

EPRI-DOE Workshop

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At Southern Company, we provide clean, safe, reliable, affordable energy and customized solutions



Service territories

Electric

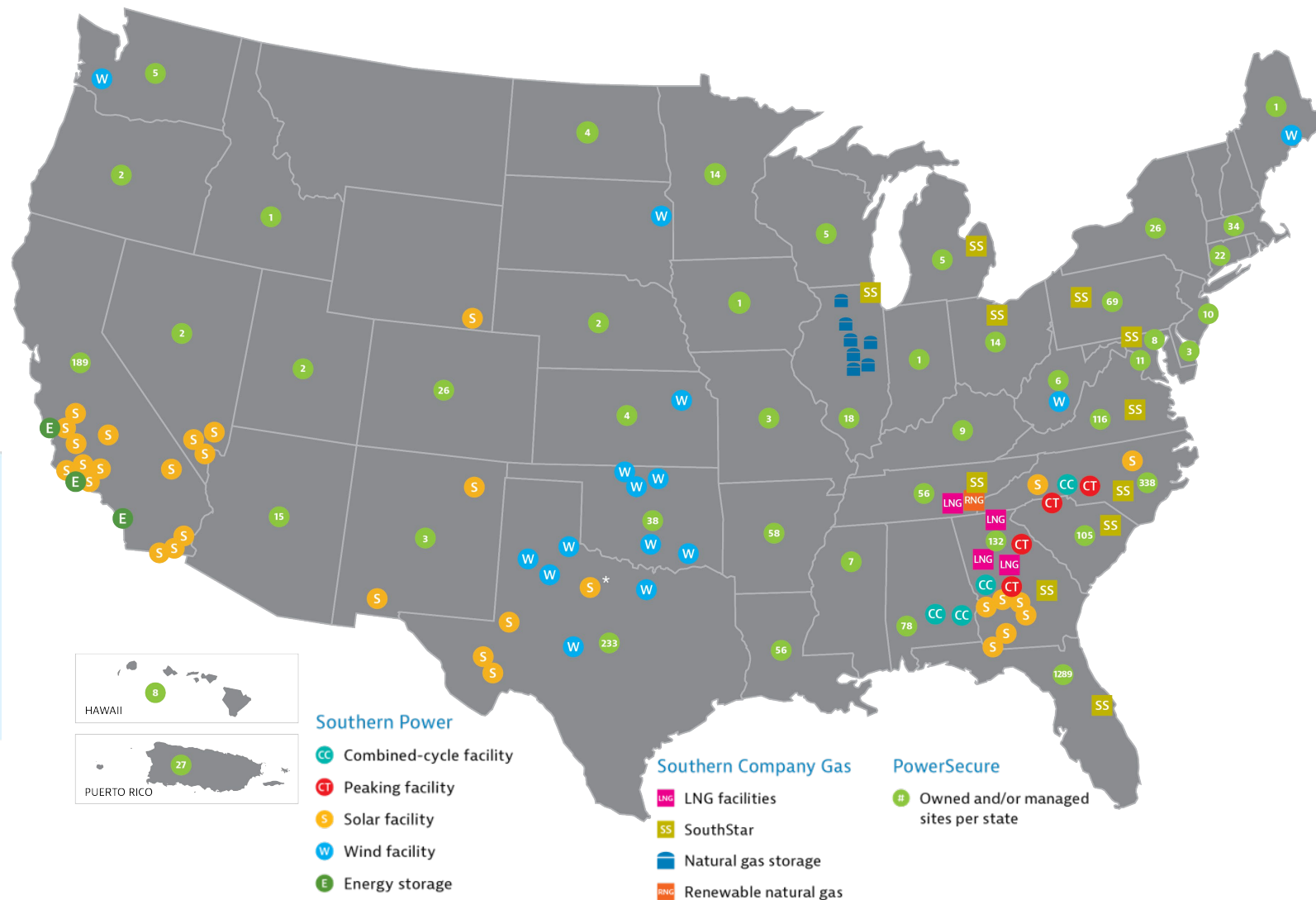
Gas



Gas pipelines

Southern Natural Gas

Southern Company Gas



Capabilities in
50 States

7
Electric & Natural
Gas Utilities

9 Million
Customers

More than
28,000
Employees

Approximately
44,000 MW
of Generating Capacity

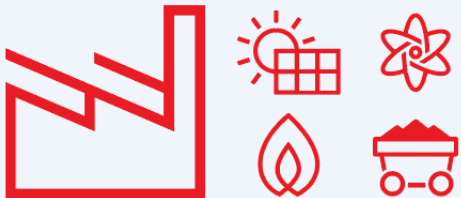
Electric

Value Chain

MAKE

Generation

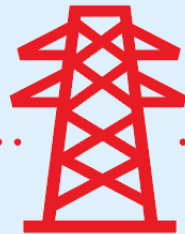
- Natural Gas
- Nuclear
- Coal
- Renewables



MOVE

Transmission

- Lines
- Transformers
- Towers



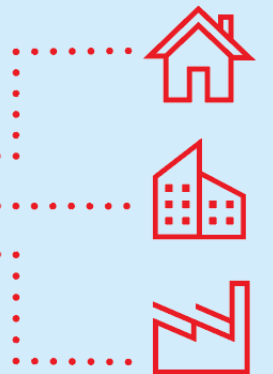
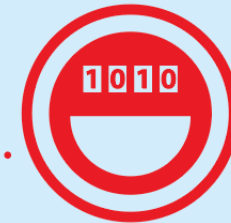
Distribution

- Substations
- Energy storage



SELL/CONSUME

Residential
Commercial
Industrial
Wholesale



ELECTRIC


Integrated Resource Planning

across our three traditional electric utilities



150+ companies announced plans to locate/expand in Alabama, Georgia and Mississippi in 2024, representing over 20,000 jobs

Recent Announcements Across Diversified Industries

	Company	Type	Location
	Amazon	Fulfillment Center	Macon, GA
	American Cast Iron Pipe	Primary Metals	Birmingham, AL
	Austal USA	Defense Manufacturing	Mobile, AL
	First Quality	Manufacturing	Macon, GA
	PCC GulfChem	Chemicals	Pass Christian, MS
	PrizePicks	Corporate HQ	Atlanta, GA
	SolarCycle	Renewable Recycling	Cedartown, GA
	Superior Air Parts	Aerospace	Creola, AL
	AIG, Inc.	Innovation Hub	Atlanta, GA
	Howard Industries	Manufacturing	Quitman, MS
	Hermeus	Aerospace	Atlanta, GA
	Vision RNG	Renewable Energy	Moody, AL
	Mar-Jac Poultry	Food Production	Heidelberg, MS

GF Casting Solutions

Automotive

Augusta, GA

FreshRealm

Food Production

Montezuma, GA

Leehwa America

