



santee cooper[®]

The Coal Institute Summer Trade Seminar

**Jimmy Staton, President & CEO
July 2023**

Agenda

- **Santee Cooper overview**
- **Planning to meet future energy needs**



SANTEE COOPER OVERVIEW

Mission



**To be one of the state's
leading resources for
improving the quality of
life for the people of
South Carolina.**

Doing What Matters

Santee Cooper powers South Carolina

We energize homes and businesses

We hydrate communities

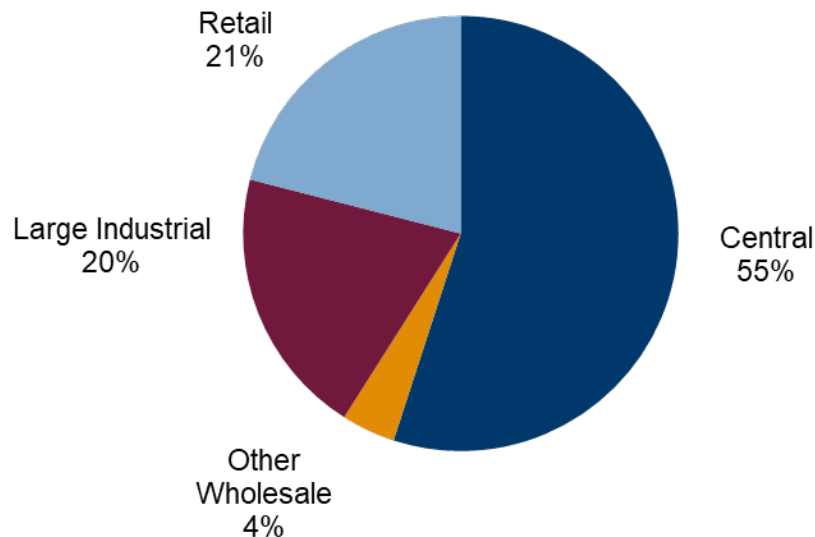
We help South Carolina thrive

Powering South Carolina

- An electric and water utility headquartered in Moncks Corner
- Owned by the State of South Carolina
- One of the nation's largest public power utilities – ~\$1.77B annual revenues (2021)
- Retail and wholesale provider serving over 2 million South Carolinians across the state
- Myrtle Beach – major part of retail territory

Energizing Homes and Businesses

2022 Revenues by Customer Class



Santee Cooper provides power to a strong and diverse group of customers, directly or indirectly serving 2 million South Carolinians.

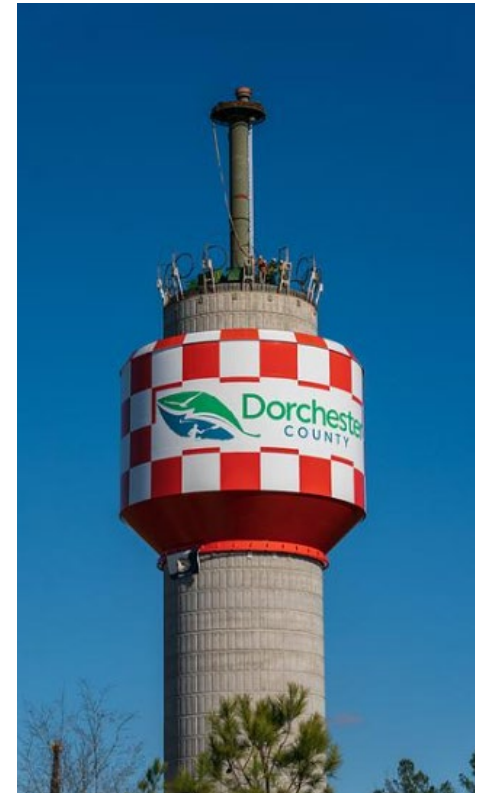
- More than 200,000 retail customers
- 27 large industrial and military customers
- Wholesale: 20 electric cooperatives, 14 municipalities (including PMPA)

Energizing Homes and Businesses: Innovative Customer Programs

- SmartCharge EV charging rates
 - Deep discount for overnight charging
- EVolve EV grant program
 - Helps Commercial Customers build EV infrastructure
- SmartRewards
 - Demand response program
- EmpowerSC
 - Rebate-focused program helps customers become more energy efficient at home/work

Hydrating Communities

- Lake Moultrie
 - Serves Goose Creek, Moncks Corner, Summerville and parts of Berkeley County
 - >220,000 consumers, growing
 - 40 million gallons per day (MGD) capacity, 20 miles of pipeline
- Lake Marion
 - Will ultimately serve parts of Berkeley, Calhoun, Dorchester and Orangeburg counties and Town of Santee
 - 8.5 MGD, 3,200 users, 47 miles transmission line and aggressively growing
 - Winding Woods Tank and Reach on track for August 2023 completion.
 - 5-Year-Plan includes 5 new reaches and 1 tank



Helping South Carolina Thrive: Economic Development

In 2022, Santee Cooper and the state's electric cooperatives helped bring:

- More than \$4.9 billion in capital investment
- Approximately 3,460 jobs
- Industries including:
 - Redwood Materials (Camp Hall/Berkeley)
 - DC Blox (Myrtle Beach)



Since 1988, Santee Cooper has worked with the state's electric cooperatives and others to help bring more than \$22 billion in capital investment and 89,000 new jobs to our state.



