



# Sustainability Report 2023

## 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.

## Letter from the President and CEO



In 2023, Santee Cooper focused more intentionally on being a leading *sustainable* resource for improving the quality of life for all South Carolinians. That focus included an integrated resource plan intended to represent the most reasonable and prudent means of meeting Santee Cooper's energy and capacity needs by balancing objectives such as system reliability, environmental responsibility, cost impacts, and risks. We are particularly proud that our preferred portfolio reduces our reliance on coal by roughly 65% between now and 2040, and more than doubles our use of sustainable resources while meeting the growing energy demands of our state.

Our approach to sustainability isn't only about generation resources. We're continuing our commitment to the communities we serve with over 25,000 recorded volunteer hours by our team members in 2023 alone. We're also taking a leading role on grid resilience by serving as the state's administrator for approximately \$25 million in grant dollars allocated to South Carolina as a part of the

U.S. Department of Energy's Grid Resilience State and Tribal Formula Grant Program.

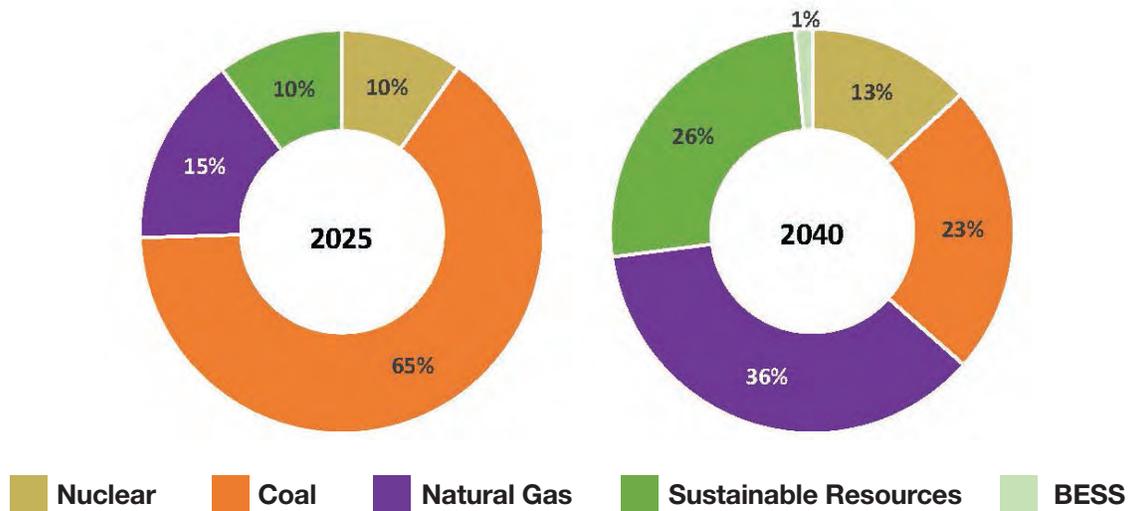
These are big accomplishments achieved by our dedicated and talented team, and they're just a few of the things we're doing to ensure a sustainable, vibrant Santee Cooper for many years to come. Several more of our accomplishments are shared here in our 2023 Annual Sustainability Report.

We're excited about the work we're doing and the role we're playing in building a sustainable future in the communities we serve and all of South Carolina.

A handwritten signature in black ink, appearing to read "Jimmy Staton". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

**Jimmy Staton**  
*President and CEO*

## Percentage of Total Generation by Resource Type



## Planning for the Future

Santee Cooper has built a strong legacy as a leading resource in the State of South Carolina in meeting the electricity needs in communities across our state. We continue to plan for the future through our Integrated Resource Plan (IRP), which was submitted to the Public Service Commission of South Carolina in May 2023.

Our IRP is intended to represent the most reasonable and prudent means of meeting our energy and capacity needs as of the time the plan is prepared. It balances multiple objectives including system reliability, environmental responsibility, cost impacts and risks. We expect the portfolio laid out in our IRP will allow us to continue to serve our customers and communities for years to come.

The submitted plan was the result of 18 months of detailed analysis and extensive public input. The preferred portfolio provides a road map for meeting the future power needs of our customers through a modern generation mix that prioritizes flexibility, reliability, and affordability.

The plan would significantly reduce our carbon footprint by closing coal units, adding flexible natural gas generation jointly built with Dominion Energy South Carolina, and significantly increasing solar power on the system. This enables Santee Cooper to continue to power South Carolina reliably and affordably in support of South Carolina's growing power-dependent industries across the state.

