



Electric Company ESG/Sustainability Quantitative Information

Parent Company: Emera Inc.
Operating Company(s): Tampa Electric, Nova Scotia Power, Emera Energy (Brooklyn Power), Emera Newfoundland and Labrador, Grand Bahama Power Company, and Barbados Light and Power Company Limited
Business Type(s): All are vertically integrated electric utilities except for Emera Energy's Brooklyn Power, which is a biomass generating facility in Nova Scotia.
State(s) of Operation: Florida, Nova Scotia and Newfoundland and Labrador (Canada), Bahamas, and Barbados
State(s) with RPS Programs: n/a
Regulatory Environment: Both (Regulated and Deregulated)
Report Date: 2023 Submission

Ref. No.	Refer to the 'EEI Definitions' tab for more information on each metric	Baseline 2005	Last Year 2021	Current Year 2022	Comments, Links, Additional Information, and Notes
Portfolio					
1	Owned Nameplate Generation Capacity at end of year (MW)		9,784	10,034	
1.1	Coal		1,711	1,711	
1.2	Natural Gas		5,752	5,751	
1.3	Nuclear		-	-	n/a
1.4	Petroleum		957	918	
1.5	Total Renewable Energy Resources		1,365	1,654	
1.5.1	Biomass/Biogas		93	93	
1.5.2	Geothermal		-	-	n/a
1.5.3	Hydroelectric		382	378	
1.5.4	Solar		741	1,035	
1.5.5	Wind		148	148	
1.6	Other		-	-	n/a
2	Net Generation for the data year (MWh)		30,590,145	28,941,224	
2.1	Coal		6,499,420	6,004,698	
2.2	Natural Gas		17,817,633	18,722,404	
2.3	Nuclear		-	-	n/a
2.4	Petroleum		3,671,092	1,450,153	
2.5	Total Renewable Energy Resources		2,601,999	2,757,795	
2.5.1	Biomass/Biogas		308,369	146,217	
2.5.2	Geothermal		-	-	n/a
2.5.3	Hydroelectric		793,053	875,045	
2.5.4	Solar		1,267,155	1,506,941	
2.5.5	Wind		233,422	229,592	
2.6	Other		3,419,892	4,014,508	Includes purchased power
3	Capital Expenditures and Energy Efficiency (EE)				
3.1	Total Annual Capital Expenditures (nominal dollars)		\$ 2,420,000,000	\$ 2,646,000,000	
3.2	Incremental Annual Electricity Savings from EE Measures (MWh)		187,800	191,446	
3.3	Incremental Annual Investment in Electric EE Programs (nominal dollars)		\$ 57,209,500	\$ 107,362,400	Electricity savings from EE measures include data for Emera affiliates Tampa Electric and Nova Scotia Power. Provided in CAD dollars. Annual
4	Retail Electric Customer Count (at end of year)				
4.1	Commercial		129,931	142,664	
4.2	Industrial		3,907	4,140	
4.3	Residential		1,371,454	1,361,351	
Emissions					
5	GHG Emissions: Carbon Dioxide (CO2) and Carbon Dioxide Equivalent (CO2e)				
5.1	Owned Generation				
5.1.1	Carbon Dioxide (CO2)				
5.1.1.1	Total Owned Generation CO2 Emissions (MT)		15,308,000	14,676,459	
5.1.1.2	Total Owned Generation CO2 Emissions Intensity (MT/Net MWh)		0.500	0.507	
5.1.2	Carbon Dioxide Equivalent (CO2e)	25,048,100			The 2005 baseline was adjusted from the value of 25,017,167 tonnes reported in the 2021 report to reflect the sale of DOMLEC in early 2023 as well as changes in base year
5.1.2.1	Total Owned Generation CO2e Emissions (MT)		15,453,000	14,925,186	
5.1.2.2	Total Owned Generation CO2e Emissions Intensity (MT/Net MWh)		0.505	0.516	
5.2	Purchased Power				
5.2.1	Carbon Dioxide (CO2)		1,137,318	1,096,801	
5.2.1.1	Total Purchased Generation CO2 Emissions (MT)		0.33	0.27	
5.2.1.2	Total Purchased Generation CO2 Emissions Intensity (MT/Net MWh)				
5.2.2	Carbon Dioxide Equivalent (CO2e)				
5.2.2.1	Total Purchased Generation CO2e Emissions (MT)		1,137,318	1,096,801	
5.2.2.2	Total Purchased Generation CO2e Emissions Intensity (MT/Net MWh)		0.33	0.27	
5.3	Owned Generation + Purchased Power				
5.3.1	Carbon Dioxide (CO2)				
5.3.1.1	Total Owned + Purchased Generation CO2 Emissions (MT)		-	-	
5.3.1.2	Total Owned + Purchased Generation CO2 Emissions Intensity (MT/Net MWh)		-	-	
5.3.2	Carbon Dioxide Equivalent (CO2e)				
5.3.2.1	Total Owned + Purchased Generation CO2e Emissions (MT)		16,590,318	16,021,987	
5.3.2.2	Total Owned + Purchased Generation CO2e Emissions Intensity (MT/Net MWh)		0.488	0.486	
5.4	Non-Generation CO2e Emissions of Sulfur Hexafluoride (SF6)				
5.4.1	Total CO2e emissions of SF6 (MT)		21,140	19,482	
5.4.2	Leak rate of CO2e emissions of SF6 (MT/Net MWh)		0.0007	0.0007	
6	Nitrogen Oxide (NOx), Sulfur Dioxide (SO2), Mercury (Hg)				
6.1	Generation basis for calculation				
			Total		
6.2	Nitrogen Oxide (NOx)				
6.2.1	Total NOx Emissions (MT)		23,269	17,886	
6.2.2	Total NOx Emissions Intensity (MT/Net MWh)		0.000761	0.000618	



