

santee cooper

ANNIVERSARY

SD 90TH

Sustainability Report  
2024

Devil Eggs

Stuffed Mushrooms

## Notice and Disclaimer

The South Carolina Public Service Authority (“Santee Cooper” or “the Authority”) has published its annual sustainability report for the sole purpose of increasing transparency concerning its business practices.

The sustainability report has not been prepared with a view to an investment decision by investors in any of the Authority’s bonds and, therefore, is not suitable to serve as the basis for making any such investment decision. Instead, the sustainability report is provided for general information only.

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## Letter from the President and CEO



2024 was a milestone year for Santee Cooper, marking 90 years of service as South Carolina’s state-owned electric and water utility. Since our creation by the South Carolina General Assembly, we have experienced tremendous growth while maintaining our unwavering commitment to our customers and the communities we serve. Additionally, this year our Lake Moultrie Regional Water System commemorated 30 years of providing clean water—an exemplary model of multi-agency government cooperation.

While we took time to celebrate our rich history, 2024 was also a year in which we leaned into opportunities to provide reliable and affordable power to our customers, to be an engaged part of our communities, to continue to strengthen our financial position, and to make a positive economic impact in our state. Plus, we addressed current challenges in the form of natural disasters. We also continued to look to the future, preparing for South Carolina’s increasing need for additional electric capacity in the face of unprecedented growth.

Our team delivered on each of these points, providing momentum as we look forward to the next chapter in Santee Cooper’s history.

### *Customers and Community*

Reliability and affordability remain at the core of our service. In 2024, our typical residential customer enjoyed the lowest average monthly electric bill compared to our peer South Carolina utilities. Our reliability metrics remained noteworthy, with the average residential customer experiencing less than 26 minutes of power interruption, placing our distribution system among the top 10% of utilities nationwide. Our transmission system also performed within the top 10% of its peer group.

We continued to offer innovative energy-efficiency programs for our customers, including equipment rebates and in-home consultations, and expanded partnerships to support income-eligible customers. Our Lake Moultrie Regional Water System received the 25-Year Directors Award from the Partnership for Safe Water, underscoring our commitment to delivering safe, high-quality drinking water.

Beyond our utility services, our employees demonstrated a commitment to the community, dedicating over 27,000 volunteer hours to support public schools, nonprofit organizations, and medical research initiatives. Our annual Celebrate The Season holiday festival raised \$135,778 for local charities, and our employee-led United Way campaigns set fundraising records in Horry County and metropolitan Charleston.

### ***Financial Strength***

Santee Cooper realized significant benefits for our customers in 2024, completing a bond transaction that refinanced \$925 million of debt, generating \$180 million in gross savings over the life of the refunded bonds. Investor confidence remained strong, as demonstrated by the transaction being six times oversubscribed. In its rating of the bond transaction ahead of the sale, Fitch Ratings upgraded our outlook from negative to stable, reflecting improved financial standing.

Santee Cooper completed the Cook Settlement-imposed rate freeze on Dec. 31, 2024. In preparation for the conclusion of that rate freeze, we conducted our first rate adjustment process since 2015. The process was comprehensive, transparent, and included a four-month public comment period that included several public hearings and a website-based comment portal to enhance customers' ability to offer input. After considering the input received during that process, our Board of Directors approved a 4.9% average rate increase while introducing a new residential rate structure that enhances customer control over electricity costs. The new RG-25 rate includes a demand charge that applies to the highest peak hour of use each month while reducing the cost of energy by 34% for all hours. Customers who shift their energy-intensive appliance usage to non-peak hours can lower their overall bills. If a typical residential customer makes no changes to their electricity usage patterns, their monthly bill will increase by an average of \$11.

### ***Driving Economic Growth***

As a state-owned utility, we are committed to advancing South Carolina's economic prosperity. Our Camp Hall Commerce Park continues to generate substantial economic impact, with a 2024 study estimating its annual contribution at \$3.8 billion and 6,364 jobs statewide. Upon full development in approximately 2035, the park is projected to contribute \$7.9 billion in economic impact, including \$7.3 billion in the Berkeley-Dorchester-Charleston tri-county region.

Santee Cooper facilitated industrial projects in 2024 totaling \$3.1 billion in capital investment and 857 new jobs. Since 1988, we have collaborated with others to attract over \$25 billion in investment and create approximately 90,000 jobs.

We also serve as South Carolina's administrator for a federal grant under the Bipartisan Infrastructure Law to enhance grid resilience. We have awarded funds for 17 projects proposed by electric cooperatives and municipal utilities, and in late 2024, we recommended 14 additional projects to the U.S. Department of Energy.

### ***Responding to Natural Disasters***

Santee Cooper swiftly responded to multiple weather-related challenges in 2024. Winter Storm Finn brought a wind-and-rain event to South Carolina, causing outages for five electric cooperatives that receive power from Santee Cooper and 4,400 direct Santee Cooper customers,

all of whom had power restored within 24 hours. Hurricane Helene severely impacted South Carolina's upstate, impacting delivery points across 20% of our system. Despite widespread devastation, our teams restored power within two days and assisted other utilities across the state in recovery efforts. Additionally, we managed extensive controlled spills to protect our dams and infrastructure from flooding.

### ***Meeting Capacity Needs***

As South Carolina experiences unprecedented industrial growth, Santee Cooper is actively addressing the demand for additional electric capacity. Our strategy includes short-term solutions, long-term generation investments, and partnerships to enhance grid resilience. We sought approval from the South Carolina Public Service Authority to add approximately 200 megawatts in capacity at our Rainey Generating Station, a project we will complete by the end of 2027, primarily through waste heat recovery. We are also pursuing legislative approval for the ability to partner with Dominion Energy South Carolina in planning a new natural gas combined cycle facility, and adding solar capacity in collaboration with our largest customer, Central Electric Power Cooperative Inc.

In response to growing interest in the restart of nuclear generating stations, we are also facilitating discussions on the restart of the partially constructed V.C. Summer Units 2 and 3, providing a potential additional 2.2 gigawatts of baseload, carbon-free nuclear capacity in South Carolina.

