



Electric Company ESG/Sustainability Quantitative Information

Parent Company: Fortis Inc.
Operating Company(s): Central Hudson Gas and Electric Corporation
Business Type(s): Transmission and Distribution
State(s) of Operation: New York
State(s) with RPS Programs: New York
Regulatory Environment: Both regulated and deregulated
Report Date: January 1, 2021 - December 31, 2021

Ref. No.	Refer to the 'EEI Definitions' tab for more information on each metric	Baseline 2016	Last Year 2020	Current Year 2021	Comments, Links, Additional Information, and Notes
Portfolio					
1	Owned Nameplate Generation Capacity at end of year (MW)				
1.1	Coal				
1.2	Natural Gas	21	21	21	
1.3	Nuclear				
1.4	Petroleum	22	22	22	
1.5	Total Renewable Energy Resources				
1.5.1	Biomass/Biogas				
1.5.2	Geothermal				
1.5.3	Hydroelectric	22	22	22	
1.5.4	Solar				
1.5.5	Wind				
1.6	Other				
2.i	Owned Net Generation for the data year (MWh)				
2.1.i	Coal				
2.2.i	Natural Gas	505	288	790	
2.3.i	Nuclear				
2.4.i	Petroleum	60	85	1,047	
2.5.i	Total Renewable Energy Resources				
2.5.1.i	Biomass/Biogas				
2.5.2.i	Geothermal				
2.5.3.i	Hydroelectric	41,393	68,000	81,900	
2.5.4.i	Solar				
2.5.5.i	Wind				
2.6.i	Other				
2.ii	Purchased Net Generation for the data year (MWh)	5,111,000	4,969,000	5,000,000	Central Hudson Gas and Electric participates in a de-regulated electricity market. Electricity is generated and sold into a wholesale market where retail energy suppliers purchased the electricity and sells it to customers. The number reported for Central Hudson is the Electricity Sales to Customers for each respective year.
2.1.ii	Coal				
2.2.ii	Natural Gas				
2.3.ii	Nuclear				
2.4.ii	Petroleum				
2.5.ii	Total Renewable Energy Resources				
2.5.1.ii	Biomass/Biogas				
2.5.2.ii	Geothermal				
2.5.3.ii	Hydroelectric				
2.5.4.ii	Solar				
2.5.5.ii	Wind				
2.6.ii	Other				
3	Capital Expenditures and Energy Efficiency (EE)				
3.1	Total Annual Capital Expenditures (nominal dollars)	\$175,950,138	\$ 254,354,144	\$ 231,582,133	
3.2	Incremental Annual Electricity Savings from EE Measures (MWh)	51,276	81,714	74,030	Note: the figures do not include the New York State Clean Heat Program
3.3	Incremental Annual Investment in Electric EE Programs (nominal dollars)	\$6,472,380	\$ 10,190,637	\$ 7,500,000	
4	Retail Electric Customer Count (at end of year)				
4.1	Commercial	46,470	47,354	44,343	
4.2	Industrial	1,049	1,008	916	
4.3	Residential	266,061	263,422	261,138	



