



Electric Company ESG/Sustainability Quantitative Information

Ref. No.	Refer to the 'EEI Definitions' tab for more information on each metric	Baseline 2016	Last Year 2019	Current Year 2020	Comments, Links, Additional Information, and Notes
Portfolio					
1	Owned Nameplate Generation Capacity at end of year (MW)				
1.1	Coal		21	21	
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	10	10	10	
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	798	288	
2.3.i	Nuclear				
2.4.i	Petroleum	60	140	85	
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	79,848	68,000	
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	4,963,000	4,969,000	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	\$245,500,000	\$254,354,144	
3.2	Incremental Annual Electricity Savings from EE Measures (MWh)	51,276	79,221	81,714	
3.3	Incremental Annual Investment in Electric EE Programs (nominal dollars)	\$6,472,380	\$9,155,639	\$ 10,190,637	Note: the figures do not include the New York State Clean Heat Program
4	Retail Electric Customer Count (at end of year)				
4.1	Commercial	46,470	47,126	47,354	
4.2	Industrial	1,049	1,041	1,008	
4.3	Residential	266,061	261,096	263,422	



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Emissions					
5	GHG Emissions: Carbon Dioxide (CO2) and Carbon Dioxide Equivalent (CO2e) <i>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.</i>				
5.1	Owned Generation (1) (2) (3)				
5.1.1	Carbon Dioxide (CO2)				
5.1.1.1	Total Owned Generation CO2 Emissions (MT)	493	750	445	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	0.009	0.007	
5.1.2	Carbon Dioxide Equivalent (CO2e)				
5.1.2.1	Total Owned Generation CO2e Emissions (MT)	825	751	445	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	0.009	0.007	
5.2	Purchased Power (4)				
5.2.1	Carbon Dioxide (CO2)				
5.2.1.1	Total Purchased Generation CO2 Emissions (MT)	161,563	133,875	134,037	Purchased power emissions factor taken from EPA eGRID, NPCC Region (2019)
5.2.1.2	Total Purchased Generation CO2 Emissions Intensity (MT/Net MWh)	0.134	0.027	0.027	
5.2.2	Carbon Dioxide Equivalent (CO2e)				
5.2.2.1	Total Purchased Generation CO2e Emissions (MT)	162,273	134,463	134,626	Purchased power emissions factor taken from EPA eGRID, NPCC Region (2019)
5.2.2.2	Total Purchased Generation CO2e Emissions Intensity (MT/Net MWh)	0.032	0.027	0.027	
5.3	Owned Generation + Purchased Power				
5.3.1	Carbon Dioxide (CO2)				
5.3.1.1	Total Owned + Purchased Generation CO2 Emissions (MT)	162,056	134,625	134,482	Purchased power emissions factor taken from EPA eGRID, NPCC Region (2019)
5.3.1.2	Total Owned + Purchased Generation CO2 Emissions Intensity (MT/Net MWh)	0.032	0.027	0.027	
5.3.2	Carbon Dioxide Equivalent (CO2e)				
5.3.2.1	Total Owned + Purchased Generation CO2e Emissions (MT)	163,098	135,214	135,071	
5.3.2.2	Total Owned + Purchased Generation CO2e Emissions Intensity (MT/Net MWh)	0.032	0.027	0.027	
5.4	Non-Generation CO2e Emissions of Sulfur Hexafluoride (SF6) (5)				
5.4.1	Total CO2e emissions of SF6 (lbs)	3,019	5,820	3,910	Purchased power emissions factor taken from EPA eGRID, NPCC Region (2019)
5.4.2	Leak rate of CO2e emissions of SF6 (lbs/Net MWh)	0.001	0.001	0.001	
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	5	41	Purchased power emissions factor taken from EPA eGRID, NPCC Region (2019)
6.2.2	Total NOx Emissions Intensity (MT/Net MWh)	0.000001	0.000001	0.000008	
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	1,076	1,060	
7.2	Percentage of Women in Total Workforce	33.3%	32.9%	32.6%	
7.3	Percentage of Minorities in Total Workforce	13.0%	13.7%	13.7%	
7.4	Total Number on Board of Directors/Trustees	11	10	11	
7.5	Percentage of Women on Board of Directors/Trustees	36.4%	40%	36.4%	
7.6	Percentage of Minorities on Board of Directors/Trustees	9.1%	10%	9.1%	
7.7	Employee Safety Metrics				
7.7.1	Recordable Incident Rate	4.05	3.30	2.41	
7.7.2	Lost-time Case Rate	0.60	0.64	.26	
7.7.3	Days Away, Restricted, and Transfer (DART) Rate	1.12	1.56	.78	
7.7.4	Work-related Fatalities	0.00	0.00	0	
8	Fresh Water Resources used in Thermal Power Generation Activities				
8.1	Water Withdrawals - Consumptive (Millions of Gallons)				
8.2	Water Withdrawals - Non-Consumptive (Millions of Gallons)				
8.3	Water Withdrawals - Consumptive Rate (Millions of Gallons/Net MWh)				
8.4	Water Withdrawals - Non-Consumptive Rate (Millions of Gallons/Net MWh)				
9	Waste Products				
9.1	Amount of Hazardous Waste Manifested for Disposal	1.50	0.45	1.17	
9.2	Percent of Coal Combustion Products Beneficially Used				
Additional Metrics (Optional)					
<i>Insert additional rows in this section as necessary.</i>					