### ***Looking Ahead***

For 90 years, Santee Cooper has proudly served South Carolina. As we look to the future, we remain committed to strategic investments that will meet evolving energy and water needs while strengthening our communities. Our mission remains clear: to be the leading resource for improving the quality of life for all South Carolinians.

A handwritten signature in black ink, appearing to read "J. Staton", with a long horizontal line extending to the right.

**Jimmy Staton**  
***President and CEO***



## PEOPLE: New Corporate Balanced Scorecard Improves Transparency and Connection to Strategic Goals

In April 2023, Santee Cooper created an Operational Excellence business unit, focused on a revised strategic approach to performance intended to optimize operational workflows and processes. One of the unit's first tasks was to develop a corporate balanced scorecard.

Simply put, a corporate balanced scorecard is a performance management reporting tool used for comparing current company activities with the planned objectives and results. In other words, it acts as a roadmap for all team members to help achieve strategic goals.

The overarching components of Santee Cooper's scorecard are rooted in our mission and values, and they follow four key objectives – people, perception, performance and profitability. This helps our team understand how our work connects with short- and long-term goals.

"The new corporate balanced scorecard will give our team members a clear and transparent view of our strategic goals and the progress we're making toward reaching them," said President and CEO Jimmy Staton. "I'm eager to be able to share objectives, metrics and progress with our team, and provide an actionable line of sight between what Santee Cooper is striving to achieve and how each team member contributes to our success."

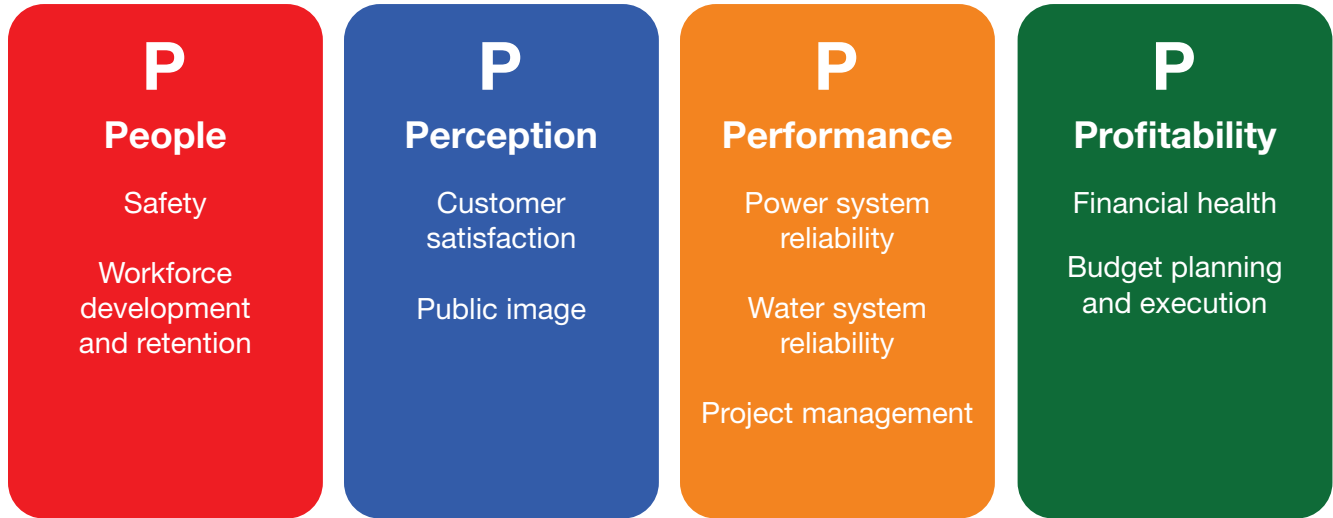
Additional benefits of a corporate balanced scorecard include improved communication and strategic alignment between departments, comprehensive measurement of performance on Santee Cooper's priorities - both non-financial and financial - improved decision making, and a focus on innovation and process improvement.

The Operational Excellence team, led by the Director of Operational Excellence Julie Jordan, also conducted benchmarking against other public power utilities. The work to develop and revise the components of Santee Cooper's corporate balanced scorecard included thoughtful and intentional collaboration with leadership and subject matter experts across all lines of business.

These strategic discussions and fact-finding exercises resulted in focus areas related to each of our four key objectives. The scorecard then utilizes measurable key performance indicators (KPIs) to evaluate progress.

“The Corporate Balanced Scorecard will deliver value across multiple dimensions by utilizing the ‘4 Ps’ as a framework. With this framework, we can keep key priorities squarely in sight and deliver sustainable results,” said Jordan. “The scorecard will be available to all team members, allowing them to see a complete overview of how we assess and measure Santee Cooper’s success.”

Santee Cooper’s key objectives and focus areas include:



Santee Cooper’s Corporate Balanced Scorecard is scheduled to be live and introduced to all team members during the second quarter of 2025.

“I am especially grateful to everyone who has been involved over the past year in helping develop the scorecard. This is a true, ongoing team effort that will greatly benefit Santee Cooper, our teammates and our stakeholders,” said Jordan.





## Perception: Serving South Carolina for 90 years

It was the 1930s, and the United States was facing one of its most difficult eras. The Great Depression and the Dust Bowl had dealt a bad hand to the majority of Americans, with widespread unemployment, poverty and financial instability. As families gathered around their radios, they longed for something positive to dance across the waves.

At the time, several major infrastructure projects were underway, part of President Franklin D. Roosevelt's New Deal. The Southwest saw the completion of the Hoover Dam, and parts of Appalachia were given similar hope with the formation of the Tennessee Valley Authority. But a substantial number of areas in South Carolina lacked electricity and the opportunities and modern conveniences that much of the country was beginning to enjoy. And that's where Santee Cooper's story begins.