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Emissions					
5	GHG Emissions: Carbon Dioxide (CO2) and Carbon Dioxide Equivalent (CO2e) Note: The alternatives available below are intended to provide flexibility in reporting GHG emissions, and should be used to the extent appropriate for each company.				
5.1	Owned Generation (1) (2) (3)				
5.1.1	Carbon Dioxide (CO2)				
5.1.1.1	Total Owned Generation CO2 Emissions (MT)	493	445	852	Includes facilities not subject to GHG Reporting (emissions below reporting threshold)
5.1.1.2	Total Owned Generation CO2 Emissions Intensity (MT/Net MWh)	0.012	0.007	0.010	
5.1.2	Carbon Dioxide Equivalent (CO2e)				
5.1.2.1	Total Owned Generation CO2e Emissions (MT)	825	445	854	Includes facilities not subject to GHG Reporting (emissions below reporting threshold)
5.1.2.2	Total Owned Generation CO2e Emissions Intensity (MT/Net MWh)	0.020	0.007	0.010	
5.2	Purchased Power (4)				
5.2.1	Carbon Dioxide (CO2)				
5.2.1.1	Total Purchased Generation CO2 Emissions (MT)	683,207	523,581	529,569	Purchased power emissions factor taken from EPA eGRID, NPCC Region (2020)
5.2.1.2	Total Purchased Generation CO2 Emissions Intensity (MT/Net MWh)	0.134	0.105	0.106	
5.2.2	Carbon Dioxide Equivalent (CO2e)				
5.2.2.1	Total Purchased Generation CO2e Emissions (MT)	686,086	525,882	531,829	Purchased power emissions factor taken from EPA eGRID, NPCC Region (2020)
5.2.2.2	Total Purchased Generation CO2e Emissions Intensity (MT/Net MWh)	0.134	0.106	0.106	
5.3	Owned Generation + Purchased Power				
5.3.1	Carbon Dioxide (CO2)				
5.3.1.1	Total Owned + Purchased Generation CO2 Emissions (MT)	683,700	524,026	530,421	Purchased power emissions factor taken from EPA eGRID, NPCC Region (2020)
5.3.1.2	Total Owned + Purchased Generation CO2 Emissions Intensity (MT/Net MWh)	0.134	0.105	0.106	
5.3.2	Carbon Dioxide Equivalent (CO2e)				
5.3.2.1	Total Owned + Purchased Generation CO2e Emissions (MT)	686,911	526,327	532,683	
5.3.2.2	Total Owned + Purchased Generation CO2e Emissions Intensity (MT/Net MWh)	0.134	0.106	0.107	
5.4	Non-Generation CO2e Emissions of Sulfur Hexafluoride (SF6) (5)				
5.4.1	Total CO2e emissions of SF6 (lbs)	3,019	3,910	2,193	
5.4.2	Leak rate of CO2e emissions of SF6 (lbs/Net MWh)	0.001	0.001	0.0004	Purchased power emissions factor taken from EPA eGRID, NPCC Region (2020)
6	Nitrogen Oxide (NOx), Sulfur Dioxide (SO2), Mercury (Hg)				
6.1	Generation basis for calculation (6)	Total			
6.2	Nitrogen Oxide (NOx)				
6.2.1	Total NOx Emissions (MT)	6.3	2.9	5.7	
6.2.2	Total NOx Emissions Intensity (MT/Net MWh)	0.000001	0.000001	0.000001	Purchased power emissions factor taken from EPA eGRID, NPCC Region (2020)
6.3	Sulfur Dioxide (SO2)				
6.3.1	Total SO2 Emissions (MT)				
6.3.2	Total SO2 Emissions Intensity (MT/Net MWh)				
6.4	Mercury (Hg)				
6.4.1	Total Hg Emissions (kg)				
6.4.2	Total Hg Emissions Intensity (kg/Net MWh)				

Use the data organizer on the left (i.e., the plus/minus symbol) to open/close the Emissions section notes



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Resources					
7	Human Resources				
7.1	Total Number of Employees	1,004	1,060	1,071	
7.2	Percentage of Women in Total Workforce	33.3%	32.6%	31.5%	
7.3	Percentage of Minorities in Total Workforce	13.0%	13.7%	14.4%	
7.4	Total Number on Board of Directors/Trustees	11	11	11	
7.5	Percentage of Women on Board of Directors/Trustees	36.4%	36.4%	36.4%	
7.6	Percentage of Minorities on Board of Directors/Trustees	9.1%	9.1%	9.1%	
7.7	Employee Safety Metrics				
7.7.1	Recordable Incident Rate	4.05	2.41	1.6	
7.7.2	Lost-time Case Rate	0.60	0.26	0.45	
7.7.3	Days Away, Restricted, and Transfer (DART) Rate	1.12	0.78	0.53	
7.7.4	Work-related Fatalities	0	0	0	
8	Fresh Water Resources used in Thermal Power Generation Activities				
8.1	Water Withdrawals - Consumptive (Millions of Gallons)	0.00	0.00	0.00	
8.2	Water Withdrawals - Non-Consumptive (Millions of Gallons)	0.00	0.00	0.00	
8.3	Water Withdrawals - Consumptive Rate (Millions of Gallons/Net MWh)	0.00	0.00	0.00	
8.4	Water Withdrawals - Non-Consumptive Rate (Millions of Gallons/Net MWh)	0.00	0.00	0.00	
9	Waste Products				
9.1	Amount of Hazardous Waste Manifested for Disposal	1.50	1.17	1.82	
9.2	Percent of Coal Combustion Products Beneficially Used	N/A	N/A	N/A	
Additional Metrics (Optional)					