Automotive

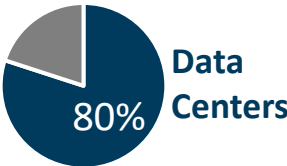
Auburn, AL

Robust Pipeline Growth Continues

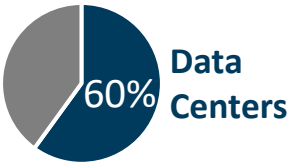
Total large-load pipeline over 50 GW through mid-2030s

Georgia Power pipeline has increased to over 40 GW

% of Gigawatts
in Pipeline



% of Projects
in Pipeline



Of the total, 10 GW are committed projects

Over 8 GW committed at Georgia Power

Of the committed, 6 GW are contracted across the system

Includes 1 GW+ of new data centers in Alabama and Mississippi

Disciplined risk-adjusted approach results in only a fraction of total pipeline included in our electricity sales forecast

We are well-positioned for the growth opportunity...

Experience and Discipline

- Deep understanding of utility economics and marginal costs to serve
- Decades of experience with competition for new customers and load
- Robust models and tools
- Protecting existing customers is job #1

Flexible Pricing Framework

- Existing PSC-approved pricing frameworks
- Marginal cost considerations
- Customer-specific
- Potential benefits for existing customers

Institutional Wherewithal

- 100+ years deploying energy infrastructure
- Ongoing electric and gas investments to support reliability and resilience
- Deep experience with every major energy supply technology

Supportive States and Constructive Regulation

- Great partners on economic development
- Policies that promote and support growth
- Focused on reliability and affordability

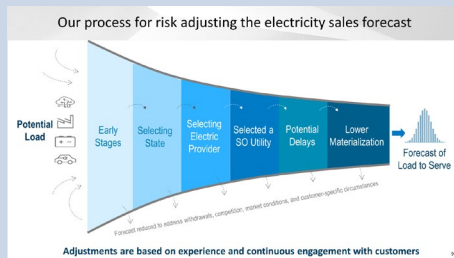
Our long-term integrated resource planning processes are the cornerstone of our ability to provide clean, safe, reliable and affordable energy to serve growing needs

...and our long-standing approach helps ensure all customers benefit

The 3 key questions raised by stakeholders:

Will the load materialize?

