

SASB table

SASB ELECTRIC UTILITIES & POWER GENERATORS (SECTOR SICS) <sup>1</sup>							2023	NOTES
TOPIC	ACCOUNTING METRIC	CATEGORY	UNIT OF MEASURE	CODE SASB	GRI STANDARD			
NUMBER OF CUSTOMERS SERVED								
(1) residential		Quantitative	#	IF-EU-000.A	EU3	4.1. ESG and Operational indicators – Energy Consumers and End-Users – Customers by type of use		
(2) commercial		Quantitative	#	IF-EU-000.A	EU3	4.1. ESG and Operational indicators – Energy Consumers and End-Users – Customers by type of use		
(3) industrial		Quantitative	#	IF-EU-000.A	EU3	4.1. ESG and Operational indicators – Energy Consumers and End-Users – Customers by type of use		
TOTAL ELECTRICITY DELIVERED TO CUSTOMERS								
(1) residential		Quantitative	MWh	IF-EU-000.B	102-7	Partial: 4.1. ESG and Operational indicators – Energy Consumers and End-Users		
(2) commercial		Quantitative	MWh	IF-EU-000.B	102-7	Partial: 4.1. ESG and Operational indicators – Energy Consumers and End-Users		
(3) industrial		Quantitative	MWh	IF-EU-000.B	102-7	Partial: 4.1. ESG and Operational indicators – Energy Consumers and End-Users		
(4) all other retail		Quantitative	MWh	IF-EU-000.B	102-7	Partial: 4.1. ESG and Operational indicators – Energy Consumers and End-Users		
(5) wholesale		Quantitative	MWh	IF-EU-000.B	102-7	Partial: 4.1. ESG and Operational indicators – Energy Consumers and End-Users		
Length of transmission and distribution lines		Quantitative	km	IF-EU-000.C	EU4	Distribution: 384,516 km; Transportation: 2,535 km 4.1. ESG and Operational indicators – Energy Consumers and End-Users		
Total electricity generated, percentage by major energy source, percentage in regulated markets		Quantitative	MWh, %	IF-EU-000.D	EU2	56,394,700 MWh; 87% renewable; 56% wind; 25% hydro; 6% solar 4.1. ESG and Operational Indicators – Climate Change		
Total wholesale electricity purchased		Quantitative	MWh	IF-EU-000.E			2,632,503	
Greenhouse gas emissions & energy resource planning	(1) Gross global Scope 1 emissions	Quantitative	tCO <sub>2</sub> -e	IF-EU-110a.1	305-4		4,275,846	
	(2) Percentage covered under emissions-limiting regulations	Quantitative	%	IF-EU-110a.1	EU5		98.3	2
	(3) Percentage covered emissions-reporting regulations	Quantitative	%	IF-EU-110a.1	EU5		99.4	3
	Greenhouse gas (GHG) emissions associated with power deliveries	Quantitative	tCO <sub>2</sub> -e	IF-EU-110a.2	305-4		4,320,471	4

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	Discussion of long-term and short-term strategy or plan to manage Scope 1 emissions, emissions reduction targets, and an analysis of performance against those targets	Discussion and Analysis	n/a	IF-EU-110a.3	305-4	2.4. Strategic priorities; 3.4.1. Climate change; <a href="#">Climate Transition Plan</a> ; <a href="#">CDP Climate Change 2023</a>		
	(1) Number of customers served in markets subject to renewable portfolio standards (RPS)	Quantitative	#	IF-EU-110a.4		EDP didn't have customers served in markets subject to renewable portfolio standards (RPS)		
	(2) Percentage fulfillment of RPS target by market	Quantitative	%	IF-EU-110a.4		EDP didn't have customers served in markets subject to renewable portfolio standards (RPS)		
	<b>Air emissions of the following pollutants:</b>							
Air quality	(1) NOx (excluding N <sub>2</sub> O)	Quantitative	t	IF-EU-120a.1	305-7		2,493	
	(2) SOx	Quantitative	t	IF-EU-120a.1	305-7		1,045	
	(3) Particulate matter (PM10)	Quantitative	t	IF-EU-120a.1	305-7		91	
	(4) Lead (Pb)	Quantitative	t	IF-EU-120a.1	305-7		Not applicable	5
	(5) Mercury (Hg)	Quantitative	t	IF-EU-120a.1	305-7		0.0317	
	(1) NOx (excluding N <sub>2</sub> O)	Quantitative	% of NOx, SOx, PM10; Pb and Hg from EDP's facilities that are located in or near areas of dense population	IF-EU-120a.1	305-7		100	
	(2) SOx	Quantitative		IF-EU-120a.1	305-7		100	
	(3) Particulate matter (PM10)	Quantitative		IF-EU-120a.1	305-7		100	
	(4) Lead (Pb)	Quantitative		IF-EU-120a.1	305-7		Not applicable	5
	(5) Mercury (Hg)	Quantitative		IF-EU-120a.1	305-7		100	
Water management	(1) Total water withdrawn	Quantitative	10 <sup>3</sup> xm <sup>3</sup>	IF-EU-140a.1	303-1	4.2. GRI Indicators – Environmental indicators	543,304	
	(2.a) Total water consumed	Quantitative	10 <sup>3</sup> xm <sup>3</sup>	IF-EU-140a.1	303-1	4.2. GRI Indicators – Environmental indicators	5,430	
	(2.b) Percentage of each in regions with High or Extremely High Baseline Water Stress	Quantitative	%	IF-EU-140a.1	303-1	0.06% and 5.96% of total water withdrawn and total water consumed, respectively		
	Number of incidents of non-compliance associated with water quantity and/or quality permits, standards, and regulations	Quantitative	#	IF-EU-140a.2	307-1	No incidents of non-compliance. This indicator is yearly reported on <a href="#">CDP Water Security</a>		
	Description of water management risks and discussion of strategies and practices to mitigate those risks	Discussion and Analysis	n/a	IF-EU-140a.3	103-1; 103-2; 103-3	<a href="#">CDP Water Security</a> ; <a href="#">www.edp.com</a> sustainability>protecting our planet>circular economy>natural resources>water		
Coal ash management	Amount of coal combustion residuals (CCR) generated	Quantitative	t	IF-EU-150a.1	306-2		169,445	