PLANNING TO MEET FUTURE ENERGY NEEDS

Powering South Carolina: Statewide Need

- South Carolina needs modern energy portfolio
 - Some coal units near end of economic life
 - Renewables \neq Capacity
 - Enviably economic development success
 - Increasing peak demands
 - Customer pressure

Powering South Carolina: Transitioning

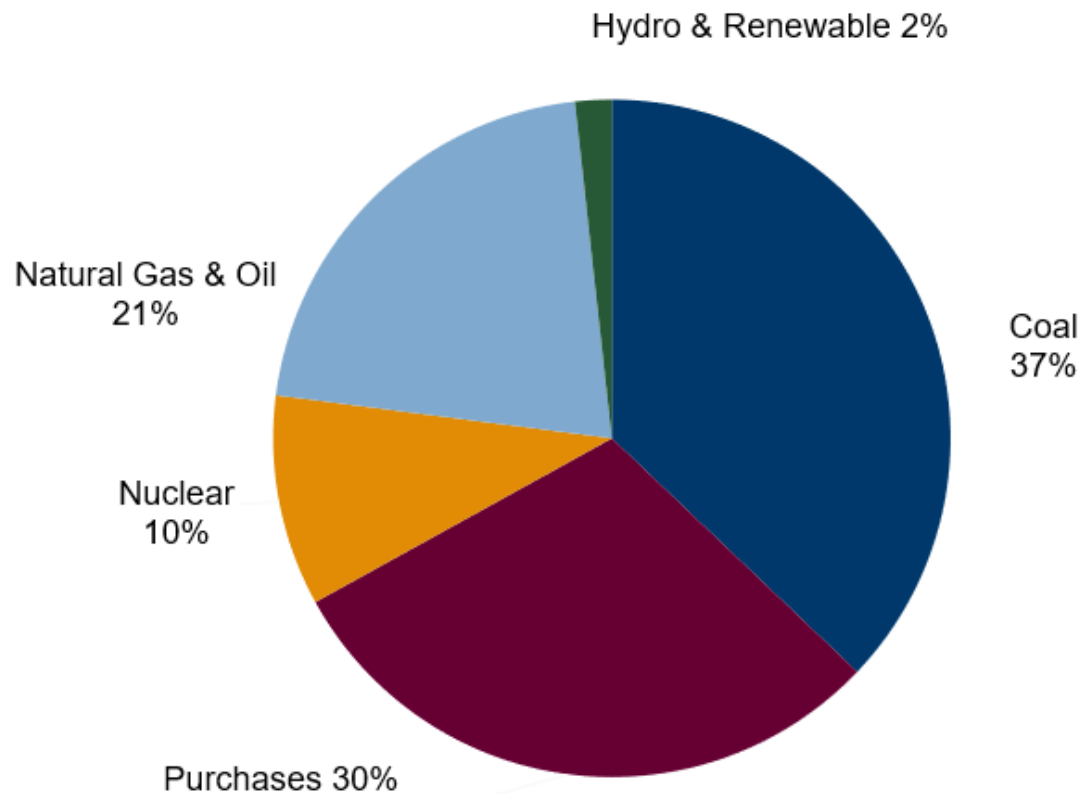
➤ Key focus: maintaining reliability, affordability

