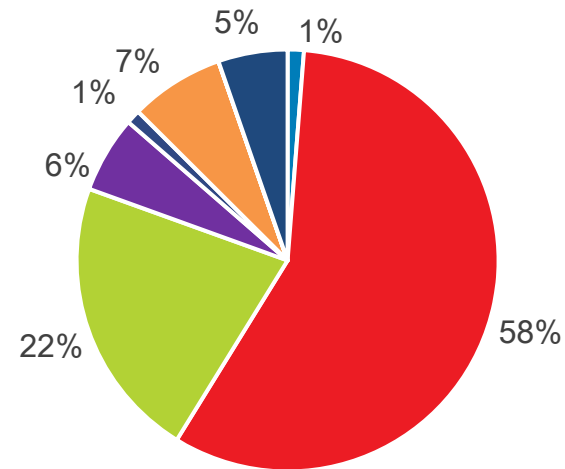
2007

Purchases:  
71 M tons

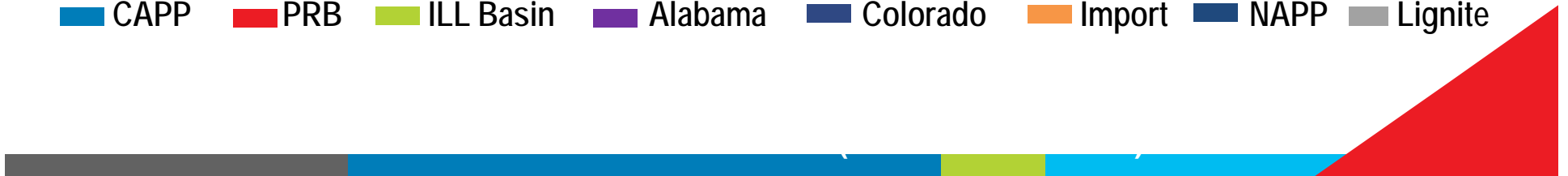


2016

Purchases:  
35 M tons



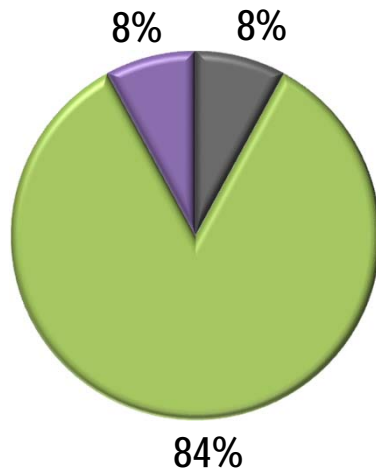
■ CAPP   
 ■ PRB   
 ■ ILL Basin   
 ■ Alabama   
 ■ Colorado   
 ■ Import   
 ■ NAPP   
 ■ Lignite



# Gas Supply Diversity

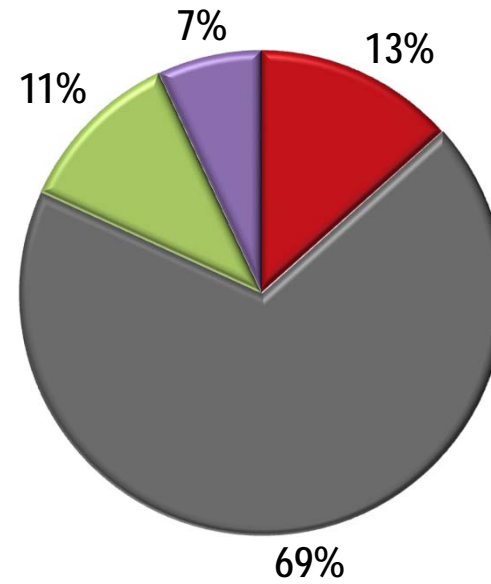
2007

Purchases:  
1.2 Bcfd



2016

Projected:  
2.4 Bcfd



■ Northeast    ■ Midcontinent    ■ Gulf Coast    ■ LNG

# Southern Company

- Southern Company and AGL Resources have merged, creating America's leading U.S. electric and gas utility company. The combination creates the second-largest utility company in the U.S. by customer base with:
- Eleven regulated electric and natural gas distribution companies providing service to approximately 9 million customers with a projected regulated rate base of approximately \$50 billion;
- Operations of nearly 200,000 miles of electric transmission and distribution lines and more than 80,000 miles of gas pipelines; and
- Generating capacity of approximately 44,000 megawatts.





# Southern Power

1,700 MW, 27 facilities

1,440 MW, 8 facilities

1,500 MW, 1 facility

9,300 MW, 10 facilities

Leading U.S. wholesale energy provider meeting the electricity needs of municipalities, electric cooperatives, investor-owned utilities and other energy customers



# Plant Vogtle



Plant Vogtle Units 3 and 4 are the first nuclear plants to be built in the United States in 30 years

# Kemper



**In its first year of operation, Kemper's combined cycle power plant:**

- **Produced enough electricity to supply one-third of the electricity used by Mississippi Power customers**
- **Supplied enough electricity to power the energy needs of approximately 250,000 homes**
- **Generated approximately 3.5 billion kilowatt hours of electricity**
- **Has plant operations about four times better than the industry average**

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