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	Percentage of CCR recycled	Quantitative	%	IF-EU-150a.1	306-2	98.2	
	Total number of coal combustion residual (CCR) impoundments, broken down by hazard potential classification and structural integrity assessment	Quantitative	#	IF-EU-150a.2	306-2	Not available	
	<b>Average retail electric rate for:</b>						
	(1) residential	Quantitative	€/kWh	IF-EU-240a.1		Not available	
	(2) commercial	Quantitative	€/kWh	IF-EU-240a.1		Not available	
	(3) industrial customers	Quantitative	€/kWh	IF-EU-240a.1		Not available	
Energy affordability	Typical monthly electric bill for residential customers for (1) 500 kWh and (2) 1,000 kWh of electricity delivered per month	Quantitative	Reporting currency	IF-EU-240a.2		Not available	
	Number of residential customer electric disconnections for non-payment	Quantitative	#	IF-EU-240a.3	EU27	4.1. ESG and Operational Indicators – Energy Consumers and End-Users – Service Reconnection	
	Percentage reconnected within 30 days	Quantitative	%	IF-EU-240a.3	EU28; EU29	4.1. ESG and Operational Indicators – Energy Consumers and End-Users – Service Reconnection	
	Discussion of impact of external factors on customer affordability of electricity, including the economic conditions of the service territory	Discussion and Analysis	n/a	IF-EU-240a.4	G4-DMA: Access	3.4.11.1. Social inclusion of consumers and end-users; 2.1. Business Environment; 4.1. ESG and Operational Indicators – Energy Consumers and End-Users – Customers with social tariff, priorities and special needs	
Workforce health & safety	(1) Total recordable incident rate (TRIR)	Quantitative	Rate	IF-EU-320a.1	403-2; 403-3	3,11 4.2. GRI Indicators – Social indicators	6
	(2) Fatality rate	Quantitative	Rate	IF-EU-320a.1	403-2; 403-3	0.06 4.2. GRI Indicators – Social indicators	7
	(3) Near miss frequency rate (NMFR)	Quantitative	Rate	IF-EU-320a.1	403-2; 403-3	6.12 4.2. GRI Indicators – Social indicators	
End-use efficiency & demand	Percentage of electric utility revenues from rate structures that are decoupled	Quantitative	%	IF-EU-420a.1		Not applicable	
	Percentage of electric utility revenues from rate structures that contain a lost revenue adjustment mechanism (LRAM)	Quantitative	%	IF-EU-420a.1		Not applicable	
	Percentage of electric load served by smart grid technology	Quantitative	% by MWh	IF-EU-420a.2		90.5	
	Customer electricity savings from efficiency measures, by market	Quantitative	MWh	IF-EU-420a.3	302-4	6,118,630 MWh (accumulated since 2015)	
Nuclear safety & emergency management	Total number of nuclear power units, broken down by U.S. Nuclear Regulatory Commission (NRC) Action Matrix Column	Quantitative	#	IF-EU-540a.1		EDP consolidates the company Iberenergia S.A.U which the group owns at 100% and which consolidates by the method of integral consolidation, as EDP being a minority	

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							shareholder does not exercise operational control or have power in financial decision-making. Therefore, EDP does not report ESG information from this plant	
	Description of efforts to manage nuclear safety and emergency preparedness	Discussion and Analysis	n/a	IF-EU-540a.2			EDP consolidates the company Iberenergia S.A.U which the group owns at 100% and which consolidates by the method of integral consolidation, as EDP being a minority shareholder does not exercise operational control or have power in financial decision-making. Therefore, EDP does not report ESG information from this plant	
Grid resiliency	Number of incidents of non-compliance with physical and/or cybersecurity standards or regulations	Quantitative	#	IF-EU-550a.1	418-1		Not available	
	(1) System Average Interruption Duration Index (SAIDI)	Quantitative	#	IF-EU-550a.2	G4-DMA Availability and Reliability	4.1. ESG and Operational Indicators – Energy Consumers and End-Users	174	
	(2) System Average Interruption Frequency Index (SAIFI)	Quantitative	#	IF-EU-550a.2	G4-DMA Availability and Reliability	4.1. ESG and Operational Indicators – Energy Consumers and End-Users	1.9	
	(3) Customer Average Interruption Duration Index (CAIDI), inclusive of major event days	Quantitative	#	IF-EU-550a.2	G4-DMA Availability and Reliability	4.1. ESG and Operational Indicators – Energy Consumers and End-Users	89.5	

<sup>1</sup> Industry composition is based on the mapping of the sustainable industry classification system (SICSTM). <sup>2</sup> Only includes emissions from facilities covered by EU-ETS (Emission Trading System). <sup>3</sup> Includes CO2 and SF6 emissions from all thermal power plants. <sup>4</sup> EDP used national emission factors (Portugal, Spain and Brazil). <sup>5</sup> EDP didn't track lead. <sup>6</sup> Total recordable incident rate (TRIR) – Number of mandatory reporting work accidents per million hours worked over a period of one year (reference period); <sup>7</sup> Fatality rate – Number of fatal work accidents per million hours worked over a period of one year (reference period).