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Ref. No.	Refer to the 'EEI Definitions' tab for more information on each metric	Baseline 2005	Last Year 2021	Current Year 2022	Comments, Links, Additional Information, and Notes
6.3	Sulfur Dioxide (SO2)				
6.3.1	Total SO2 Emissions (MT)		63,515	61,524	
6.3.2	Total SO2 Emissions Intensity (MT/Net MWh)		0.002076	0.002126	
6.4	Mercury (Hg)				
6.4.1	Total Hg Emissions (kg)		40.0	55.0	
6.4.2	Total Hg Emissions Intensity (kg/Net MWh)		0.000001	0.000002	
Resources					
7	Human Resources				
7.1	Total Number of Employees		7,100	7,100	
7.2	Percentage of Women in Total Workforce		30	29	
7.3	Percentage of Minorities in Total Workforce		25	(US) 42%; (Canada) 7%	In the US, "visible minorities" includes American Indian, Alaskan Native, Asian, Black or African American, Hispanic, Latino, Native Hawaiian or Other Pacific Islander, or two or more races. We operate in Florida and New Mexico, where
7.4	Total Number on Board of Directors/Trustees		11	12	
7.5	Percentage of Women on Board of Directors/Trustees		36	42	
7.6	Percentage of Minorities on Board of Directors/Trustees		-	-	
7.7	Employee Safety Metrics				
7.7.1	Recordable Incident Rate		1.06	1.05	
7.7.2	Lost-time Case Rate		0.36	0.30	
7.7.3	Days Away, Restricted, and Transfer (DART) Rate		27.95	22.71	
7.7.4	Work-related Fatalities		0	1	
8	Fresh Water Resources used in Thermal Power Generation Activities				
8.1	Water Withdrawals - Consumptive (Millions of Gallons)		2,806	4,699	
8.2	Water Withdrawals - Non-Consumptive (Millions of Gallons)		159.30	23.00	
8.3	Water Withdrawals - Consumptive Rate (Millions of Gallons/Net MWh)		0.00009	0.00016	
8.4	Water Withdrawals - Non-Consumptive Rate (Millions of Gallons/Net MWh)		0	0	
9	Waste Products				
9.1	Amount of Hazardous Waste Manifested for Disposal		40	229	
9.2	Percent of Coal Combustion Products Beneficially Used		25%	35%	In 2022, Emera companies produced a total of 440,329 metric tonnes of coal ash, of which approximately 35 per cent (152,251 metric tonnes) was repurposed for other industrial uses.

