



# Electric Company ESG/Sustainability Quantitative Information

**Parent Company:** Consolidated Edison, Inc.  
**Operating Company:** Consolidated Edison Company of New York (CONED), Orange & Rockland Utilities (ORU), Con Edison Clean Energy Business (CEB), Con Edison Transmission (CT)  
**Business Type:** Energy and Utilities Holding Company  
**Source of Operations:** Primarily New York and New Jersey through its utilities' operations  
**Status:** with NYPS Programs  
**Regulatory Environment:** Both regulated and deregulated  
**Report Date:** 5/16/23

Ref. No.	Refer to the "Definitions" tab for more information on each metric	Baseline 2005	Last Year 2017	Current Year 2018	Next Year 2019	Future Year 2021	Comments, Links, Additional Information, and Notes			
<b>Portfolio</b>										
<b>1 Owned Nameplate Generation Capacity at end of year (MW)</b>										
1.1	Coal	n/a	n/a	n/a	n/a	n/a	<i>Provide a link to charts or additional information if available</i>			
1.2	Natural Gas	904	743	743	743	743	All Natural Gas Capacity Units have dual fuel capability, but predominantly operate on N. Gas. Total capacity identified in 2005 was not available at year end due to the retirement of some units.			
1.3	Nuclear	n/a	n/a	n/a	n/a	n/a	Nameplate capacity will change for 2021 due to the pending retirement of a simple cycle combustion unit.			
1.4	Petroleum	103	86	86	86	86				
1.5	Total Renewable Energy Resources									
1.5.1	Biomass/Biogas	n/a	n/a	n/a	n/a	n/a				
1.5.2	Geothermal	n/a	n/a	n/a	n/a	n/a				
1.5.3	Hydroelectric	n/a	n/a	n/a	n/a	n/a	Reflects Con Edison Clean Energy Business (CEB) portfolio			
1.5.4	Solar	0	1,007	2,220	Not disclosed	Not disclosed	Reflects Con Edison Clean Energy Business (CEB) portfolio			
1.5.5	Wind	0	291	424	Not disclosed	Not disclosed	Reflects Con Edison Clean Energy Business (CEB) portfolio			
1.6	Other									
<b>2 Net Generation for the year (Btu)</b>										
2.1	Coal	n/a	n/a	n/a	n/a	n/a				
2.2	Natural Gas	2,182,351	1,073,600	2,093,952	2,869,892	2,998,892	Net Generation was distributed based on fuel distribution ratios			
2.3	Nuclear	n/a	n/a	n/a	n/a	n/a				
2.4	Petroleum	80,129	18,361	24,607	24,938	24,908				
2.5	Total Renewable Energy Resources									
2.5.1	Biomass/Biogas	n/a	n/a	n/a	n/a	n/a				
2.5.2	Geothermal	n/a	n/a	n/a	n/a	n/a				
2.5.3	Hydroelectric	n/a	n/a	n/a	n/a	n/a	Reflects Con Edison Clean Energy Business (CEB) portfolio			
2.5.4	Solar	0	2,158,000	2,682,276	Not disclosed	Not disclosed	Reflects Con Edison Clean Energy Business (CEB) portfolio			
2.5.5	Wind	0	988,000	1,073,969	Not disclosed	Not disclosed	Reflects Con Edison Clean Energy Business (CEB) portfolio			
2.6	Other	3,925,544	3,979,096	3,834,937	3,763,532	4,034,040	Utility thermal (steam) energy produced from the CHP expressed in MWh			
<b>3 Investing in the Future: Capital Expenditures, Energy Efficiency (EE), and Smart Meters</b>										
3.1	Total Annual Capital Expenditures (nominal dollar)	\$	3,606	\$5,249	\$	3,627	\$	4,268	Reflects Con Edison Inc. as reported in the company's annual reports	
3.2	Incremental Annual Electricity Savings from EE Measures (MWh)	0	364,978	608,462	393,200	397,000	Figures presented reflect 2020. Numbers for 2020 are subject to change to comply with forthcoming commission action			
3.3	Incremental Annual Investments in Electric EE Programs (nominal dollar)	\$	108,250,709	\$	113,112,907	\$	191,500,000	\$	145,789,142	Figures presented reflect 2020. Numbers for 2020 are subject to change to comply with forthcoming commission action
3.4	Percent of Total Electric Customers with Smart Meters (at end of year)		3.4%	20%	20%	20%	20%	Reflects CCECOY only; installation of electric smart meters commenced in 2017		
4	Retail Electric Customer Count (at end of year)									
4.1	Commercial	515,734	596,125	608,128						
4.2	Industrial	0	0	0						
4.3	Residential	2,746,636	2,919,178	2,987,813						
<b>Emissions</b>										
<b>5 GHG Emissions: Carbon Dioxide (CO2) and Carbon Dioxide Equivalent (CO2e)</b>										
<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>										