Our robust load forecasting process includes risk adjustments based on experience and continuous engagement with customers



(see next slide)

Is the pricing appropriate?

We employ robust models to ascertain the marginal cost to serve new load and establish customer-specific pricing (within approved frameworks) protecting existing customers

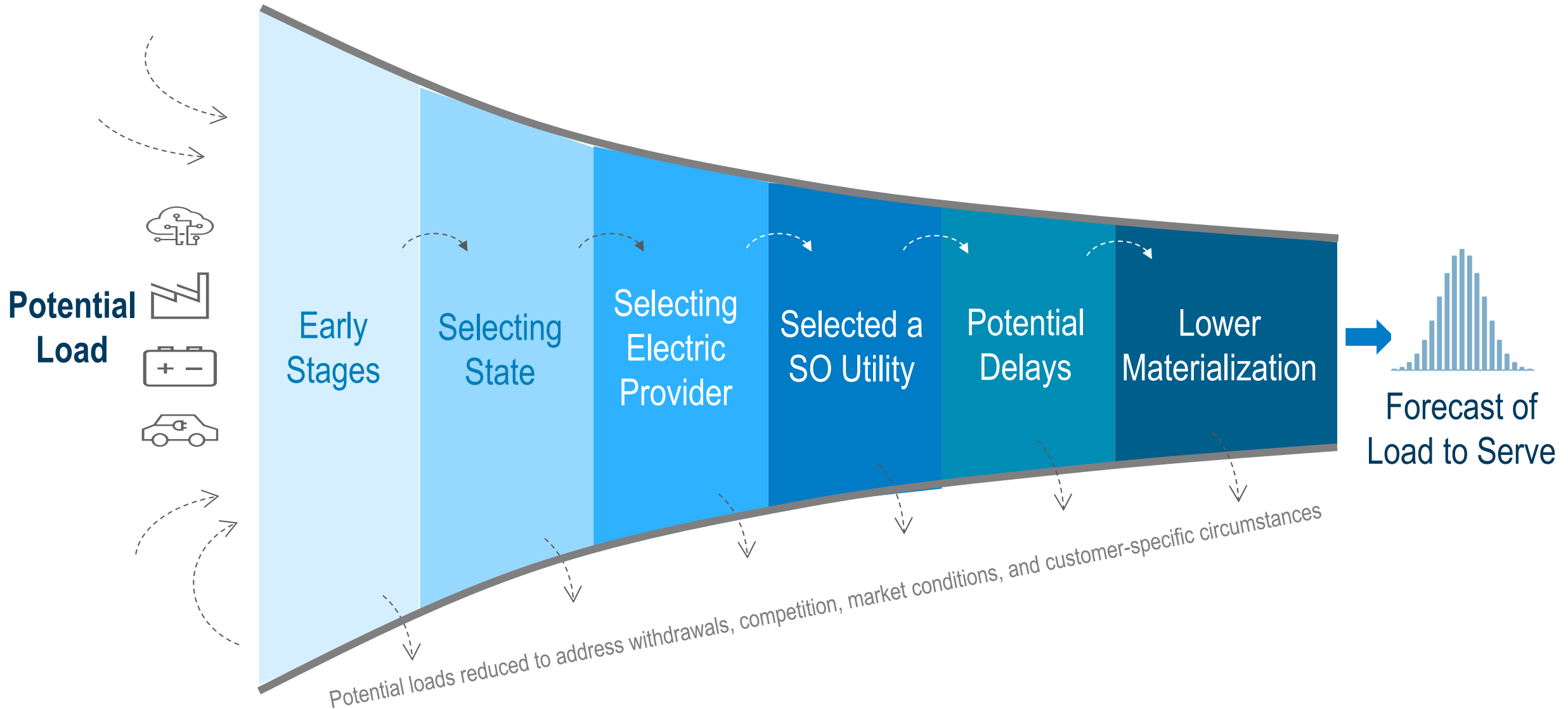


What protections are in place?