Santee Cooper was born from the New Deal on April 7, 1934, offering a glimmer of hope to the state by laying the groundwork to create better lives for all South Carolinians. The project did this by addressing the need for rural electrification and water resources. In the following years, the state saw a flurry of activity as Santee Cooper's infrastructure took shape.

With the completion of the Pinopolis Dam came the formation of Lakes Marion and Lake Moultrie, which are among the largest lakes in South Carolina. Known as the Santee Cooper Lakes System, these beautiful bodies of water cover an astounding 160,000 acres. Because of the region's proclivity to flooding during heavy rainfall and hurricanes, the lakes and dam system



*Jefferies Hydroelectric Generating Station*

also provided control of the flooding impact of these natural phenomena.

The lakes provided the power necessary for Santee Cooper to generate its first spark of electricity in 1942. The water flow from these monstrous lakes pushed its way from the penstock to the turbine, creating the energy needed to generate the much-needed electricity that was sent through transmission and distribution lines to homes, businesses and industries. To date, the Jefferies Hydroelectric Station still produces this renewable and environmentally friendly source of power.

In 1954, Jefferies Generating Station introduced oil-fired electricity to Santee Cooper, and in 1966 our Grainger Station began sending coal-fired generation to the area. This opened the door for other generating stations to be brought online including the construction of Winyah Station in 1975 and Cross in 1983 resulting in much more generating capacity over the years.

Creating the two largest bodies of water in the state meant more than keeping electricity flowing. It also led to a valuable water resource for rural communities. In 1994, the Regional Water System was formed, and Santee Cooper invested in developing and maintaining a vast infrastructure that included water treatment plants, storage tanks, pipelines and pumping stations. Today, the Regional Water System serves a population of more than 227,000 people. The Lake Marion Regional Water System followed in 2008 and serves more than 3,300 people in rural South Carolina.

The Santee Cooper Lakes provide even more than power and water. With so many acres of natural beauty, it stands to reason that the lakes constitute one of the most impressive recreational destinations in the state. From kayaking to camping, it's a nature lover's dream come true. It's also a great place for biking and birding,

with miles of trails and hundreds of species of birds. But perhaps its main draw is world-class fishing.

The lakes are a reminder of how Santee Cooper was born from the natural environment of South Carolina, and Santee Cooper hasn't forgotten the importance of keeping that environment thriving. The balance between generating and distributing reliable power and water and protecting the ecosystem can be challenging, but the harmony between them is a beautiful element to a song worth composing.

As the world evolved with the understanding of the impact that fossil fuels have on the environment, along with it came stricter regulations to ensure existing plants were operating as cleanly as possible. Santee Cooper took measures to comply with each legislative decision. When the time came to decommission the Grainger Generating Station in Conway, Santee Cooper took the opportunity to return that area to its former natural glory as a wetlands area.

A little farther south in Berkeley County, a similar type of reclamation took shape when Santee Cooper began developing the nearly 7,000 acres of the Camp Hall Commerce Park, home to more than 30 bird species and other wildlife. Santee Cooper dedicated more than 2,600 acres to fostering wildlife habitats and improving local ecosystems. This earned Santee Cooper and Camp Hall the South Carolina Community Star Award for exceeding environmental requirements.

Camp Hall is the commerce park of the future, fostering greater connections between the workforce and the natural surroundings. Not only is the park a testament to Santee Cooper's focus on the environment, but it's also a shining example of our dedication to economic growth. Our efforts helped bring billions of dollars in new capital investment and the promise of thousands of jobs every year, making Santee Cooper an important driver of growth in South Carolina.

Santee Cooper isn't just part of South Carolina – it is South Carolina. We've been generating much more than power for more than 90 years and are woven into the very fabric of this great state. We work here, live here, and dedicate ourselves to making our home the best it can be.

*Kayaking on Lake Marion*





## Performance: Rainey Upgrades

In a strategic move to enhance efficiency and meet growing energy demands, Santee Cooper is undertaking a \$470 million expansion of its Rainey Generating Station (RGS) as a Shared Resource with Central Electric Power Cooperative Inc.

The expansion includes taking two GE 7FA.03 simple-cycle units designated Units 2A and 2B and converting them into a combined cycle unit.

The combined-cycle conversion project involves installing two heat-recovery steam generators, a steam turbine generator, a steam surface condenser, and a wet mechanical draft cooling tower and associated components. These upgrades will capture the waste heat from the two existing simple-cycle units and use that heat to generate nearly 200 megawatts (MW) of additional electricity – with no increase in the emissions rate and without having to build an additional generating station.

Simple-cycle units operate by using combustion turbines to generate electricity, but they do not utilize the waste heat produced in the process. By transitioning to a combined-cycle configuration, the facility will now capture and repurpose this excess heat to power a steam turbine, generating additional electricity without more fuel. This approach boosts overall efficiency and supports modern energy sustainability goals.

“This combined-cycle conversion project will play a vital role in ensuring reliable power for our growing population,” said Jimmy Staton, president and CEO. “By utilizing an existing site, it adds much-needed capacity without increasing fuel costs or emissions rates, aligning with our commitment to affordability, sustainability and efficiency.”

The expansion and additional capacity to the grid will support both retail and industrial energy needs. Additionally, the upgrade will contribute to grid stability and provide greater operational flexibility, particularly during peak demand periods.

RGS was originally designed with future expansion in mind. The generating station commenced commercial operation in January 2002 with a 500 MW combined-cycle unit. By May of that year, two 150 MW simple-cycle combustion turbines were also brought online. The layout of the station was strategically planned to facilitate expansion without requiring major modifications. Adequate space was allocated for the steam turbine, the expansion of the steam building, and the installation of a heat recovery steam generator (HRSG) behind the two gas turbines, along with a cooling tower. Additionally, the switchyard, electrical infrastructure, and control systems were all designed to accommodate future growth seamlessly.

Central Electric Power Cooperative Inc. is Santee Cooper's largest customer. Central's President and CEO Rob Hochstetler, who heads the utility supplying power to the state's electric cooperatives, noted the importance of South Carolina power providers bringing additional generation resources online.