### Key components of the portfolio include:

- > Adding over 2,500 megawatts (MW) of solar power by 2040.
- > Adding 1,020 MW of natural gas combined cycle capacity, in part to replace coal-fired power slated to be retired.
- > The already announced retirement of the 1,150 MW coal-fired Winyah Generating Station, timed to coincide with availability of the new natural gas resource and involving a parallel community-driven just transition process.
- > Adding 350 MW of innovative battery storage technology by 2040 to increase flexibility in meeting resource needs.
- > Reducing Santee Cooper's carbon emissions rate by over 50% from 2005 levels by 2040, with further reductions as more solar comes online.

This is an ongoing process. We'll continue to engage stakeholders, including by creating a stakeholder working group, and implementing a short-term action plan. That short-term plan includes working with Central Electric Power Cooperative Inc. to execute resources to meet near-term needs, and procuring additional solar over the next three years.

Learn more about the IRP [here](#).



## Keeping Electricity Affordable

One of Santee Cooper’s overarching tenets is providing affordable power. To get a better picture of residential energy affordability in South Carolina, and specifically how Santee Cooper stacks up, the utility created a cross-departmental team to study it.

Energy affordability is when a household has the resources to meet their home electric needs for heating, cooling and other uses in a responsible, sustainable and efficient manner without compromising a household’s ability to meet other basic needs.

According to the U.S. Energy Information Administration (EIA), a common metric used to assess energy affordability is known as a household’s “energy burden,” which is represented as the percent of a household’s income that is spent on energy.



The EIA states that spending more than 6% of income on home energy (including gas and electricity) is considered highly burdensome or unaffordable. The credit rating agency Fitch also assesses affordability, finding electric systems with an energy burden ratio less than 2.5% exhibit very high affordability, while those with an energy burden over 4.5% represent low affordability.

Santee Cooper’s overall 2022 energy burden for residential customers as calculated by the team was 2.0%, nearly a full percent lower than the South Carolina 2022 average of 2.8% and highly affordable according to Fitch’s standards.

“While these percentages are favorable overall, we understand there are customers who struggle to pay their bills, and we want to do what we can to assist those households,” said Bryan Lewis, Director of Retail Customer Service.

Santee Cooper offers a number of programs to help our customers, including billing and payment options, energy efficiency rebates, energy and safety education, and low interest rate loans.

In addition, the utility’s Community Cares assistance program established a fund that takes donations from any member of the public, to help anyone struggling to pay their Santee Cooper electric bill. Santee Cooper has partnered with the United Way of Horry County to administer the program. Our team also helps point customers in need to federal, state and local programs.

Santee Cooper’s pricing principles take into consideration our mission to be a low-cost provider, and we will continue to strive for affordable rates and to support our customers with programs that help them with the cost of energy.



## Serving Our Communities

Santee Cooper team members completed 25,845 community service hours in 2023. From community cleanups to construction projects, the Santee Cooper team worked to make our communities better.

Our team was instrumental in the Keep Conway Beautiful cleanups. The South Carolina Litter Control Association and Palmetto Pride/Keep SC Beautiful presented us the 2023 Lower Region Group Leadership Award, which recognizes Santee Cooper for our partnership with Keep Conway Beautiful, which meets monthly to pick up litter within the city. In 2023, 178 team members picked up 1,366 pounds of litter along more than seven miles of roads.

“A reliable volunteer network is vital to the KSCB affiliates,” said Palmetto Pride Executive Director Sarah Lyles. “With support from Santee Cooper, Keep Conway Beautiful continues to be a cornerstone of the community.”

Community outreach is an important part of our mission to improve the lives of all South Carolinians. We take that very seriously and encourage our team to volunteer however they would like. Hundreds sign up for United Way Days of Caring in their neighborhoods each year. Some prefer school career days. Others spend their days coaching, with Scouts, tutoring, serving on nonprofit boards, and volunteering in many other helpful ways.

Giving blood is high on the list, too. We teamed up with American Red Cross to host blood drives across our locations every 56 days, the length of time before you may donate again. We donated 506 units in 2023, with the help of the community members who were invited to the blood drives.

Santee Cooper has employees across the state, and we're proud to be able to make a statewide difference, one volunteer hour at a time.

