



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, Barbados Light and Power Company Limited, Dominica Electricity Services 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, Barbados, and Dominica
State(s) with RPS Programs: n/a
Regulatory Environment: Both (Regulated and Deregulated)
Report Date: 2022 Submission

Ref. No.	Refer to the 'EEI Definitions' tab for more information on each metric	Baseline 2005	Last Year 2020	Current Year 2021	Comments, Links, Additional Information, and Notes
Portfolio					
1	Owned Nameplate Generation Capacity at end of year (MW)		9,335	9,784	
1.1	Coal		2,157	1,711	
1.2	Natural Gas		4,956	5,752	
1.3	Nuclear		-	-	n/a
1.4	Petroleum		974	957	
1.5	Total Renewable Energy Resources			1,365	
1.5.1	Biomass/Biogas		93	93	
1.5.2	Geothermal		-	-	n/a
1.5.3	Hydroelectric		402	382	
1.5.4	Solar		604	741	
1.5.5	Wind		148	148	
1.6	Other		-	-	n/a
2	Net Generation for the data year (MWh)		33,192,401	30,590,145	
2.1	Coal		6,177,613	6,499,420	
2.2	Natural Gas		18,375,604	17,817,633	
2.3	Nuclear		-	-	n/a
2.4	Petroleum		1,283,143	3,671,092	
2.5	Total Renewable Energy Resources				
2.5.1	Biomass/Biogas		106,361	308,369	
2.5.2	Geothermal		-	-	n/a
2.5.3	Hydroelectric		766,369	793,053	
2.5.4	Solar		1,136,207	1,267,155	
2.5.5	Wind		253,445	233,422	
2.6	Other		5,093,659	3,419,892	Includes purchased power
3	Capital Expenditures and Energy Efficiency (EE)				
3.1	Total Annual Capital Expenditures (nominal dollars)		\$ 2,516,000,000	\$ 2,420,000,000	
3.2	Incremental Annual Electricity Savings from EE Measures (MWh)		131,000	187,800	
3.3	Incremental Annual Investment in Electric EE Programs (nominal dollars)		\$ 77,977,000	\$ 57,209,500	Electricity savings from EE measures include data for Emera affiliates Tampa Electric and Nova Scotia CAD dollars. Annual investment in Electric EE Measures include data for Emera affiliates Tampa Elec includes incremental fee on power rates that is allocated to EE programs.
4	Retail Electric Customer Count (at end of year)				
4.1	Commercial		157,000	129,931	
4.2	Industrial		3,800	3,907	
4.3	Residential		1,350,000	1,371,454	



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Ref. No.	Refer to the 'EEI Definitions' tab for more information on each metric	Baseline 2005	Last Year 2020	Current Year 2021	Comments, Links, Additional Information, and Notes
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)		15,303,712	15,308,000	
5.1.1.2	Total Owned Generation CO2 Emissions Intensity (MT/Net MWh)		0.461	0.500	
5.1.2	Carbon Dioxide Equivalent (CO2e)	25,017,167			
5.1.2.1	Total Owned Generation CO2e Emissions (MT)		15,371,930	15,453,000	
5.1.2.2	Total Owned Generation CO2e Emissions Intensity (MT/Net MWh)		0.463	0.505	
5.2	Purchased Power				
5.2.1	Carbon Dioxide (CO2)		NA	1,137,318	Emissions from purchased power were not previously available.
5.2.1.1	Total Purchased Generation CO2 Emissions (MT)		-	0.33	
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)		0	1,137,318	
5.2.2.2	Total Purchased Generation CO2e Emissions Intensity (MT/Net MWh)		0	0.33	
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)		15,371,930	16,590,318	
5.3.2.2	Total Owned + Purchased Generation CO2e Emissions Intensity (MT/Net MWh)		0.463	0.488	
5.4	Non-Generation CO2e Emissions of Sulfur Hexafluoride (SF6)				
5.4.1	Total CO2e emissions of SF6 (MT)		10,205	21,140	
5.4.2	Leak rate of CO2e emissions of SF6 (MT/Net MWh)		0.0003	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)		21,071	23,269	
6.2.2	Total NOx Emissions Intensity (MT/Net MWh)		0.000635	0.000761	
6.3	Sulfur Dioxide (SO2)				
6.3.1	Total SO2 Emissions (MT)		62,363	63,515	
6.3.2	Total SO2 Emissions Intensity (MT/Net MWh)		0.001879	0.002076	
6.4	Mercury (Hg)				
6.4.1	Total Hg Emissions (kg)		35.0	40.0	
6.4.2	Total Hg Emissions Intensity (kg/Net MWh)		0.000001	0.000001	