"This project illustrates how Santee Cooper and South Carolina's electric cooperatives are working collaboratively to meet our state's growing energy needs," said Hochstetler. "Our staff and board studied this project at length, and we agree with Santee Cooper's conclusion that expanding the Rainey Generating Station is a smart, cost-effective and environmentally responsible way to expand a key source of reliable energy."

The project is expected to be complete by the end of 2027. The project will create seven new, full-time positions, as well as approximately 300 temporary jobs during construction.

#### **KEY DATES**

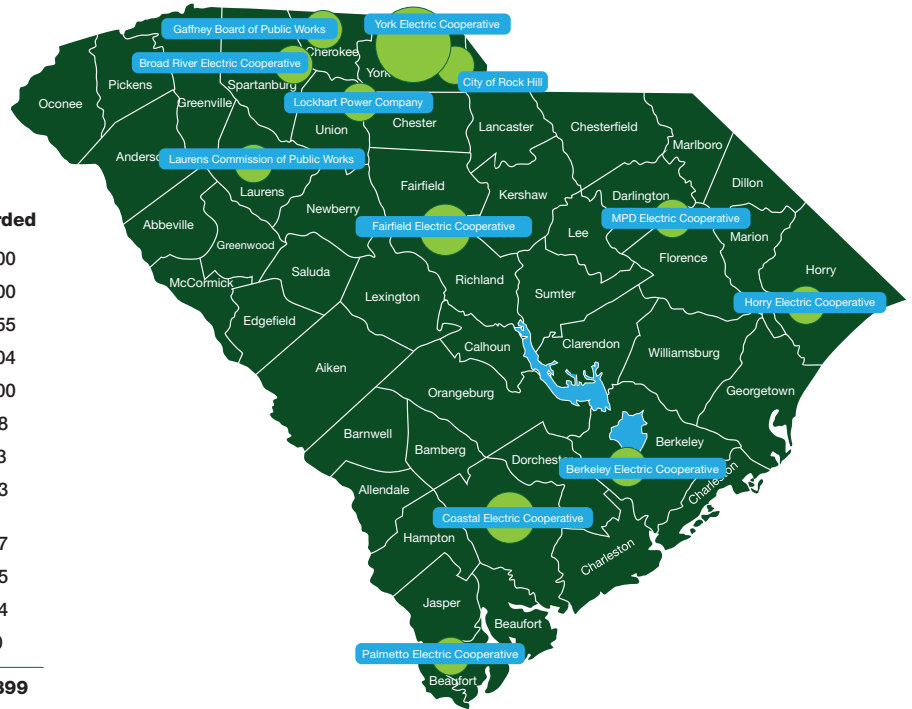
- > **Aug. 27, 2024:** Santee Cooper Board of Directors adopted a resolution authorizing a S.C. Public Service Commission (PSC) filing under the Siting Act for a Certificate of Environmental Compatibility and Public Convenience and Necessity (CEPCPN) that would allow the Authority to proceed with the project once the CEPCPN is obtained.
- > **Sept. 16, 2024:** PSC Docket No. 2024-264-E, the Authority filed the application under the Siting Act to construct and operate the project.
- > **Oct. 28, 2024:** The JPC approved the project as a proposed Shared Resource under the Coordination Agreement between Santee Cooper and Central.
- > **Dec. 11, 2024:** Central's Board of Directors approved the project as a Shared Resource.
- > **Dec. 20, 2024:** Santee Cooper Board of Directors approved the Rainey Generating Station expansion.

Bids for the HRSG, steam turbine generator (STG), and generator step-up transformer (GSU) went out in 2024, and were awarded in January or February of 2025. Fabrication is scheduled to begin in 2025, with installation set to commence in 2026 and continue through 2027. The necessary air permits for the expansion have already been received, ensuring a smooth transition to the next phase of the project.

As Santee Cooper seeks to balance reliability with sustainability, combined-cycle technology continues to play a crucial role in the transition toward cleaner energy solutions. The upgrade at Rainey Generation Station marks another milestone in the industry's evolution, ensuring a resilient power infrastructure for years to come.

# 2024 Grid Resilience Grants

Project	Grant Awarded
Palmetto Electric Cooperative .....	\$1,946,000
Coastal Electric Cooperative .....	\$1,196,000
York Electric Cooperative .....	\$1,261,955
MPD Electric Cooperative.....	\$1,191,604
Fairfield Electric Cooperative .....	\$1,125,000
Berkeley Electric Cooperative .....	\$982,228
Lockhart Power Company .....	\$833,333
Horry Electric Cooperative.....	\$779,823
Laurens Commission of Public Works .....	\$777,917
Gaffney Board of Public Works .....	\$417,605
Broad River Electric Cooperative .....	\$183,694
City of Rock Hill.....	\$71,470
	<b>\$10,766,899</b>



## Profitability: Santee Cooper Administers, Adds to First Round of Grid Resilience Grants

The federal government wants to make the electric grid more resilient, and it's providing grants to utilities, which are managed by state governments. South Carolina chose Santee Cooper to be our state's administrator.

In 2024, Santee Cooper received final approval for grant funding 18 projects, totaling \$10.8 million, submitted to its Grid Resilience Grant Program last year by electric cooperatives and municipal and other utilities from across South Carolina.

Together, the projects represent grid improvements that will reduce the number of outages and improve restoration times during extreme weather events, primarily in disadvantaged areas.

The U.S. Department of Energy (DOE) is providing the grant money to South Carolina annually through the Bipartisan Infrastructure Law, section 40101(d). The projects submitted to and approved by the DOE are funded with 2022 and 2023 grants. Santee Cooper and independent consultant Guidehouse reviewed the project submissions, determined all 18 met Santee Cooper's program guidelines and federal requirements, approved the projects for full funding and submitted to the DOE for final review.

"The projects range from burying overhead power lines to adding self-healing equipment that improves restoration ability," said Jimmy Staton, Santee Cooper President and CEO. "Collectively they will strengthen South Carolina's electric grid in the face of hurricanes and other extreme weather. It has been our privilege to work with the DOE and so many utilities across the state that are driven to provide the best service possible to their members and customers."

