



Electric Company ESG/Sustainability Quantitative Information

Parent Company: CH Energy Group (a Fortis, Inc. company)
Operating Company(s): Central Hudson Gas and Electric Corporation
Business Type(s): Transmission and Distribution Only
State(s) of Operation: New York
State(s) with RPS Programs: New York
Regulatory Environment: Regulated
Report Date: 10/20/2020

Ref. No.	Refer to the 'EEI Definitions' tab for more information on each metric	Baseline 2016	Last Year 2018	Current Year 2019	Next Year 2020	Comments, Links, Additional Information, and Notes
Portfolio						
1	Owned Nameplate Generation Capacity at end of year (MW)					<i>Provide a link to charts or additional information if available</i>
1.1	Coal					
1.2	Natural Gas	21	21	21	21	
1.3	Nuclear					
1.4	Petroleum	22	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	22	
1.5.4	Solar					
1.5.5	Wind					
1.6	Other					
Use the data organizer on the left (i.e., the plus/minus symbol) to open/close the alternative generation reporting options						
2.i	Owned Net Generation for the data year (MWh)					
2.1.i	Coal					
2.2.i	Natural Gas	505	591	798		
2.3.i	Nuclear					
2.4.i	Petroleum	60	265	141		
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	94,134	79,848		
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	5,118,000	4,883,152		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	Investing in the Future: Capital Expenditures, Energy Efficiency (EE), and Smart Meters					
3.1	Total Annual Capital Expenditures (nominal dollars)	\$175,950,138	\$ 196,381,390	\$ 245,500,000		
3.2	Incremental Annual Electricity Savings from EE Measures (MWh)	51,276	81,964	79,221		*Note: Reflects Maximum Energy Efficiency EAM target in gross MWh, based on Appendix W of Current Central Hudson Rate Order
3.3	Incremental Annual Investment in Electric EE Programs (nominal dollars)	\$6,472,380	\$ 8,773,428	\$ 9,155,639		**Note: Reflects Electric Energy Efficiency rate allowance for Rate Year 3
3.4	Percent of Total Electric Customers with Smart Meters (at end of year)	0.02%	0.18%	0.25%		



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4	Retail Electric Customer Count (at end of year)					
4.1	Commercial	46,470	46,656	47,126		
4.2	Industrial	1,049	1,041	1,041		
4.3	Residential	266,061	259,328	261,096		

Emissions

5	GHG Emissions: Carbon Dioxide (CO2) and Carbon Dioxide Equivalent (CO2e)					
5.1	Owned Generation (1) (2) (3)					
5.1.1	Carbon Dioxide (CO2)					
5.1.1.1	Total Owned Generation CO2 Emissions (MT)	493	802	750		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	0.008	0.009		
5.1.2	Carbon Dioxide Equivalent (CO2e)					
5.1.2.1	Total Owned Generation CO2e Emissions (MT)	825	804	751		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	0.008	0.009		
5.2	Purchased Power (4)					
5.2.1	Carbon Dioxide (CO2)					
5.2.1.1	Total Purchased Generation CO2 Emissions (MT)	683,207	684,141	652,748		Purchased power emissions factor taken from EPA eGRID, NPCC Region
5.2.1.2	Total Purchased Generation CO2 Emissions Intensity (MT/Net MWh)	0.134	7.2	8.1		
5.2.2	Carbon Dioxide Equivalent (CO2e)					
5.2.2.1	Total Purchased Generation CO2e Emissions (MT)	686,086	687,436	153,118		Purchased power emissions factor taken from EPA eGRID, NPCC Region
5.2.2.2	Total Purchased Generation CO2e Emissions Intensity (MT/Net MWh)	0.134	7.2	1.9		
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	684,943	653,498		Includes facilities not subject to GHG Reporting (emissions below reporting threshold) / Purchased power emissions factor taken from EPA eGRID, NYUP (NYCC) Region
5.3.1.2	Total Owned + Purchased Generation CO2 Emissions Intensity (MT/Net MWh)	0.134	7.2	8.1		
5.3.2	Carbon Dioxide Equivalent (CO2e)					
5.3.2.1	Total Owned + Purchased Generation CO2e Emissions (MT)	686,910	688,240	153,869		Includes facilities not subject to GHG Reporting (emissions below reporting threshold) / Purchased power emissions factor taken from EPA eGRID, NYUP (NYCC) Region
5.3.2.2	Total Owned + Purchased Generation CO2e Emissions Intensity (MT/Net MWh)	0.134	7.2	1.9		
5.4	Non-Generation CO2e Emissions					
5.4.1	Fugitive CO2e emissions of sulfur hexafluoride (MT) (5)	3,019	6,626	5,820		
5.4.2	Fugitive CO2e emissions from natural gas distribution (MT) (6)	26,035	23,483	21,961		
6	Nitrogen Oxide (NOx), Sulfur Dioxide (SO2), Mercury (Hg)					
6.1	Generation basis for calculation (7)					
6.2	Nitrogen Oxide (NOx)					
6.2.1	Total NOx Emissions (MT)					
6.2.2	Total NOx Emissions Intensity (MT/Net MWh)					
6.3	Sulfur Dioxide (SO2)					
6.3.1	Total SO2 Emissions (MT)					
6.3.2	Total SO2 Emissions Intensity (MT/Net MWh)					



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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

Resources						
7	Human Resources					
7.1	Total Number of Employees	1,000	1,044	1,076		
7.2	Total Number on Board of Directors/Trustees	11	11	11		
7.3	Total Women on Board of Directors/Trustees	4	4	4		
7.4	Total Minorities on Board of Directors/Trustees	1	1	1		
7.5	Employee Safety Metrics					
7.5.1	Recordable Incident Rate	4.05	3.93	3.30		
7.5.2	Lost-time Case Rate	0.60	0.86	0.64		
7.5.3	Days Away, Restricted, and Transfer (DART) Rate	1.12	1.72	1.56		
7.5.4	Work-related Fatalities	0.00	1.00	0.00		
8	Fresh Water Resources					
8.1	Water Withdrawals - Consumptive (Billions of Liters/Net MWh)					
8.2	Water Withdrawals - Non-Consumptive (Billions of Liters/Net MWh)					
9	Waste Products					
9.1	Amount of Hazardous Waste Manifested for Disposal	1.5	2.9	45.18		
9.2	Percent of Coal Combustion Products Beneficially Used					

Additional Metrics (Optional)						
<i>Insert additional rows in this section as necessary.</i>						

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