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Ref. No.	Refer to the 'EEI Definitions' tab for more information on each metric	Baseline 2005	Last Year 2020	Current Year 2021	Comments, Links, Additional Information, and Notes
Resources					
7	Human Resources				
7.1	Total Number of Employees		7,100	7,100	
7.2	Percentage of Women in Total Workforce		30	30	
7.3	Percentage of Minorities in Total Workforce		23	25	
7.4	Total Number on Board of Directors/Trustees		11	11	
7.5	Percentage of Women on Board of Directors/Trustees		36	36	
7.6	Percentage of Minorities on Board of Directors/Trustees		0	-	Defined as indigenous, a member of a visible minority, or as having a disability or other diverse characteristics apart from gender. We began gathering anonymous, voluntary self-identification data from our Board of Directors in February 2022. Two board members have indicated they identify as diverse. See pp. 39–40 on Board Diversity, in Emera's 2022 Management Information Circular, for more information.
7.7	Employee Safety Metrics				
7.7.1	Recordable Incident Rate		0.81	1.06	
7.7.2	Lost-time Case Rate		0.28	0.36	
7.7.3	Days Away, Restricted, and Transfer (DART) Rate		26.35	27.95	
7.7.4	Work-related Fatalities		1	0	
8	Fresh Water Resources used in Thermal Power Generation Activities				
8.1	Water Withdrawals - Consumptive (Millions of Gallons)		2,793	2,806	
8.2	Water Withdrawals - Non-Consumptive (Millions of Gallons)		98.54	159.30	
8.3	Water Withdrawals - Consumptive Rate (Millions of Gallons/Net MWh)		0.00008	0.00009	
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		69	40	Emera companies are focused on reducing waste at its source and minimizing the amount on non-hazardous waste metrics. In 2021, Emera companies disposed of approximately 40 tonnes of solid hazardous waste and 948, 81 litres of liquid PCB waste.
9.2	Percent of Coal Combustion Products Beneficially Used		17%	25%	In 2021, Emera companies produced a total of 549,530 metric tonnes of coal ash, of which approxi-



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Operating Company(s):
Business Type(s):
State(s) of Operation:
Regulatory Environment:
Report Date:

Emera Inc.
Peoples Gas System, New Mexico Gas
Wholly owned subsidiaries of Emera Inc.
Florida, New Mexico
Regulated
2022 Submission

Gas Company ESG/Sustainability Quantitative Information

Ref. No.	Refer to the "Definitions" column for more information on each metric.	Baseline 2011	Last Year 2020	Current Year 2021	Definitions	
Natural Gas Distribution						
1	METHANE EMISSIONS AND MITIGATION FROM DISTRIBUTION MAINS				Summary of disclosures as reported to the EPA under 40 CFR 98, Subpart W, Petroleum and Natural Gas System.	
1.1	Number of Gas Distribution Customers	829638	956469	987369		
1.2	Distribution Mains in Service					
1.2.1	Plastic (miles)	11687	15744	16121.35		
1.2.2	Cathodically Protected Steel - Bare & Coated (miles)	9203	9350.7	9327.69	These metrics should provide the number of years remaining to take out of service, replace or upgrade cathodically unprotected steel mains, and cast iron/wrought iron mains, consistent with applicable state utility commission authorizations.	
1.2.3	Unprotected Steel - Bare & Coated (miles)	376	34.9	23.23		
1.2.4	Cast Iron / Wrought Iron - without upgrades (miles)	113	6.4	2.69		
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	1	2		
1.3.2	Cast Iron / Wrought Iron (# years to complete)	10	1	2		
2	Distribution CO2e Fugitive Emissions					
2.1	CO2e Fugitive Methane Emissions from Gas Distribution Operations (metric tons)	141561	116731.3	117441.8		
2.2	CH4 Fugitive Methane Emissions from Gas Distribution Operations (metric tons)	5662.44	4669.25	4697.67		
2.2.1	CH4 Fugitive Methane Emissions from Gas Distribution Operations (MMSCF/year)	294.9188	243.1901	244.6703		
2.3	Annual Natural Gas Throughput from Gas Distribution Operations in thousands of standard cubic feet (Mscf/year)	2E+08	2.68E+08	2.57E+08		
2.3.1	Annual Methane Gas Throughput from Gas Distribution Operations in millions of standard cubic feet (MMscf/year)	189823.4	254941	244167.2		
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				Not applicable	
3.1	Transmission Pipeline Blowdown Vent Stacks (metric tons/year)	0.0	26.0	32.6		
3.2	Transmission Pipeline Blowdown Vent Stacks (CO2e/year)	0.0	650.0	815.0		
3.3	Transmission Pipeline Blowdown Vent Stacks (MSCF/year)	0.0	1,354.2	1,697.9		
4	Other Non-Sub W Emissions Data				Not applicable	
5	Summary and Metrics				Not applicable	
5.1	Total Transmission and Storage Methane Emissions (MMSCF/year)	0.0	1.4	1.7		
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/about-us/our-climate-commitment ", and in our 2021 Sustainability Report on page 16, under our "Climate Transition Plan"				

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.).