

Electric Company ESG/Sustainability Quantitative Information

Parent Company:

Fortis Inc.

Operating Company(s):

Fortis Belize, Caribbean Utilities Company, Central Hudson, FortisAlberta, FortisBC, FortisOntario, FortisTCl, ITC Holdings Corp., Maritime Electric, Newfoundland Power, and UNS Energy

Business Type(s):

Electric transmission, distribution, and generation

State(s) of Operation:

Canada, the United States, and Caribbean. Fortis utilities operate in the following U.S. states: Arizona, Illinois, Iowa, Kansas, Michigan, Minnesota, Missouri, New York, Oklahoma and Wisconsin

State(s) with RPS Programs:

Arizona and New York

Regulatory Environment:

Both regulated and unregulated - 99% of total assets are regulated utility assets

Report Date:

31-Jul-24

Ref. No.		Last Year 2022	Current Year 2023	Comments, Links, Additional Information, and Notes
Portfolio				
1	Owned Nameplate Generation Capacity at end of year (MW)	4,159	4,243	Owned generation capacity provided as nominal capacity rather than nameplate capacity, for consistency with financial and sustainability reporting.
1.1	Coal	903	903	
1.2	Natural Gas	2,133	2,213	
1.3	Nuclear			
1.4	Petroleum	408	410	
1.5	Total Renewable Energy Resources	715	717	
1.5.1	Biomass/Biogas			
1.5.2	Geothermal			
1.5.3	Hydroelectric	395	396	
1.5.4	Solar	70	71	
1.5.5	Wind	250	250	
1.6	Other			
2.i	Owned Net Generation for the data year (MWh)	15,969,000	15,693,000	
2.1.i	Coal	4,665,000	3,727,000	
2.2.i	Natural Gas	7,191,000	8,060,000	
2.3.i	Nuclear			
2.4.i	Petroleum	979,000	1,070,000	
2.5.i	Total Renewable Energy Resources	3,134,000	2,836,000	
2.5.1.i	Biomass/Biogas			
2.5.2.i	Geothermal			
2.5.3.i	Hydroelectric	2,292,000	2,161,000	
2.5.4.i	Solar	115,000	123,000	
2.5.5.i	Wind	727,000	552,000	
2.6.i	Other			
2.ii	Purchased Net Generation for the data year (MWh)	20,023,000	20,449,000	
2.1.ii	Coal			
2.2.ii	Natural Gas			
2.3.ii	Nuclear	2,711,000	2,497,000	
2.4.ii	Petroleum			
2.5.ii	Total Renewable Energy Resources	12,811,000	13,223,000	
2.5.1.ii	Biomass/Biogas	169,000	163,000	
2.5.2.ii	Geothermal	46,000	51,000	
2.5.3.ii	Hydroelectric	9,865,000	10,229,000	
2.5.4.ii	Solar	1,349,000	1,369,000	
2.5.5.ii	Wind	1,382,000	1,411,000	
2.6.ii	Other	4,501,000	4,729,000	

3	Capital Expenditures and Energy Efficiency (EE)		
3.1	Total Annual Capital Expenditures (nominal dollars)	CAD\$4.0B	CAD\$4.3B
3.2	Incremental Annual Electricity Savings from EE Measures (MWh)	343,000	315,000
3.3	Incremental Annual Investment in Electric EE Programs (nominal dollars)	CAD\$164,784,000	CAD\$204,345,000
4a	Retail Electric Customer Count (at end of year)	2,097,000	2,133,000
4.1	Commercial	249,543	252,000
4.2	Industrial	10,485	11,000
4.3	Residential	1,818,099	1,851,000
4b	Other Customers (wholesale)	18,873	19,000

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)	8,294,000	7,819,000
5.1.1.2	Total Owned Generation CO2 Emissions Intensity (MT/Net MWh)	0.519	0.498
5.1.2	Carbon Dioxide Equivalent (CO2e)		
5.1.2.1	Total Owned Generation CO2e Emissions (MT)	8,336,000	7,854,000
5.1.2.2	Total Owned Generation CO2e Emissions Intensity (MT/Net MWh)	0.522	0.500
5.2	Purchased Power		
5.2.1	Carbon Dioxide (CO2)		
5.2.1.1	Total Purchased Generation CO2 Emissions (MT)	2,447,000	2,224,000
5.2.1.2	Total Purchased Generation CO2 Emissions Intensity (MT/Net MWh)	0.117	0.109
5.2.2	Carbon Dioxide Equivalent (CO2e)		
5.2.2.1	Total Purchased Generation CO2e Emissions (MT)	2,453,000	2,230,000
5.2.2.2	Total Purchased Generation CO2e Emissions Intensity (MT/Net MWh)	0.118	0.109
5.3	Owned Generation + Purchased Power		
5.3.1	Carbon Dioxide (CO2)		
5.3.1.1	Total Owned + Purchased Generation CO2 Emissions (MT)	10,741,000	10,043,000
5.3.1.2	Total Owned + Purchased Generation CO2 Emissions Intensity (MT/Net MWh)	0.292	0.278
5.3.2	Carbon Dioxide Equivalent (CO2e)		
5.3.2.1	Total Owned + Purchased Generation CO2e Emissions (MT)	10,789,000	10,084,000
5.3.2.2	Total Owned + Purchased Generation CO2e Emissions Intensity (MT/Net MWh)	0.293	0.279
5.4	Non-Generation CO2e Emissions of Sulfur Hexafluoride (SF6)		
5.4.1	Total CO2e emissions of SF6 (MT)	31,000	25,000
5.4.2	Leak rate of CO2e emissions of SF6 (MT/Net MWh)	0.002	0.002
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)	17,000	17,000
6.2.2	Total NOx Emissions Intensity (MT/Net MWh)	0.001	0.001
6.3	Sulfur Dioxide (SO2)		
6.3.1	Total SO2 Emissions (MT)	4,000	4,000
6.3.2	Total SO2 Emissions Intensity (MT/Net MWh)	0.0003	0.0003
6.4	Mercury (Hg)		
6.4.1	Total Hg Emissions (kg)	6	9
6.4.2	Total Hg Emissions Intensity (kg/Net MWh)	0.0000004	0.0000006

Resources				
7	Human Resources			
7.1	Total Number of Employees	9,200	9,600	
7.2	Percentage of Women in Total Workforce	32%	32%	
7.3	Percentage of Minorities in Total Workforce	29%	32%	2022 data based on U.S. utilities only. 2023 data is based on a self-identification survey completed across the company.
7.4	Total Number on Board of Directors/Trustees	13	12	
7.5	Percentage of Women on Board of Directors/Trustees	54%	58%	
7.6	Percentage of Minorities on Board of Directors/Trustees	16%	17%	
7.7	Employee Safety Metrics			
7.7.1	Recordable Incident Rate	1.05	1.22	
7.7.2	Lost-time Case Rate	0.50	0.45	
7.7.3	Days Away, Restricted, and Transfer (DART) Rate	0.70	0.73	
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)	4,800	4,900	
8.2	Water Withdrawals - Non-Consumptive (Millions of Gallons)	27	4	
8.3	Water Withdrawals - Consumptive Rate (Millions of Gallons/Net MWh)	0.0003	0.0003	
8.4	Water Withdrawals - Non-Consumptive Rate (Millions of Gallons/Net MWh)	0.0000	0.0000	
9	Waste Products			
9.1	Amount of Hazardous Waste Manifested for Disposal (Metric Tons)	390	490	
9.2	Percent of Coal Combustion Products Beneficially Used	1%	2%	