



# Gas Company ESG/Sustainability Quantitative Information

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

Fortis Inc.  
 Central Hudson Gas and Electric Corporation  
*Local Distribution Company*  
 New York  
*Regulated*  
 January 1, 2022-December 31, 2022

	Baseline 2017	Last Year 2021	Current Year 2022	Comments
<b>Natural Gas Distribution</b>				
<b>1 Methane Emissions And Mitigation From Distribution Mains</b>				
1.1 Number of Gas Distribution Customers	80,000	80,000*	80,000	*Number has been revised
1.2 Distribution Mains in Service				
1.2.1 Plastic (miles)	742	847.8	869.9	
1.2.2 Cathodically Protected Steel - Bare & Coated (miles)	364	368	419.4	
1.2.3 Unprotected Steel - Bare & Coated (miles)	111	61.5	52.19	
1.2.4 Cast Iron / Wrought Iron - without upgrades (miles)	70	35.5	29.2	
1.3 Plan/Commitment to Replace / Upgrade Remaining Miles of Distribution Mains (# years to complete)	10	7	6	
1.3.1 Unprotected Steel (Bare & Coated) (# years to complete)	-	7	6	
1.3.2 Cast Iron / Wrought Iron (# years to complete)	N/A	7	6	
<b>2 Distribution CO2e Fugitive Emissions</b>				
2.1 CO2e Fugitive Methane Emissions from Gas Distribution Operations (metric tons)	24,875	17,100	12,233	
2.2 CH4 Fugitive Methane Emissions from Gas Distribution Operations (metric tons)	995	684	489.3	
2.2.1 CH4 Fugitive Methane Emissions from Gas Distribution Operations (MMSCF/year)	52	35.63	25.48	
2.3 Annual Natural Gas Throughput from Gas Distribution Operations in thousands of standard cubic feet (Mscf/year)	18,406,596	19,802,168	22,007,384	
2.3.1 Annual Methane Gas Throughput from Gas Distribution Operations in millions of standard cubic feet (MMscf/year)	17,486	18,812	20,907	
2.4 Fugitive Methane Emissions Rate (Percent MMscf of Methane Emissions per MMscf of Methane Throughput)	0.3%	0.2%	0.1%	
<b>Natural Gas Transmission and Storage</b>				
<b>1 Onshore Natural Gas Transmission Compression Methane Emissions</b>				
1.1.1 Pneumatic Device Venting (metric tons/year)	0.0	0.0	0.0	
1.1.2 Blowdown Vent Stacks (metric tons/year)	0.0	0.0	0.0	
1.1.3 Transmission Storage Tanks (metric tons/year)	0.0	0.0	0.0	
1.1.4 Flare Stack Emissions (metric tons/year)	0.0	0.0	0.0	
1.1.5 Centrifugal Compressor Venting (metric tons/year)	0.0	0.0	0.0	
1.1.6 Reciprocating Compressor Venting (metric tons/year)	0.0	0.0	0.0	
1.1.7 Equipment leaks from valves, connectors, open ended lines, pressure relief valves, and meters (metric tons/year)	0.0	0.0	0.0	
1.1.8 Other Leaks (metric tons/year)	0.0	0.0	0.0	
1.2 Total Transmission Compression Methane Emissions (metric tons/year)	0.0	0.0	0.0	
1.3 Total Transmission Compression Methane Emissions (CO2e/year)	0.0	0.0	0.0	
1.4 Total Transmission Compression Methane Emissions (MSCF/year)	0.0	0.0	0.0	
<b>2 Underground Natural Gas Storage Methane Emissions</b>				
2.1.1 Pneumatic Device Venting (metric tons/year)	0.0	0.0	0.0	
2.1.2 Flare Stack Emissions (metric tons/year)	0.0	0.0	0.0	
2.1.3 Centrifugal Compressor Venting (metric tons/year)	0.0	0.0	0.0	
2.1.4 Reciprocating Compressor Venting (metric tons/year)	0.0	0.0	0.0	
2.1.5 Equipment leaks from valves, connectors, open ended lines, pressure relief valves, and meters (metric tons/year)	0.0	0.0	0.0	
2.1.6 Other Equipment Leaks (metric tons/year)	0.0	0.0	0.0	
2.1.7 Equipment leaks from valves, connectors, open-ended lines, and pressure relief valves associated with storage wellheads (metric tons/year)	0.0	0.0	0.0	