## Licensed Through 2073

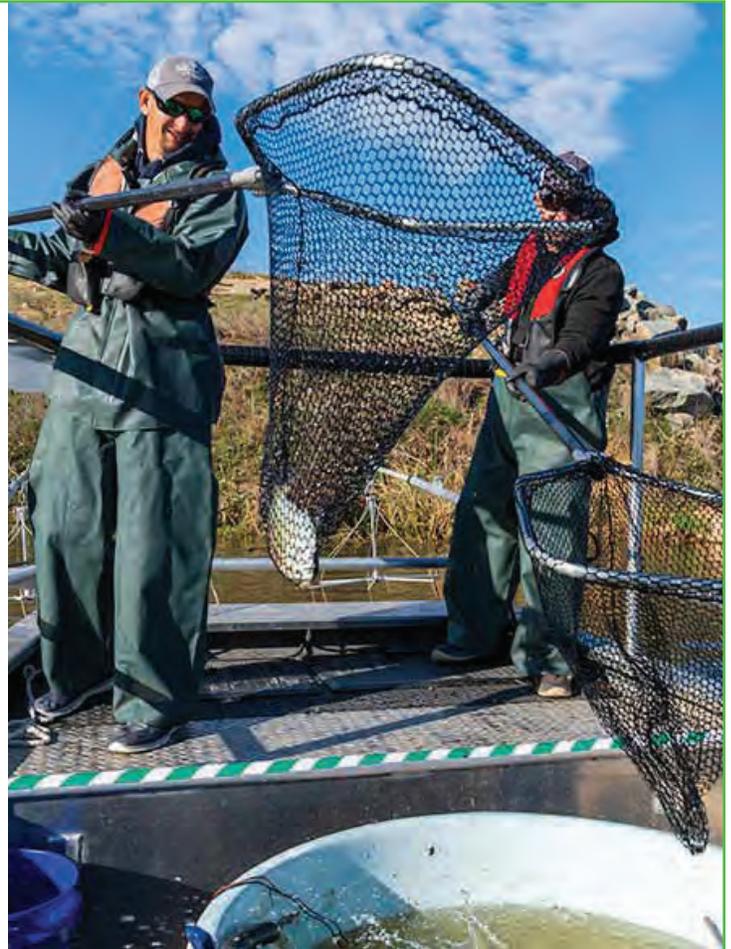
As stewards of the Santee Cooper Lakes, we are responsible for maintaining over 160,000 acres of natural paradise spanning sections of Berkeley, Calhoun, Clarendon, Orangeburg and Sumter counties. The Santee Cooper Lakes not only provide recreation, but they are also an economic driving force for the state of South Carolina. For the past 20 years, numerous Santee Cooper team members have spent countless hours and extensive collaboration with other agencies to achieve a significant milestone. We achieved that milestone on Jan. 20, 2023, when the Federal Energy Regulatory Commission (FERC) issued a new 50-year license order for the continued operation of the Santee Cooper Hydroelectric Project (Lake Marion and Lake Moultrie).

“Qualifying for a 50-year license is a huge accomplishment,” said Michael Melchers, Santee Cooper’s FERC Administrator. “It appropriately reflects the investments Santee Cooper has made and will continue to make to ensure that the Santee Cooper Project is operated safely and in an environmentally focused, sustainable way.”

The Project’s original 50-year license was issued in 1926 to the Columbia Railway and Navigation Company, giving the company permission to construct dams and a canal to improve and develop a waterway between the Santee and Cooper rivers and generate power. Funding difficulties prevented the Columbia Railway and Navigation Company from moving forward with the Project, and when Santee Cooper was established in 1934, we assumed the license. Lakes Marion and Moultrie were constructed by the early 1940s and have been operated by Santee Cooper ever since.

Back in the mid-20th century, the criteria for obtaining a license revolved around generating power and navigation. By the time we relicensed the Project for the first time in the 1970s, the local population had dramatically increased, which shifted the focus of Santee Cooper’s second FERC license more toward environmental concerns. This second license went into effect in 1979 and expired in 2006.

Because of the extended relicensing process required to obtain a new license, Santee Cooper operated the Project on annual license extensions from 2006 until FERC issued the Project’s third license in January 2023.



The terms and conditions of the 2023 license will shift Santee Cooper’s focus once again, this time toward threatened and endangered species protection, with requirements including increased flows and expanded water quality monitoring in the lower Santee River to protect fish like shortnose and Atlantic sturgeon, American eel, blueback herring and American shad.

“Without the Santee Cooper Project diverting water from the Santee River into the Cooper River, a lot of the growth that’s happened in the Lowcountry wouldn’t have been possible,” Melchers said.

And he’s right. It is easy to see Santee Cooper as simply an electric provider, but we provide much more to the community, including clean drinking water, economic development support and many outdoor recreation opportunities and amenities.

Said Melchers, “Our lakes are a critical resource – they’re a real public health and economic driver for the whole area.”



