

# 2024 Sustainability Accounting Standards Board (SASB) Index



Table 1. Sustainability Disclosure Topics & Metrics

SASB Code	Accounting Metric	Unit	FY 2023	FY 2024
Greenhouse Gas Emissions & Energy Resource Planning				
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 CO2 rates to approximately 44% of 2005 levels by the mid-2030s. <a href="#">See Santee Cooper IRP</a>	
Air Quality				
IF-EU-120a.1	Air emissions for NO <sub>x</sub> (excluding N2O) emissions	Metric tons	4,820	5,517
	Air emissions for SO <sub>2</sub>		5,739	6,956
	Air emissions for particulate matter (PM10)		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
Water Management				
IF-EU-140a.1	Total water withdrawn	Thousand cubic meters (m 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

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<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>

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End-Use Efficiency & Demand				
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
Nuclear Safety & Emergency Management				
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>	
Grid Resiliency				
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>

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Table 2. Activity Metrics

SASB Code	Accounting Metric	Unit	FY 2023	FY 2024		
Total Customers Served						
IF-EU-000.A	Residential customers served	Number	182,068	185,529		
	Commercial customers served		30,530	30,938		
	Industrial customers served		28	29		
Total Electricity Delivered						
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		Public Lighting: 16,357 Other: 37,421	Public Lighting: 15,492 Other: 38,121		
	Total electricity delivered to wholesale customers		16,250,900	17,052,942		
Length of Transmission & Distribution Lines)						
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			
Total electricity generated, percentage by major energy source, percentage in regulated markets <sup>(6)</sup>						
IF-EU-000.D	Generation Source	MWh	% Electricity Generated	Generation Source	MWh	% Electricity Generated
	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%
	Total	19,694,632	100.00%	Total	20,064,048	100.00%
Total wholesale electricity purchased <sup>(6)</sup>						
IF-EU-000.E	Generation Source	MWh	% Electricity Generated	Generation Source	MWh	% Electricity Generated
	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%
	Total	7,239,647	100.00%	Total	7,846,131	100.00%

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 it's 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.