Santee Cooper has recommended additional projects to receive another \$5.5 million in DOE funding, plus an additional 15% in Santee Cooper funds as grant administrator for the state. As soon as the decision is made, Santee Cooper will notify the applicants.

Additionally, DOE has announced funding for fiscal 2025 BIL 40101(d) grants. South Carolina will receive \$5.4 million in 2025. Santee Cooper's grants team is preparing to solicit proposals on behalf of South Carolina to help fund additional grid resilience projects.

These 2022/2023 grant projects are underway:

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**Berkeley Electric Cooperative: \$982,228**

- > Implement an automated fault location, isolation, and service restoration system (FLISR) in a remote and difficult-to-access area to decrease restoration times.

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**Broad River Electric Cooperative: \$183,964**

- > Install remote-controlled devices and new controls to improve monitoring and increase reliability for two circuits that have experienced outages.

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**City of Rock Hill: \$71,470**

- > Add two automated overhead switches and a self-healing device to address circuit-level outages.

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**Coastal Electric Cooperative, Inc.**

**Project 1: \$400,000**

- > Improve monitoring and control capabilities to increase sectionalizing, reduce outages and expand FLISR abilities.

**Project 2: \$796,000**

- > Replace aging overhead distribution lines on back lots with underground lines on front lots to improve reliability and increase access to the lines.

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**Fairfield Electric Cooperative, Inc.**

**Project 1: \$225,000**

- > Update equipment and improve system monitoring and control, allowing for remote power restoration.

**Project 2: \$900,000**

- > Rebuild four miles of overhead distribution line serving a wastewater treatment plant in a remote area that has experienced extended outages.

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**Gaffney Board of Public Works (GBPW): \$417,605**

- > Deploy technology to locate, predict, and prevent issues on the electrical grid.

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**Horry Electric Cooperative, Inc.: \$779,823**

- > Install self-healing devices on poles along major transportation corridors, allowing automated restoration within seconds for outages between these devices.

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**Laurens Commission of Public Works: \$777,917**

- > Replace cutout switches, inspect all poles on the system, and accelerate vegetation management.

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**Lockhart Power Company: \$833,333**

- > Install enhanced resiliency insulators and storm-hardened metal poles on Jonesville 34kV line, part of a larger project to replace an aged 18-mile segment of line between two substations.

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**MPD Electric Cooperative: \$1,191,604**

- > Install distribution management and automation systems to automatically clear instantaneous and short-duration faults.

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**Palmetto Electric Cooperative, Inc.: \$1,946,000**

- > Replace 44 hydraulic reclosers with electronically controlled reclosers with remote monitoring and operating capabilities in areas considered to be disadvantaged.

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**York Electric Cooperative, Inc.**

**Project 1: \$125,193**

- > Build a 2.1-mile overhead line to provide an alternate feed to two long radial lines in hard-to-reach areas of Bonnor Horton Road and West McConnells Highway and improve reliability.

**Project 2: \$152,664**

- > Install a distribution automation scheme across its service territory in the Catawba Indian Nation.

**Project 3: \$59,886**

- > Install an underground tie line between Legion Road and Valley Haven Trail in Hickory Grove, creating a usable backfeed and reducing the number of radial line miles by 13.54 miles.

**Project 4: \$717,357**

- > Bury approximately three miles of overhead line going into the Kings Mountain National Military Park and a single-phase line feeding Camp Cherokee, a YMCA summer camp.

**Project 5: \$206,855**

- > Bury approximately two miles line feeding the Kings Mountain State Park.

# 2024 BY THE NUMBERS

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Santee Cooper has prepared this report with reference to Global Reporting Initiative (GRI) and Sustainability Accounting Standards Board (SASB) standards. Santee Cooper recognizes the importance of being transparent with its stakeholders and these metrics have been referenced to assist the organization in its transparency efforts. Neither the sustainability report as a whole nor these metrics specifically have been prepared with a view to an investment decision by investors in any of the Authority's bonds and, therefore, is not suitable to serve as the basis for making any such investment decision.

# GRI INDEX



# 2024 Global Reporting Initiative GRI Content Index



**Statement of Use**

The South Carolina Public Service Authority (Santee Cooper) has reported the information cited in this GRI content index for the period 1/1/2024 to 12/31/2024 with reference to the GRI Standards.

GRI Standard	Response
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<b>Organizational details</b>	
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<u><b>2-1</b></u>	Organizational details	<a href="#">About Us</a> Santee Cooper Headquarters is located at 1 Riverwood Drive Moncks Corner, SC 29461						
<u><b>2-2</b></u>	Entities included in the organization’s sustainability reporting	The South Carolina Public Service Authority (Santee Cooper)						
<u><b>2-3</b></u>	Reporting period, frequency and contact point	Sustainability Reporting Period Frequency	01/01/2024 to 12/31/2024; Annually					
		Financial Report Reporting Period	01/01/2024 to 12/31/2024					
		Sustainability Report Publication Date	4/15/2025					
		Sustainability Report Point of Contact	<b>B. Shawan Gillians;</b> Chief Strategy & Communications Officer					
<u><b>2-4</b></u>	Restatements of information	None						
<u><b>2-5</b></u>	External assurance	No External Auditing Performed						
<u><b>2-6</b></u>	Activities, value chain and other business relationships	<a href="#">2024 Annual Report</a> <a href="#">Chairman and CEO Letter</a>						
<u><b>2-7</b></u>	Employees	Employment Workforce Category	Female		Male		Total	
			Total	Percent	Total	Percent	Total	Percent
		Full-time	348	21.6%	1,250	77.5%	1,598	99.1%
		Part-time	4	0.2%	2	0.1%	6	0.4%
		Executive	3	0.2%	5	0.3%	8	0.5%
	<b>Grand Total</b>	355	22.0%	1,257	78.0%	1,612	100%	
<u><b>2-8</b></u>	Workers who are not employees	Contracting Entities	# of Contracting Entities			# of Workers		
		Contractors	6			229		
		Temp Agency	1			21		