## An Inside Look at What Sustainability Means at Santee Cooper

*Shawan Gillians, Director of Sustainability and Associate General Counsel, and Robby Borden, Administrator of Sustainability, talk about what sustainability means at Santee Cooper.*

### **What does sustainability at Santee Cooper mean to your team?**

For us, sustainability is about two things: ensuring we are best positioned to meet the current and future needs of our customers, and ensuring we carry out our mission to be the leading resource for improving quality of life for all South Carolinians in a way that is mindful of the impact we have in our communities. Something we're working on is helping our teammates and other stakeholders appreciate that sustainability is about more than environmental work. Sustainability is not one size fits all, and it requires a continuous listening and learning approach to be effective.

One of William Thomson's, Lord Kelvin's, famous sayings is, "If you can't measure it, you can't improve it." Having the right data is essential to developing the right strategies to ensure our stakeholders' needs are met. We have an obligation to our customers and our communities to measure, listen and learn, so we know how we are performing today to achieve the expectations of tomorrow.

### **How have you brought a continuous listening and learning approach to Santee Cooper's Sustainability Program?**

We've spent the last year with teammates in other departments on a listening and learning tour of industrial customers to better understand how we can help them with their sustainability goals. We've also been able to put our just transition team together for the closure of Winyah Generating Station, engaging with stakeholders in the Georgetown community as well as the environmentalist community to get their thoughts on how a just transition should occur. Finally, we've been working with our teammates throughout the

company to understand the way they utilize data as we integrate the Sustainable Accounting Standards Board (SASB) and Global Reporting Initiative (GRI) standards into our 2023 Annual Sustainability Report. We still have a lot of work ahead of us, but it has been a busy year to say the least.

### **How has Santee Cooper's Sustainability Program evolved over the past five years?**

Although we didn't have a formally recognized sustainability program until 2023, Santee Cooper has always found ways to embed sustainability within our company culture and ensure our stakeholders' needs were met. With the creation of the Sustainability Department and hiring of our team, Santee Cooper has become more intentional about our sustainability efforts, including everything from what we measure and how we measure it to how we prioritize our sustainability objectives, and we're just getting started.

### **What are the next steps for the Sustainability Program?**

The next steps for sustainability at Santee Cooper include continuing our work with stakeholders to identify the areas with the most significant impact on our success moving forward and folding what we learn into short- and long-term strategies that are implementable by the company. Basically, we want to know what issues are most important to our internal and external stakeholders and check them for alignment with our objectives and priorities. Through sustainability reporting and open discussions, we want to learn how our employees and community perceive how we are doing today and ensure we best position ourselves to meet the expectations for tomorrow.



## Striving for Operational Excellence

In April 2023, Santee Cooper created an Operational Excellence business unit, focused on a revised strategic approach to performance that is intended to optimize the workflows and processes by which we operate.

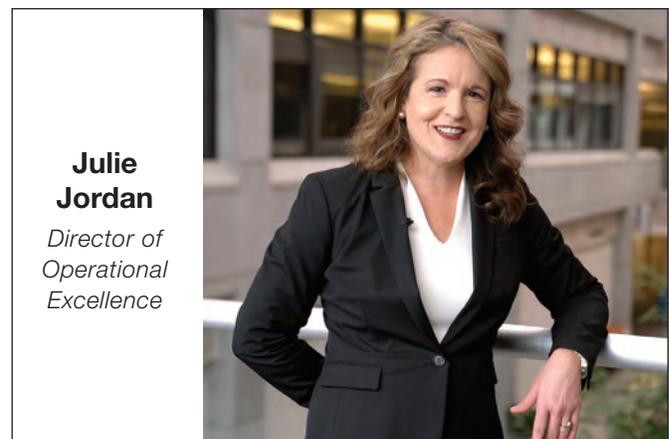
Tasked with developing and implementing this new approach are Director of Operational Excellence Julie Jordan and Senior Operational Excellence Specialist Debra Guerry. Jordan and Guerry have over 55 years of combined, diverse experience at Santee Cooper, providing them with extensive knowledge about our business and operational processes. They fall under the leadership of Monique Washington, Chief Audit and Risk Officer.

“I am extremely proud of the work that Julie, Debbie and the participating teams have accomplished in the last 10 months,” said Washington. “In particular, I am looking forward to rolling out a new Corporate Scorecard that will be used to focus on strategy and improve performance, as well as provide feedback to the organization.”

