

2023 Sustainability Accounting Standards Board (SASB) Index



Table 1. Sustainability Disclosure Topics & Metrics

SASB Code	Accounting Metric	Unit of Measure	FY 2022	FY 2023
Greenhouse Gas Emissions & Energy Resource Planning				
IF-EU-110a.1	Gross global Scope 1 CO ₂ emissions	Metric tons CO ₂ e	13,020,739	14,093,172
	Gross global Scope 1 CO ₂ percentage covered under emissions-limiting regulations	Percentage (%) CO ₂ e	0%	0%
	Gross global Scope 1 CO ₂ 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 ₂ 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 ₂ rates to approximately 44% of 2005 levels by the mid-2030s. See Santee Cooper IRP	
Air Quality				
IF-EU-120a.1	Air emissions for NO _x (excluding N ₂ O) emissions	Metric tons	4,274	4,820
	Air emissions for SO ₂		3,905	5,739
	Air emissions for particulate matter (PM ₁₀)		700.9491 ⁽¹⁾	921.8152
	Air emissions for lead (Pb)		0.03920 ⁽¹⁾	0.04380
	Air emissions for mercury (Hg)		0.0272155	0.032482
Water Management				
IF-EU-140a.1	Total water withdrawn	Thousand cubic meters (m ³)	44,8892 ⁽²⁾	432,750 ⁽²⁾
	Total water consumed		58,893 ⁽²⁾	59,371 ⁽²⁾
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
Coal Ash Management				
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	See CCR Data Rule	See CCR Data Rule
Energy Affordability				
IF-EU-240a.1	Average retail electric rate for residential customers	Rate/kwh	11.33 cents/kwh	11.38 cents/kwh ⁽³⁾
	Average retail electric rate for commercial customers		9.37 cents/kwh	9.47 cents/kwh ⁽³⁾
	Average retail electric rate for industrial customers		6.43 cents/kwh	5.11 cents/kwh ⁽³⁾
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%
Workforce Health & Safety				
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 ⁽⁴⁾	15.8 ⁽⁴⁾

2023 Sustainability Accounting Standards Board (SASB) Index



Table 1. Sustainability Disclosure Topics & Metrics

SASB Code	Accounting Metric	Unit of Measure	FY 2022	FY 2023
End-Use Efficiency & Demand				
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>
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 <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	Emergency Preparedness & Response NRC.gov	Emergency Preparedness & Response NRC.gov
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	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		
Total Customers Served						
IF-EU-000.A	Residential customers served	Number	172,412	182,068		
	Commercial customers served		33,112	30,530		
	Industrial customers served		27	28		
Total Electricity Delivered						
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		Public Lighting: 15,562 Other: 38,704	Public Lighting: 16,357 Other: 37,421		
	Total electricity delivered to wholesale customers		16,294,000	16,250,900		
Length of Transmission & Distribution Lines)						
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			
Total electricity generated, percentage by major energy source, percentage in regulated markets						
IF-EU-000.D	Generation Source	MWh	% Electricity Generated	Generation Source	MWh	% Electricity Generated
	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 ⁽⁵⁾	0	0.00%	Solar ⁽⁵⁾	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%
Total	18,968,893	100.00%	Total	19,694,632	100.00%	
Total wholesale electricity purchased						
IF-EU-000.D	Generation Source	MWh	% Electricity Generated	Generation Source	MWh	% Electricity Generated
	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%
Total	8,019,639	100.00%	Total	7,239,647	100.00%	

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.