

2023 ESG PERFORMANCE

Capital
Power 



2023 ESG performance

	2023 ¹	2022	2021	2020	GRI Disclosure	SASB Disclosure
	Indicated unit	Indicated unit	Indicated unit	Indicated unit		
Operations						
(Total electricity generated, percentage by major energy source, percentage in regulated markets (megawatt hours (MWh), percentage (%))						
Net thermal energy generation						
Net production – energy source and generation percentage (coal)	5,834,724 17.3%	8,596,359 27.5%	7,692,081 39.5%	9,166,000 46.3%		IF-EU-000.D
Net production – energy source and generation percentage (natural gas)	23,352,928 69.1%	17,543,646 56.2%	7,370,195 37.8%	5,728,000 28.9%		IF-EU-000.D
Net renewable generation						
Net production – energy source and generation percentage (hydro)	0 0.0%	0 0.0%	0 0.0%	0 0.0%		IF-EU-000.D
Net production – energy source and generation percentage (solar)	247,925 0.7%	100,909 0.3%	28,205 0.1%	27,000 0.1%		IF-EU-000.D
Net production – energy source and generation percentage (biomass)	0 0.0%	0 0.0%	55,815 0.3%	356,000 1.8%		IF-EU-000.D
Net production – energy source and generation percentage (wind)	4,376,128 12.9%	4,957,868 15.9%	4,280,126 22.0%	4,230,000 21.4%		IF-EU-000.D
Net production – energy source and generation percentage (tire-derived fuel)	0 0.0%	0 0.0%	44,053 0.2%	287,000 1.4%		IF-EU-000.D
Net production – energy source and generation percentage (landfill gas)	5,423 0.0%	9,032 0.0%	2,785 0.0%	3,000 0.0%		IF-EU-000.D
Environment						
Energy consumption – natural gas (GJ)	210,508,871	155,615,349	61,686,853	49,741,778	302-1	
Energy consumption – coal (GJ)	59,683,763	85,325,590	76,736,277	91,150,792	302-1	
Energy consumption – bio-mass (GJ)	0	0	1,186,685	6,704,422	302-1	
Energy consumption – landfill gas (GJ)	320,703	352,952	382,253	422,202	302-1	
Energy consumption – tire-derived fuel (GJ)	0	0	955,255	5,548,704	302-1	
Energy intensity (GJ/MWh)	4.19	7.88	7.44	7.99	305-4	
Greenhouse gas emissions – Scope 1 absolute (tCO ₂ e)	16,234,470	15,908,540	13,742,607 ²	16,053,699 ²	305-1	IF-EU-110a.1, IF-EU-110a.2
Greenhouse gas emissions – intensity (tCO ₂ e/MWh)	0.48	0.51	0.52 ²	0.55 ²	305-4	
Reduction of GHG emissions (tCO ₂ e)	2,134,309	968,718	847,576	601,018	305-5	

¹ Frederickson 1 was acquired on December 28, 2023 (see Significant events). Due to the proximity of the acquisition to December 31, 2023, generation, availability and revenues are immaterial. For all other metrics, data was unavailable for year-end reporting and has therefore been excluded.

² Scope 1 absolute emissions and emissions intensity have been restated for 2020 and 2021. For details about GHG emissions restatements, see GRI 2-4.

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	2023 ¹	2022	2021	2020	GRI Disclosure	SASB Disclosure
	Indicated unit	Indicated unit	Indicated unit	Indicated unit		
Environment (continued)						
Air emissions – NOx (tonnes)	18,914	17,895	13,079	16,216	305-7	IF-EU-120a.1
Air emissions – SO2 (tonnes)	14,719	17,926	15,500	20,565	305-7	IF-EU-120a.1
Air emissions – particulate matter (tonnes)	1,045	1,094	603	895	305-7	IF-EU-120a.1
Air emissions – mercury (kg)	22	26	22	23	305-7	IF-EU-120a.1
Water withdrawal (megalitres)	57,284	58,310	44,214	47,594	303-3	IF-EU-140a.1
Water discharge (megalitres)	39,091	36,748	31,457	37,123	303-4	IF-EU-140a.1
Water consumed (megalitres)	18,193	21,562	12,757	10,471	303-5	IF-EU-140a.1
Number of incidents of non-compliance associated with water quantity and/or quality permits, standards and regulations	0	0	0	0		IF-EU-140a.1
Economic						
Revenues and other income (\$M)	4,282	2,929	1,990	1,937	201-1	
Adjusted funds from operations (\$M)	819	848	605	522	201-1	
Net cash flows from operating activities (\$M)	822	935	867	611	201-1	
Dividends declared per common share (\$/share)	2.39	2.26	2.12	1.99	201-1	
Community investments (\$M)	3.40	5.40	1.80	1.50	201-1	
Corporate Governance						
Board diversity – gender (%) ²	40	40	44	44		
Total compensation ratio – CEO/employees (ratio)	28.6:1	25.1:1	26.1:1	23.5:1	102-38	
Supply Chain						
Procurement – spending on local suppliers (%)	53	68	55	68	204-1	
People						
Total number of employees (number)	866	773	797	827	102-8	
Permanent employees (numbers)	744	717	797	786	102-8	
Employee diversity – overall (% women)	26	26	27	25	405-1	
Employee diversity – executive (% women)	44	43	43	43	405-1	
Employees covered by collective bargaining agreements (%)	33	31	29	30		

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² Includes all members of the Board of Directors.



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