Operational Excellence had three main objectives in 2023. First was to develop a Corporate Balanced Scorecard (BSC) to act as a roadmap to help achieve our company’s strategic goals. The components of the scorecard follow four key objectives: People (Learning and Growth), Perception (Customers and Stakeholders), Performance (Internal Processes) and Profitability (Financial). The BSC helps both management and employees understand how our work fits into the bigger picture, using Key Process Indicators (KPIs) to set personal and departmental goals that align with company objectives.

The second objective was to develop an enterprise map of Santee Cooper’s core value streams, which

are representations of the end-to-end process through which a product or service is created and delivered to the customer. It focuses on the steps and activities that directly contribute to adding value from the customer’s perspective. An enterprise map provides a broader view of the entire organization, including its various functions and processes, and how they interact. It goes beyond a single value stream to encompass all value streams within the organization.



The third objective was to launch the first operational excellence (OPX) project on a value stream that would improve processes for all employees and management. The hire-to-separation value stream is housed primarily within the Human Resources department and begins with workforce planning, following the employee’s journey with the company and ends when the employee separates from the company. A cross-functional project team was assembled with the HR lead team and employees to map, measure, improve and sustain recommended process changes for over 50 sub-processes within the hire-to-separation value stream.



## New App Emphasizes Employee Connections

Approximately 60% of the company's employees work in the field at several locations throughout the state, so incorporating a tool that gives those team members the ability to connect quickly and easily was a high priority. Available on both mobile and desktop platforms, The Coop offers a centralized hub for accessing company news, recognizing achievements, and staying connected with teammates.

**Company News Updates:** Keeps all team members informed about the latest company news, announcements, and events directly through The Coop.

**Employee Recognition:** Recognizing and celebrating the achievements of colleagues, from management or peers, fosters a culture of appreciation and support.

**Team Collaboration:** The Coop makes collaboration more efficient whether team members are in the office, in the field, or working remotely.

**Work Anniversaries:** Celebrating milestones and acknowledging the dedication of team members helps boost morale.

By providing a dedicated platform for sharing updates, recognizing achievements, and collaborating effectively, The Coop promotes a positive work environment throughout the company and empowers team members to connect and succeed together.

We will continue to leverage this powerful tool and look forward to the positive outcomes for team members and the organization as a whole.

In 2023, we released our new employee app – aptly called “The Coop” – to enhance communication and collaboration within the company. The Coop is the latest tool for streamlining communication, sharing updates, and fostering a sense of community among team members.



## Serving the State for Grid Enhancement

Santee Cooper is helping other utilities acquire federal money to help strengthen the electric grid. South Carolina chose Santee Cooper to administer grant funding provided by the Department of Energy (DOE) through the Bipartisan Infrastructure Law to help protect and strengthen South Carolina's electric grid from extreme weather events. The Grid Resilience Grant offers funding to qualifying projects aiming to reduce the number of outages and improve restoration times during extreme weather events.

As the administrator for South Carolina, we agreed to match 15% of the DOE funds each year. In 2022 and 2023, we submitted to DOE \$10,766,899 in funding requests for 18 projects. Applicants included eight cooperatives, three municipal power/water utilities, and one investor-owned power company. The proposed projects are expected to impact from 87,400 residents to roughly 100 residents, depending on where the project is located.

"It has been a pleasure to work with members of the DOE, Grid Deployment Office and staff members of the National Energy Technology Laboratory, as well as working with the various electric co-ops, municipalities and other utilities as together we move through the grant application process," said Greg Edwards, Associate General Counsel at Santee Cooper. "As the state-owned public power company, it made sense for us to be available to assist in this effort to improve our state's power grid."

For 2024, \$5,458,242 in federal funding is available for the state of South Carolina. Santee Cooper has submitted the application for these funds on behalf of the State of South Carolina and similar to the previous funding period, awaits final approval from the DOE before opening the application process. Energy co-ops, municipalities, local utilities, transmission owners/operators, and distribution providers will be eligible to apply as soon as Santee Cooper receives administrative approval from the DOE. Projects must contain realistic and verifiable metrics to show areas of impact and improvement (metrics and resources should be sourced from acceptable, industry standard sites or tools). Questions can be sent to [gridresiliencegrant@santeecooper.com](mailto:gridresiliencegrant@santeecooper.com).

The Department of Energy reviews the proposed projects for final approval before funds may be accessed. This portion of the Bipartisan Infrastructure Law was approved for a five-year funding period, expected to last through fiscal year 2026.