# 2024 Global Reporting Initiative GRI Content Index



GRI Standard		Response					
<b>2-9</b>	<b>Governance structure and composition</b>	<b>2-9a</b>	<b>See S.C. Code Ann.</b>	<a href="#">§ 58-31-20</a>	<a href="#">§ 58-31-30</a>	<a href="#">§ 58-31-55</a>	
				<a href="#">§ 58-31-56</a>	<a href="#">§ 58-31-60</a>	<a href="#">§ 58-31-225</a>	
				<a href="#">§ 58-31-240</a>	<a href="#">§ 58-31-250</a>	<a href="#">§ 1-3-240</a>	
		<b>2-9b</b>	<b>Bylaws</b>	<a href="#">Board of Directors Bylaws</a>			
		<b>2-9c*</b>	<b>See S.C. Code Ann.</b>	<a href="#">§ 58-31-20</a>	<a href="#">See SC General Assembly Act 90 of 2021, Section 7</a>		
<b>Executive</b>	<b>Independence</b>		<b>Gender</b>	<b>Under-Represented Social Group</b>			
0	12		1	1			
<b>2-10</b>	<b>Nomination and selection of the highest governance body</b>	See S.C. Code Ann. <a href="#">§ 58-31-20</a>					
<b>2-11</b>	<b>Chair of the highest governance body</b>	The members of Santee Cooper's Board of Directors, including the chair, are independent of its management.					
<b>2-15</b>	<b>Conflicts of interest</b>	<a href="#">Santee Cooper Code of Ethics</a>					
<b>2-16</b>	<b>Communication of critical concerns</b>	<a href="#">Santee Cooper's Anonymous Hotline</a>					
<b>2-23</b>	<b>Policy commitments</b>	<a href="#">Santee Cooper Code of Ethics</a>			<a href="#">Standards of Conduct</a>		
<b>2-27</b>	<b>Compliance with laws and regulations</b>	<b>2-27a.</b>	<p><i>No significant instances of non-compliance reported for the 2024 reporting period. However we did receive two wastewater related NOV's at Rainey Generating Station from the SC Department of Environmental Services (SCDES) with neither instance resulting in fines or assessed penalties. All responses/ reports have been completed as needed with no further action associated.</i></p>				

# 2024 Global Reporting Initiative GRI Content Index



GRI Standard		Response															
<b>Economic Performance</b>																	
<u>201-1</u>	Direct economic value generated and distributed	<a href="#">See 2024 Annual Report</a> Statements of Revenue pg. 34 Retirement Plans pg. 80															
<u>201-2</u>	Financial implications and other risks and opportunities due to climate change																
<u>201-3</u>	Defined benefit plan obligations and other retirement plans																
<u>201-4</u>	Financial assistance received from government	The South Carolina Public Service Authority (Santee Cooper), a state-owned agency, is self-funded and does not receive either state or federal funding.															
<b>Procurement Practices</b>																	
<u>204-1</u>	Proportion of spending on local suppliers	<table border="1"> <thead> <tr> <th>Local Spend</th> <th>FY2023</th> <th>FY2024</th> </tr> </thead> <tbody> <tr> <td>% (Local Spent)</td> <td>46.1%</td> <td>36.0%</td> </tr> <tr> <td>\$s (Local Spent)</td> <td>\$248,778,394</td> <td>\$348,789,910</td> </tr> </tbody> </table>	Local Spend	FY2023	FY2024	% (Local Spent)	46.1%	36.0%	\$s (Local Spent)	\$248,778,394	\$348,789,910						
		Local Spend	FY2023	FY2024													
		% (Local Spent)	46.1%	36.0%													
		\$s (Local Spent)	\$248,778,394	\$348,789,910													
		A.	Proportion of spending on local suppliers as percentage of total procurement budget														
		B.	Local is defined as the State of South Carolina.														
C.	Our significant locations of operation are all within the state of South Carolina.																
<b>Employment</b>																	
<u>401-1</u>	New employee hires and employee turnover	<table border="1"> <thead> <tr> <th>Description</th> <th>FY2023</th> <th>FY2024</th> </tr> </thead> <tbody> <tr> <td>Number of employees Hired by year</td> <td>158</td> <td>134</td> </tr> <tr> <td>Employees hired rate by year</td> <td>10.01%</td> <td>8.30%</td> </tr> <tr> <td>Number of employees who leave voluntarily (including retirement) by year</td> <td>107</td> <td>97</td> </tr> <tr> <td>Employee turnover rate by year</td> <td>6.78%</td> <td>6.01%</td> </tr> </tbody> </table>	Description	FY2023	FY2024	Number of employees Hired by year	158	134	Employees hired rate by year	10.01%	8.30%	Number of employees who leave voluntarily (including retirement) by year	107	97	Employee turnover rate by year	6.78%	6.01%
		Description	FY2023	FY2024													
		Number of employees Hired by year	158	134													
		Employees hired rate by year	10.01%	8.30%													
		Number of employees who leave voluntarily (including retirement) by year	107	97													
Employee turnover rate by year	6.78%	6.01%															
<b>Training and Education</b>																	
<u>404-3</u>	Percentage of employees receiving regular performance and career development reviews	100%															

# 2024 Global Reporting Initiative GRI Content Index



GRI Standard	Response
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## Diversity and Equal Opportunity