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**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  
**Regulatory Environment:** Both regulated and deregulated  
**Report Date:** January 1, 2022-December 31, 2022

	Baseline 2017	Last Year 2021	Current Year 2022	Definitions
2.1.8 Other equipment leaks from components associated with storage wellheads (metric tons/year)	0.0	0.0	0.0	
2.2 Total Storage Compression Methane Emissions (metric tons/year)	0.0	0.0	0.0	
2.3 Total Storage Compression Methane Emissions (CO2e/year)	0.0	0.0	0.0	
2.4 Total Storage Compression Methane Emissions (MSCF/year)	0.0	0.0	0.0	
<b>3 Onshore Natural Gas Transmission Pipeline Blowdowns</b>				
3.1 Transmission Pipeline Blowdown Vent Stacks (metric tons/year)	0.0	0.0	0.0	
3.2 Transmission Pipeline Blowdown Vent Stacks (CO2e/year)	0.0	0.0	0.0	
3.3 Transmission Pipeline Blowdown Vent Stacks (MSCF/year)	0.0	0.0	0.0	
<b>4 Other Non-Sub W Emissions Data</b>				
4.1 Total Methane Emissions from additional sources not recognized by 40 CFR 98 Subpart W (metric tons/year)	0.0	0.0	0.0	
4.2 Total Methane Emissions from additional sources not recognized by 40 CFR 98 Subpart W (CO2e/year)	0.0	0.0	0.0	
4.3 Total Methane Emissions from additional sources not recognized by 40 CFR 98 Subpart W (MSCF/year)	0.0	0.0	0.0	
<b>5 Summary and Metrics</b>				
5.1 Total Transmission and Storage Methane Emissions (MMSCF/year)	0.0	0.0	0.0	
5.2 Annual Natural Gas Throughput from Gas Transmission and Storage Operations (MSCF/year)	0.0	0.0	0.0	
5.2.1 Annual Methane Gas Throughput from Gas Transmission and Storage Operations (MMSCF/year)	0.0	0.0	0.0	
5.3 Methane Emissions Intensity Metric (Percent MMscf of Methane Emissions per MMscf of Methane Throughput)	0%	0%	0%	
<b>Natural Gas Gathering and Boosting</b>				
<b>1 Methane Emissions</b>				
1.1 Gathering and Boosting Pipelines, Blow Down Volumes, and Emissions	0	0	0	
1.1.1 Total Miles of Gathering Pipeline Operated by gas utility(miles)	0	0	0	
1.1.2 Volume of Gathering Pipeline Blow Down Emissions (scf)	0	0	0	
1.1.4 Gathering Pipeline Blow-Down Emissions outside storage and compression facilities(metric tons CO2e)	0	0	0	
<b>2 CO2e Combustion Emissions For Gathering &amp; Boosting Compression</b>				
2.1 CO2e Emissions for Gathering & Boosting Compression Stations(metric tons)	0	0	0	
<b>3 Conventional Combustion Emissions From Gathering &amp; Boosting Compression</b>				
3.1 Emissions reported for all permitted sources (minor or major)				
3.1.1 NOx ( metric tons per year)	0	0	0	
3.1.2 VOC (metric tons per year)	0	0	0	
<b>Resources</b>				
<b>1 Human Resources</b>				
1.1 Total Number of Employees	1,004	1,071	1,130	Central Hudson is a combined electric and gas company with transmission and distribution operations. The number of employees is inclusive of the whole business.
1.2 Percentage of Women in Total Workforce	33%	32%	32%	
1.3 Percentage of Minorities in Total Workforce	13%	14%	17%	
1.4 Total Number on Board of Directors/Trustees	11	11	11	
1.5 Percentage of Women on Board of Directors/Trustees	36%	36%	36%	
1.6 Percentage of Minorities on Board of Directors/Trustees	9%	9%	9%	
1.7 Employee Safety Metrics				
1.7.1 Recordable Incident Rate	4.05	2.0	0.87	
1.7.2 Lost-time Case Rate	0.6	0.45	0.34	
1.7.3 Days Away, Restricted, and Transfer (DART) Rate	1.1	1	0.34	
1.7.4 Work-related Fatalities	0	0	0.00	