# 2023 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

# 2023 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 1/1/2023 to 12/31/2023 with reference to the GRI Standards.

GRI Standard	Response
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### Organizational details

<u>2-1</u>	Organizational details	<a href="#">About Us</a> Santee Cooper Headquarters is located at 1 Riverwood Drive Moncks Corner, SC 29461						
<u>2-2</u>	Entities included in the organization's sustainability reporting	The South Carolina Public Service Authority (Santee Cooper)						
<u>2-3</u>	Reporting period, frequency and contact point	<b>Sustainability Reporting Period Frequency</b>	01/01/2023 to 12/31/2023; Annually					
		<b>Financial Report Reporting Period</b>	01/01/2023 to 12/31/2023					
		<b>Sustainability Report Publication Date</b>	4/30/2024					
		<b>Sustainability Report Point of Contact</b>	<b>B. Shawan Gillians;</b> Director Sustainability and Associate General Counsel					
<u>2-4</u>	Restatements of information	None						
<u>2-5</u>	External assurance	No External Auditing Performed						
<u>2-6</u>	Activities, value chain and other business relationships	<a href="#">2023 Annual Report</a> Chairman and CEO Letter						
<u>2-7</u>	Employees	<b>Employment Workforce Category</b>	<b>Female</b>		<b>Male</b>		<b>Total</b>	
			<b>Total</b>	<b>Percent</b>	<b>Total</b>	<b>Percent</b>	<b>Total</b>	<b>Percent</b>
		<b>Full-time</b>	339	21.5%	1,226	77.7%	1,565	99.2%
		<b>Part-time (30+ hours)</b>	1	0.1%	0	0.0%	1	0.1%
		<b>Part-time (less than 30 hours)</b>	3	0.2%	1	0.1%	4	0.3%
		<b>Executive</b>	3	0.2%	5	0.3%	8	0.5%
		<b>Grand Total</b>	346	21.9%	1,232	78.1%	1,578	100%
<u>2-8</u>	Workers who are not employees	<b>Contracting Entities</b>	<b># of Contracting Entities</b>			<b># of Workers</b>		
		<b>Contractors</b>	9			287		
		<b>Temp Agency</b>	1			19		

# 2023 Global Reporting Initiative GRI Content Index



GRI Standard		Response					
<u>2-9</u>	Governance structure and composition	2.9a	See S.C. Code Ann.	<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>	
		2.9b	<a href="#">Board of Directors Bylaws</a>				
		2.9c*	See S.C. Code Ann.	<a href="#">§ 58-31-20</a>	<a href="#">See SC General Assembly Act 90 of 2021, Section 7</a>		
Executive	Independence		Gender	Under-Represented Social Group			
		0	12	1	0		
<u>2-10</u>	Nomination and selection of the highest governance body	See S.C. Code Ann. <a href="#">§ 58-31-20</a>					
<u>2-11</u>	Chair of the highest governance body	The members of Santee Cooper's Board of Directors, including the chair, are independent of its management.					
<u>2-15</u>	Conflicts of interest	<a href="#">Santee Cooper Code of Ethics</a>					
<u>2-16</u>	Communication of critical concerns	<a href="#">Santee Cooper's Anonymous Hotline</a>					
<u>2-23</u>	Policy commitments	<a href="#">Santee Cooper Code of Ethics</a>		<a href="#">Standards of Conduct</a>			
<u>2-27</u>	Compliance with laws and regulations	<b>Office of Regulatory Compliance Reporting</b>					
		Occurrence Year	Details				
		2023	The Office of Regulatory Compliance reported no significant instances and \$0 in fines.				
		<b>Environmental Reporting</b>					
		Occurrence Year	Details				
		2023	Environmental Management reported one incident occurring at Cross Generating Station on 3/15/2023 when a Unit 2 particulate matter (PM) emissions test exceeded the 0.030 lb/mmBtu permit limit with the issuance of a fine of \$18,000. Follow up test on 4/27 resulted in a permissible limit.				

# 2023 Global Reporting Initiative GRI Content Index



GRI Standard	Response
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## Economic Performance

<u>201-1</u>	Direct economic value generated and distributed	<a href="#">See 2023 Annual Report</a> Statements of Revenue pg. 34 Retirement Plans pg. 81
<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	

## Procurement Practices

<u>204-1</u>	Proportion of spending on local suppliers	Local Spend	FY2022	FY2023	
		% (Local Spent)	40.6%	46.1%	
		\$s (Local Spent)	\$158,650,888	\$248,778,394	
		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.		