<b>405-1</b> Diversity of governance bodies and employees	Workforce Demographics by Gender, Age and Diversity						
	<b>Employee Workforce</b>	Under 30		Age 30 - 50		Over 50	
		Female	Male	Female	Male	Female	Male
	Asian	1	3	2	3	1	3
	American Indian/Native	0	1	0	2	1	0
	Black/African American	0	14	34	104	44	72
	Hispanic/ Latino	2	5	3	3	0	3
	Pacific Islander/Native	0	1	0	0	0	0
	Two or more races	1	5	2	2	0	1
	White	36	183	139	581	82	264
	Sub Total	40	212	180	695	128	343
	<b>Grand Total</b>	252		695		471	
	<b>Executive Staff</b>	Under 30		Age 30 - 50		Over 50	
		Female	Male	Female	Male	Female	Male
	Asian	0	0	0	1	0	0
	American Indian/Native	0	0	0	0	0	0
	Black/African American	0	0	0	0	1	0
	Hispanic/ Latino	0	0	0	0	0	0
	Pacific Islander/Native	0	0	0	0	0	0
	Two or more races	0	0	0	0	0	0
	White	0	0	0	2	2	2
Sub Total	0	0	0	0	3	2	
<b>Grand Total</b>	0		3		5		
<b>Board of Directors</b>	Under 30		Age 30 - 50		Over 50		
	Female	Male	Female	Male	Female	Male	
Asian	0	0	0	0	0	0	
American Indian/Native	0	0	0	0	0	0	
Black/African American	0	0	1	0	0	0	
Hispanic/ Latino	0	0	0	0	0	0	
Pacific Islander/Native	0	0	0	0	0	0	
Two or more races	0	0	0	0	0	0	
White	0	0	0	2	0	9	
Sub Total	0	0	1	2	0	9	
<b>Grand Total</b>	0		3		9		

## Customer Privacy

<b>418-1</b>	<b>Substantiated complaints concerning breaches of customer privacy and losses of customer data</b>	Santee Cooper has had no substantiated complaints concerning breaches of customer privacy and losses of customer data.
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<b>2.9c</b>	<p><i>With regard to 2-9c (iv), the disclosure of positions and commitments by Board Members are not required unless as a part of a conflict of interest disclosure.</i></p> <p><i>The associated table is provided in response to standards 2.9c (i) (ii) (v), and (vi). The figures represent the number of Board Members falling into each category.</i></p> <p><i>Section 2.9c (iii) is addressed in part by reference to Act 90 of 2021. The remainder of 2.9c(iii) and those parts of 2.9c not otherwise specified are addressed by code section 58-31-20.</i></p>	
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# SASB INDEX

# 2024 Sustainability Accounting Standards Board (SASB) Index



Table 1. Sustainability Disclosure Topics & Metrics

SASB Code	Accounting Metric	Unit	FY 2023	FY 2024
<b>Greenhouse Gas Emissions &amp; Energy Resource Planning</b>				
IF-EU-110a.1	Gross global Scope 1 CO <sub>2</sub> emissions	Metric tons CO <sub>2</sub> e	14,093,172	15,135,628
	Gross global Scope 1 CO <sub>2</sub> percentage covered under emissions-limiting regulations	Percentage (%) CO <sub>2</sub> e	0%	0%
	Gross global Scope 1 CO <sub>2</sub> percentage covered under emissions-reporting regulations		99.2% (Under Part 98)	99.7% (Under Part 98)
IF-EU-110a.2	Greenhouse gas (GHG) emissions associated with power deliveries	Metric tons CO <sub>2</sub> e	15,891,571	17,229,335
IF-EU-110a.3	Discussion of long-and short-term strategy or plan to manage Scope 1 emissions, emissions reduction targets, and an analysis of performance against those targets	N/A	Santee Cooper's 2023 Integrated Resource Plan identifies a preferred portfolio that dramatically reduces its carbon footprint and reduces CO <sub>2</sub> rates to approximately 44% of 2005 levels by the mid-2030s. <a href="#">See Santee Cooper IRP</a>	
<b>Air Quality</b>				
IF-EU-120a.1	Air emissions for NO <sub>x</sub> (excluding N <sub>2</sub> O) emissions	Metric tons	4,820	5,517
	Air emissions for SO <sub>2</sub>		5,739	6,956
	Air emissions for particulate matter (PM <sub>10</sub> )		868.590 <sup>(1)</sup>	1040.992 <sup>(1)</sup>
	Air emissions for lead (Pb)		0.0866 <sup>(1)</sup>	0.1141 <sup>(1)</sup>
	Air emissions for mercury (Hg)		0.0324825	0.026059
<b>Water Management</b>				
IF-EU-140a.1	Total water withdrawn	Thousand cubic meters (m <sup>3</sup> )	432,750 <sup>(2)</sup>	417,838 <sup>(2)</sup>
	Total water consumed		59,371 <sup>(2)</sup>	65,392 <sup>(2)</sup>
IF-EU-140a.2	Number of incidents of non-compliance associated with water quality permits, standards, and regulations.	Number	0	2

# 2024 Sustainability Accounting Standards Board (SASB) Index



Table 1. Sustainability Disclosure Topics & Metrics

SASB Code	Accounting Metric	Unit	FY 2023	FY 2024
<b>Coal Ash Management</b>				
IF-EU-150a.1	Amount of coal combustion residuals (CCR) generated; percentage recycled.	Metric tons	1,098,636 (estimated)	1,232,891 (estimated)
		Percentage (%)	96.82% (estimated)	88.19% (estimated)
IF-EU-150a.2	Total number of coal combustion residual (CCR) impoundments, broken down by hazard potential classification and structural integrity assessment	Number	<a href="#">See CCR Data Rule</a>	
<b>Energy Affordability</b>			<b>FY 2023</b>	<b>FY 2024</b>
IF-EU-240a.1	Average retail electric rate for residential customers	Rate/kwh	11.38 cents/kwh <sup>(3)</sup>	11.38 cents/kwh <sup>(3)</sup>
	Average retail electric rate for commercial customers		9.47 cents/kwh <sup>(3)</sup>	9.43 cents/kwh <sup>(3)</sup>
	Average retail electric rate for industrial customers		5.11 cents/kwh <sup>(3)</sup>	5.08 cents/kwh <sup>(3)</sup>
IF-EU-240a.2	Typical monthly electric bill for residential customers for 500 kWh of electricity delivered per month	Presentation currency	\$64.94	\$65.10
	Typical monthly electric bill for residential customers for 1,000 kWh of electricity delivered per month		\$110.38	\$110.70
IF-EU-240a.3	Number of residential customer electric disconnections for non-payment	Number	7,994	7,457
	Percentage of residential customer electric reconnected within 30 days	Percentage (%)	87.19%	86.90%
<b>Workforce Health &amp; Safety</b>				
IF-EU-320a.1	Total recordable incident rate (TRIR)	Rate	0.77	0.49
	Fatality rate		0	0
	Near miss frequency rate (NMFR)		N/A <sup>(4)</sup>	N/A <sup>(4)</sup>