- Transparent process
- Scale
- Realistic timelines
- Compromise



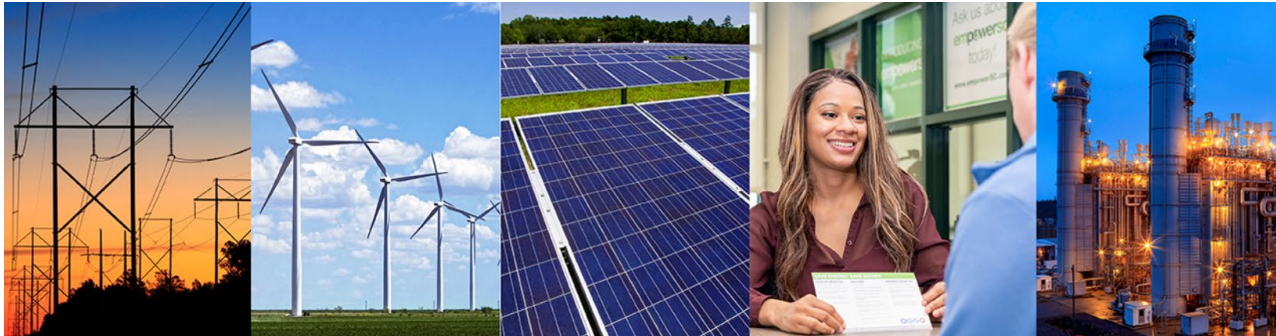
Existing Power Supply

2022 Generation By Fuel Mix



Integrated Resource Planning

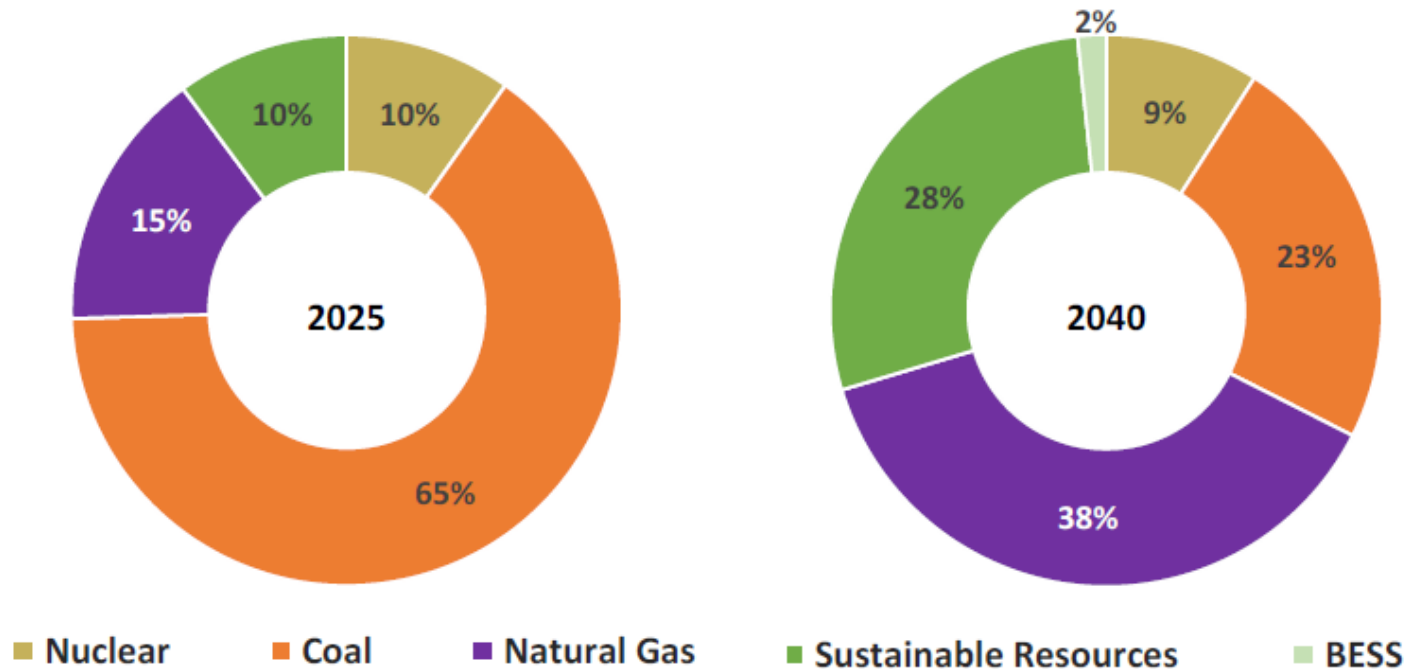
- Public Service Commission IRP Process
 - Sets direction for how we meet future electric needs
 - Submitted plan May 15
- Considered multiple scenarios
 - Net zero
 - Battery storage, wind, hydrogen, small nuclear, gas



Our Proposed Plan: Balanced, Reliable, Affordable

Preferred Portfolio Mix¹

Percentage of Total Generation by Resource Type



Reduces Santee Cooper's CO₂ emissions by 56%

¹ Subject to SC Public Service Commission approval



Key Planning Takeaways

- Coal will continue to be in Santee Cooper's mix
 - Price must moderate for economic dispatch
 - Choosing compliance paths that extend unit lifelines
 - Reliable transportation remains critical
 - Resource diversity remains critical
 - Helps navigate price fluctuations
 - Helps protect reliability (2021-2022: extreme weather events, supply issues)



Questions?