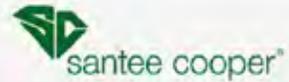
## Employment

<u>401-1</u>	New employee hires and employee turnover	Description	FY2022	FY2023
		Number of employees Hired by year	129	158
		Employees hired rate by year	8.45%	10.01%
		Number of employees who leave voluntarily (including retirement) by year	162	107
		Employee turnover rate by year	10.61%	6.78%

## Training and Education

<u>404-3</u>	Percentage of employees receiving regular performance and career development reviews	100%
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# 2023 Global Reporting Initiative GRI Content Index



GRI Standard	Response
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Diversity and Equal Opportunity	
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<b>405-1</b>	<b>Diversity of governance bodies and employees</b>	<b>Workforce Demographics by Gender, Age and Diversity</b>							
		<b>Employee Workforce</b>		<b>Under 30</b>		<b>Age 30 - 50</b>		<b>Over 50</b>	
			Female	Male	Female	Male	Female	Male	
		Asian	1	2	2	4	1	3	
		American Indian/Native	0	2	0	1	1	0	
		Black/African American	0	11	38	108	42	66	
		Hispanic/ Latino	2	5	1	2	0	3	
		Pacific Islander/Native	0	1	2	2	0	1	
		Two or more races	1	3	0	0	0	0	
		White	30	191	135	548	85	256	
		Sub Total	34	215	0	665	129	0	
		<b>Grand Total</b>	<b>249</b>		<b>665</b>		<b>458</b>		
		<b>Executive Staff</b>		<b>Under 30</b>		<b>Age 30 - 50</b>		<b>Over 50</b>	
			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	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	2	2	
		Sub Total	0	0	1	3	2	2	
		<b>Grand Total</b>	<b>0</b>		<b>3</b>		<b>4</b>		
		<b>Board of Directors</b>		<b>Under 30</b>		<b>Age 30 - 50</b>		<b>Over 50</b>	
			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	0	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	0	2	0	9	
<b>Grand Total</b>	<b>0</b>		<b>2</b>		<b>9</b>				

Customer Privacy	
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<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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**2.9c** 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.

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.

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.

# SASB INDEX

# 2023 Sustainability Accounting Standards Board (SASB) Index



Table 1. Sustainability Disclosure Topics & Metrics

SASB Code	Accounting Metric	Unit of Measure	FY 2022	FY 2023
<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	13,020,739	14,093,172
	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		99.7% <i>(Under Part 98)</i>	99.2% <i>(Under Part 98)</i>
IF-EU-110a.2	Greenhouse gas (GHG) emissions associated with power deliveries	Metric tons CO <sub>2</sub> e	15,159,828	15,097,111
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	4,274	4,820
	Air emissions for SO <sub>2</sub>		3,905	5,739
	Air emissions for particulate matter (PM <sub>10</sub> )		700.9491 <sup>(1)</sup>	921.8152
	Air emissions for lead (Pb)		0.03920 <sup>(1)</sup>	0.04380
	Air emissions for mercury (Hg)		0.0272155	0.032482
<b>Water Management</b>				
IF-EU-140a.1	Total water withdrawn	Thousand cubic meters (m <sup>3</sup> )	44,8892 <sup>(2)</sup>	432,750 <sup>(2)</sup>
	Total water consumed		58,893 <sup>(2)</sup>	59,371 <sup>(2)</sup>
IF-EU-140a.2	Number of incidents of non-compliance associated with water quality permits, standards, and regulations.	Number	2	0

# 2023 Sustainability Accounting Standards Board (SASB) Index



Table 1. Sustainability Disclosure Topics & Metrics

SASB Code	Accounting Metric	Unit of Measure	FY 2022	FY 2023
<b>Coal Ash Management</b>				
IF-EU-150a.1	Amount of coal combustion residuals (CCR) generated; percentage recycled.	Metric tons	988,885 <i>(estimated)</i>	1,098,636 <i>(estimated)</i>
		Percentage (%)	98.14% <i>(estimated)</i>	96.82% <i>(estimated)</i>
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>	<a href="#">See CCR Data Rule</a>
<b>Energy Affordability</b>				
IF-EU-240a.1	Average retail electric rate for residential customers	Rate/kwh	11.33 cents/kwh	11.38 cents/kwh <sup>(3)</sup>
	Average retail electric rate for commercial customers		9.37 cents/kwh	9.47 cents/kwh <sup>(3)</sup>
	Average retail electric rate for industrial customers		6.43 cents/kwh	5.11 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	\$64.99	\$64.94
	Typical monthly electric bill for residential customers for 1,000 kWh of electricity delivered per month		\$110.49	\$110.38
IF-EU-240a.3	Number of residential customer electric disconnections for non-payment	Number	7,134	7,994
	Percentage of residential customer electric reconnected within 30 days	Percentage (%)	88.58%	87.19%
<b>Workforce Health &amp; Safety</b>				
IF-EU-320a.1	Total recordable incident rate (TRIR)	Rate	0.51	0.77
	Fatality rate		0	0
	Near miss frequency rate (NMFR)		N/A <sup>(4)</sup>	15.8 <sup>(4)</sup>