# 2024 Sustainability Accounting Standards Board (SASB) Index



Table 1. Sustainability Disclosure Topics & Metrics

SASB Code	Accounting Metric	Unit	FY 2023	FY 2024
<b>End-Use Efficiency &amp; Demand</b>				
IF-EU-420a.2	Percentage of electric load served by smart grid technology	Percentage (%) by (MWh)	100% (AMI Meters)	100% (AMI Meters)
IF-EU-420a.3	Customer electricity savings from efficiency measures, by market	(MWh) (Residential & Commercial)	10,598 MWh 2023 Incremental Annual Savings	13,059 MWh 2024 Incremental Annual Savings
<b>Nuclear Safety &amp; Emergency Management</b>				
IF-EU-540a.1	Total number of nuclear power units, broken down by results of most recent independent safety review	Number	1/3 Ownership in VC Summer Unit 1 322 MW of nuclear capacity	1/3 Ownership in VC Summer Unit 1 322 MW of nuclear capacity
IF-EU-540a.2	Description of efforts to manage nuclear safety and emergency preparedness	N/A	<a href="#">Compliant with NRC.gov requirements</a>	
<b>Grid Resiliency</b>				
IF-EU-550a.1	Number of incidents of non-compliance with physical or cybersecurity standards or regulations	Number	0	0
IF-EU-550a.2	System Average Interruption Duration Index (SAIDI), inclusive of major event days	Minutes	58.702 <sup>(5)</sup>	58.447 <sup>(5)</sup>
	System Average Interruption Frequency Index (SAIFI), inclusive of major event days	Number	0.803 <sup>(5)</sup>	0.687 <sup>(5)</sup>
	Customer Average Interruption Duration Index (CAIDI), inclusive of major event days	Minutes	73.113 <sup>(5)</sup>	85.022 <sup>(5)</sup>



## 2024 Sustainability Accounting Standards Board (SASB) Index



Table 2. Activity Metrics

SASB Code	Accounting Metric	Unit	FY 2023	FY 2024		
<b>Total Customers Served</b>						
IF-EU-000.A	Residential customers served	Number	182,068	185,529		
	Commercial customers served		30,530	30,938		
	Industrial customers served		28	29		
<b>Total Electricity Delivered</b>						
IF-EU-000.B	Total electricity delivered to residential customers	(MWh)	1,994,237	2,103,044		
	Total electricity delivered to commercial customers		1,876,566	1,935,523		
	Total electricity delivered to industrial customers		6,009,452	6,005,305		
	Total electricity delivered to other commercial customers		<b>Public Lighting:</b> 16,357 <b>Other:</b> 37,421	<b>Public Lighting:</b> 15,492 <b>Other:</b> 38,121		
	Total electricity delivered to wholesale customers		16,250,900	17,052,942		
<b>Length of Transmission &amp; Distribution Lines)</b>						
IF-EU-000.C	Length of Distribution lines km	Kilometers (km)	5,084 km	5,142		
	Length of Transmission lines km		8,457 km	8,483		
SASB Code	FY 2023		FY 2024			
<b>Total electricity generated, percentage by major energy source, percentage in regulated markets <sup>(6)</sup></b>						
IF-EU-000.D	<b>Generation Source</b>	<b>MWh</b>	<b>% Electricity Generated</b>	<b>Generation Source</b>	<b>MWh</b>	<b>% Electricity Generated</b>
	Coal	11,096,020	56.34%	Coal	12,168,545	60.65%
	Nuclear	2,499,418	12.69%	Nuclear	2,468,680	12.30%
	Natural Gas	5,588,958	28.38%	Natural Gas	4,882,855	24.34%
	Solar	0	0.00%	Solar	0	0.00%
	Hydropower	464,761	2.36%	Hydropower	510,439	2.54%
	Renewables (Biomass)	45,475	0.23%	Renewables (Biomass)	32,285	0.16%
	Petroleum (Oil)	0	0.00%	Petroleum (Oil)	1,244	0.01%
<b>Total</b>	<b>19,694,632</b>	<b>100.00%</b>	<b>Total</b>	<b>20,064,048</b>	<b>100.00%</b>	
<b>Total wholesale electricity purchased <sup>(6)</sup></b>						
IF-EU-000.E	<b>Generation Source</b>	<b>MWh</b>	<b>% Electricity Generated</b>	<b>Generation Source</b>	<b>MWh</b>	<b>% Electricity Generated</b>
	Solar	453,691	6.27%	Solar	595,925	7.60%
	Hydropower	552,267	7.63%	Hydropower	518,335	6.61%
	Renewables (Biomass)	496,447	6.86%	Renewables (Biomass)	476,390	6.07%
	Other	5,737,242	79.25%	Other	6,255,481	79.73%
	<b>Total</b>	<b>7,239,647</b>	<b>100.00%</b>	<b>Total</b>	<b>7,846,131</b>	<b>100.00%</b>

1. 2023 Parameters related to PM10 and Pb were reassessed and recalculated to show revised values.

2a. Totals include the 1/3 Ownership in VC Summer Unit 1

2b. Exclusions include the newly acquired Cherokee site

3. Average retail electric rates based on 2024 December Financial Statement. (Typical monthly electric bills based on rate comparison calculations.)

4. Santee Cooper is currently re-evaluating the parameters of its near miss reporting program to more closely align with industry norms.

5. Recalculated the 2023 SAIDI, CAIFI and SAIFI parameters to include all outages.

6. Total differs from that shown in Santee Cooper's Annual Report, which includes PPAs.

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