A risk-adjusted load forecast, local grid improvement costs recovered from new large-load customers upfront, and a diverse supply portfolio that provides optionality



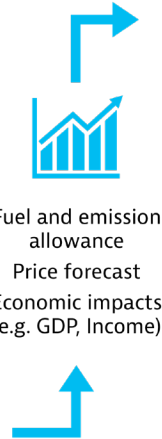
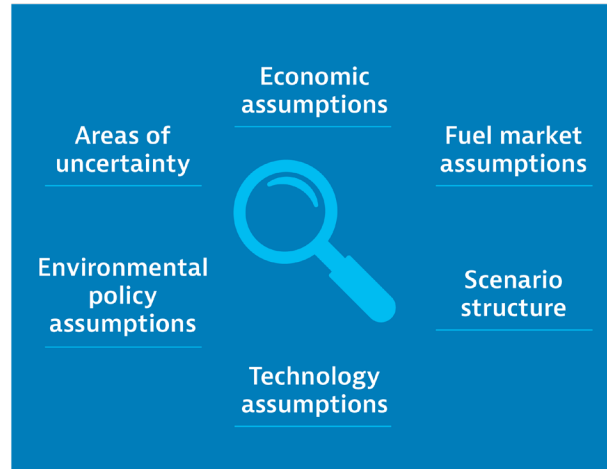
Our process for risk adjusting the electricity sales forecast



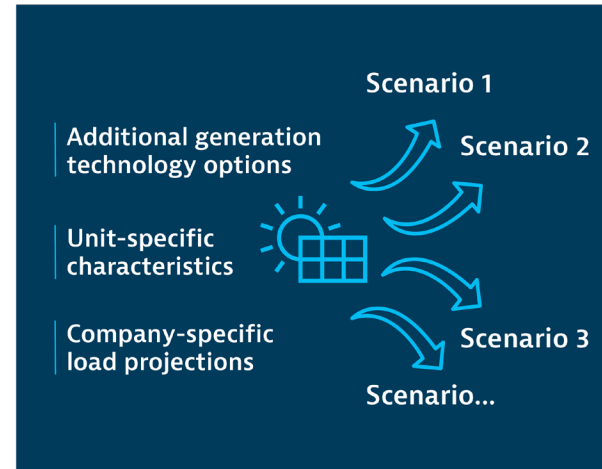
Adjustments are based on experience and continuous engagement with customers

Scenario Planning Process

Energy Economy Modeling



Integrated Resource Planning



- **Scenario planning process has been in place since 2008 and serves as basis for integrated resource planning** at state-regulated electric operating companies, informing major generation retirement and capital investment decisions
- Our internal integrated resource planning process occurs **annually** allowing **updates to scenarios and associated carbon prices**, as well as incorporating the most recent commodity, economic and policy indicators
- Each operating company is committed to reliability and affordability while adopting new technologies as they become available **to enable Southern Company's transition to net zero**
- **Harmonizing decarbonization efforts with reliability and affordability** at the state level is important for customers, regulators and investors

Rules and Regulations Modifications for New Georgia Power Customers >100MW

Framework approved by the Georgia Public Service Commission in April 2025

Minimum Term	<ul style="list-style-type: none">• 15 years for Data Centers• 10 years for all others
Minimum Bill	<ul style="list-style-type: none">• Provides for the recovery of annual incremental costs to serve the customer in addition to fuel costs and other riders
Termination Payment	<ul style="list-style-type: none">• Set to recover the incremental costs incurred to serve the customer• Due if the customer terminates the contract prior to the end of the term
Collateral Requirements	<ul style="list-style-type: none">• Based on customer's creditworthiness and balance sheet strength• Security collected in two phases associated with costs incurred to:<ul style="list-style-type: none">– Plan and study the customer, prior to contracting for electric service– Serve the customer for the contract term after contracting for electric service

***This framework helps ensure existing customer protection
as Georgia Power serves new large load customers***



Southern
Company