# 2023 Sustainability Accounting Standards Board (SASB) Index



Table 1. Sustainability Disclosure Topics & Metrics

SASB Code	Accounting Metric	Unit of Measure	FY 2022	FY 2023
<b>End-Use Efficiency &amp; Demand</b>				
IF-EU-420a.2	Percentage of electric load served by smart grid technology	Percentage (%) by (MWh)	100% <i>(AMI Meters)</i>	100% <i>(AMI Meters)</i>
IF-EU-420a.3	Customer electricity savings from efficiency measures, by market	(MWh) (Residential & Commercial)	10,895 MWh <i>2022 Incremental Annual Savings</i>	10,598 MWh <i>2023 Incremental Annual Savings</i>
<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 <i>322 MW of nuclear capacity</i>	1/3 Ownership in VC Summer Unit 1 <i>322 MW of nuclear capacity</i>
IF-EU-540a.2	Description of efforts to manage nuclear safety and emergency preparedness	N/A	<a href="#">Emergency Preparedness &amp; Response NRC.gov</a>	<a href="#">Emergency Preparedness &amp; Response NRC.gov</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	25.396	23.932
	System Average Interruption Frequency Index (SAIFI), inclusive of major event days	Number	0.476	0.363
	Customer Average Interruption Duration Index (CAIDI), inclusive of major event days	Minutes	53.331	65.9829

## 2023 Sustainability Accounting Standards Board (SASB) Index



Table 2. Activity Metrics

SASB Code	Accounting Metric	Unit	FY 2022	FY 2023		
<b>Total Customers Served</b>						
IF-EU-000.A	Residential customers served	Number	172,412	182,068		
	Commercial customers served		33,112	30,530		
	Industrial customers served		27	28		
<b>Total Electricity Delivered</b>						
IF-EU-000.B	Total electricity delivered to residential customers	(MWh)	1,979,376	1,994,237		
	Total electricity delivered to commercial customers		1,884,743	1,876,566		
	Total electricity delivered to industrial customers		6,012,105	6,009,452		
	Total electricity delivered to other commercial customers		<b>Public Lighting:</b> 15,562 <b>Other:</b> 38,704	<b>Public Lighting:</b> 16,357 <b>Other:</b> 37,421		
	Total electricity delivered to wholesale customers		16,294,000	16,250,900		
<b>Length of Transmission &amp; Distribution Lines)</b>						
IF-EU-000.C	Length of Distribution lines km	Kilometers (km)	5,020 km	5,084 km		
	Length of Transmission lines km		8,406 km	8,457 km		
SASB Code	FY 2022		FY 2023			
<b>Total electricity generated, percentage by major energy source, percentage in regulated markets</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	9,953,262	52.47%	Coal	11,096,020	56.34%
	Nuclear	2,863,279	15.09%	Nuclear	2,499,418	12.69%
	Natural Gas	5,688,274	29.99%	Natural Gas	5,588,958	28.38%
	Solar <sup>(5)</sup>	0	0.00%	Solar <sup>(5)</sup>	0	0.00%
	Hydropower	418,764	2.21%	Hydropower	464,761	2.36%
	Renewables (Biomass)	38,856	0.20%	Renewables (Biomass)	45,475	0.23%
	Petroleum (Oil)	6,458	0.03%	Petroleum (Oil)	0	0.00%
	<b>Total</b>	<b>18,968,893</b>	<b>100.00%</b>	<b>Total</b>	<b>19,694,632</b>	<b>100.00%</b>
<b>Total wholesale electricity purchased</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>
	Solar	182,527	2.28%	Solar	453,691	6.27%
	Hydropower	593,511	7.40%	Hydropower	552,267	7.63%
	Renewables (Biomass)	504,263	6.29%	Renewables (Biomass)	496,447	6.86%
	Other	6,739,338	84.04%	Other	5,737,242	79.25%
	<b>Total</b>	<b>8,019,639</b>	<b>100.00%</b>	<b>Total</b>	<b>7,239,647</b>	<b>100.00%</b>

1. 2022 Parameters related to PM10 and Pb were reassessed and recalculated to show revised values.

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

3. Average retail electric rates based on 2023 December Financial Statement.

4. Began tracking NMFR in 2023.

5. Revision from 2022: Solar Power was moved to the Purchase Power totals.

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