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Gas Company ESG/Sustainability Quantitative Information

Parent Company: Emera Inc.
Operating Company(s): Peoples Gas System, New Mexico Gas
Business Type(s): Wholly owned subsidiaries of Emera Inc.
State(s) of Operation: Florida, New Mexico
Regulatory Environment: Regulated
Report Date: 2023 Submission

Ref. No.	Refer to the "Definitions" column for more information on each metric.	Baseline 2011	Last Year 2021	Current Year 2022	Definitions
Natural Gas Distribution					
					<i>Summary of disclosures as reported to the EPA under 40 CFR 98, Subpart W, Petroleum and Natural Gas System.</i>
1	METHANE EMISSIONS AND MITIGATION FROM DISTRIBUTION MAINS				
1.1	Number of Gas Distribution Customers	829,638	987,369	1,013,457	
1.2	Distribution Mains in Service				
1.2.1	Plastic (miles)	11,687	16,121	16,505	
1.2.2	Cathodically Protected Steel - Bare & Coated (miles)	9,203	9,328	9,321	
1.2.3	Unprotected Steel - Bare & Coated (miles)	376	23	15	
1.2.4	Cast Iron / Wrought Iron - without upgrades (miles)	113	3	1	
1.3	Plan/Commitment to Replace / Upgrade Remaining Miles of Distribution Mains (# years to complete)				
1.3.1	Unprotected Steel (Bare & Coated) (# years to complete)	10	2	0	
1.3.2	Cast Iron / Wrought Iron (# years to complete)	10	2	0	
2	Distribution CO2e Fugitive Emissions				
2.1	CO2e Fugitive Methane Emissions from Gas Distribution Operations (metric tons)	141,561	117,442	117,623	
2.2	CH4 Fugitive Methane Emissions from Gas Distribution Operations (metric tons)	5,662	4,698	4,705	
2.2.1	CH4 Fugitive Methane Emissions from Gas Distribution Operations (MMSCF/year)	295	245	245	
2.3	Annual Natural Gas Throughput from Gas Distribution Operations in thousands of standard cubic feet (Mscf/year)	199,814,086	257,018,154	260,241,495	
2.3.1	Annual Methane Gas Throughput from Gas Distribution Operations in millions of standard cubic feet (MMscf/year)	189,823	244,167	247,229	
2.4	Fugitive Methane Emissions Rate (Percent MMscf of Methane Emissions per MMscf of Methane Throughput)	0%	0%	0.10%	
Natural Gas Transmission and Storage					
1	Onshore Natural Gas Transmission Compression Methane Emissions				Not applicable
2	Underground Natural Gas Storage Methane Emissions				Not applicable
3	Onshore Natural Gas Transmission Pipeline Blowdowns				
3.1	Transmission Pipeline Blowdown Vent Stacks (metric tons/year)	0.0	32.6	916.3	Not applicable
3.2	Transmission Pipeline Blowdown Vent Stacks (CO2e/year)	0.0	815.0	22,907.5	
3.3	Transmission Pipeline Blowdown Vent Stacks (MSCF/year)	0.0	1,697.9	47,724.0	
4	Other Non-Sub W Emissions Data				Not applicable
5	Summary and Metrics				
5.1	Total Transmission and Storage Methane Emissions (MMSCF/year)	0.0	1.7	47.7	
Natural Gas Gathering and Boosting					
					Not applicable
Human Resources					
					See Human Resources reported to EEI
Additional Metrics (Optional)					
Insert additional rows in this section as necessary.					

"Goal Applicability	Baseline Year	Target Year	Reduction Goal Description (Short)	Source (URL)
Refer to Emera's Climate Commitment as posted on our website " https://www.emera.com/sustainability/our-climate-commitment ", and in our 2022 Sustainability Report " https://emerasustainability.com/downloads/2022/Emera_2022_SR.pdf " on page 19 and 36, under our "Climate Transition Plan"				
Climate Commitment				
2022 Sustainability Report				

Notes

1. Additional information on the emissions goals listed above, including how they will be achieved, can be found in the Qualitative section.
2. Information on the type of emissions (e.g., carbon, methane, CO2e, etc.) and which scope(s) of emissions apply — based on the WRI GHG Reporting Protocol, TCR Reporting Protocol(s), or other acceptable reporting procedures — should be included in the goal description. Emissions reported in the Quantitative section are not based on a Scope 1, 2 or 3 methodology.
3. Goal Applicability refers to the entity to which the goal applies (e.g., parent company, operating company, electric or gas utility, etc.).