<b>5.1 Owned Generation (1)(2)(3)</b>										
5.1.1	Carbon Dioxide (CO2)	1,805,914	1,898,237	1,857,028	1,780,525	1,793,107	The form should be modified to accommodate all useful energy output from CHP units. Otherwise, emissions of the total unit are distributed over a fraction of the actual total energy output.			
5.1.1.1	Total Owned Generation CO2 Emissions (MT)									
5.1.1.2	Total Owned Generation CO2 Emissions Intensity (MT/Net MWh)	0.292	0.270	0.282	0.270	0.254	Includes the useful thermal (steam) energy produced from the CHPs expressed in MWh			
5.1.2	Carbon Dioxide Equivalent (CO2e)	1,806,881	1,900,191	1,858,988	1,782,468	1,793,048				
5.1.2.1	Total Owned Generation CO2e Emissions (MT)									
5.1.2.2	Total Owned Generation CO2e Emissions Intensity (MT/Net MWh)	0.292	0.271	0.282	0.270	0.255	Includes the useful thermal (steam) energy produced from the CHPs expressed in MWh			
<b>5.2 Purchased Power (4)</b>										
5.2.1	Carbon Dioxide (CO2)	10,749,280	5,544,959	5,998,242	Not disclosed	Not disclosed				
5.2.1.1	Total Purchased Generation CO2 Emissions (MT)									
5.2.1.2	Total Purchased Generation CO2 Emissions Intensity (MT/Net MWh)	0.370	0.288	0.288	Not disclosed	Not disclosed				
5.2.2	Carbon Dioxide Equivalent (CO2e)	10,780,302	5,556,296	5,992,302	Not disclosed	Not disclosed				
5.2.2.1	Total Purchased Generation CO2e Emissions (MT)									
5.2.2.2	Total Purchased Generation CO2e Emissions Intensity (MT/Net MWh)	0.370	0.289	0.289	Not disclosed	Not disclosed				
<b>5.3 Owned Generation + Purchased Power</b>										
5.3.1	Carbon Dioxide (CO2)	12,552,094	7,443,196	7,755,270	Not disclosed	Not disclosed				
5.3.1.1	Total Owned + Purchased Generation CO2 Emissions (MT)									
5.3.1.2	Total Owned + Purchased Generation CO2 Emissions Intensity (MT/Net MWh)	0.370	0.288	0.288	Not disclosed	Not disclosed				
5.3.2	Carbon Dioxide Equivalent (CO2e)	12,554,937	7,456,487	7,760,150	Not disclosed	Not disclosed				
5.3.2.1	Total Owned + Purchased Generation CO2e Emissions (MT)									
5.3.2.2	Total Owned + Purchased Generation CO2e Emissions Intensity (MT/Net MWh)	0.370	0.289	0.289	Not disclosed	Not disclosed				
<b>5.4 Non-Generation CO2e Emissions</b>										
5.4.1	Fugitive CO2e emissions of sulfur hexafluoride (MT) (5)	1,943,293	83,147	74,743	87,307	77,565	2019 and 2021 reports were based on Company goals established in 2016.			
5.4.2	Fugitive CO2e emissions from natural gas distribution (MT) (6)	404,000	378,464	229,064	313,898	201,214				
<b>6 Nitrogen Oxide (NOx), Sulfur Dioxide (SO2), Mercury (Hg)</b>										
6.1	Generation basis for calculation (7)	Fuel								
<b>6.2 Nitrogen Oxide (NOx)</b>										
6.2.1	Total NOx Emissions (MT)	1,105	621	637	618	571				
6.2.2	Total NOx Emissions Intensity (MT/Net MWh)	0.0002	0.0001	0.0001	0.0001	0.0001				
<b>6.3 Sulfur Dioxide (SO2)</b>										
6.3.1	Total SO2 Emissions (MT)	882	68	71	65	55				
6.3.2	Total SO2 Emissions Intensity (MT/Net MWh)	0.0006	0.00001	0.00001	0.00001	0.00001				
<b>6.4 Mercury (Hg)</b>										
6.4.1	Total Hg Emissions (lb)									
6.4.2	Total Hg Emissions Intensity (lb/Net MWh)									
<b>7 Human Resources</b>										
7.1	Total Number of Employees	-	-	14,955			** These numbers reflect the number of Directors and the number that were women and minorities prior to November 16, 2017. Two additional Directors, one of whom is a woman and a minority, were elected to the Board, effective November 16, 2017. Thus, there were 12 Directors on the Board for the remainder of 2017, three of whom were women			
7.2	Total Number on Board of Directors/Trustees	11	10*	10**			** This number reflects the number of Directors on the Board as of May 31, 2018. As of January 1, 2018, the Board consisted of 12 Directors. One Director retired, effective January 18, 2018 and another retired, effective May 21, 2018.			
7.3	Total Women on Board of Directors/Trustees	3	2*	3						
7.4	Total Minorities on Board of Directors/Trustees	3	2*	3						
7.5	Employee Safety Metrics									
7.5.1	Recordable Incident Rate (CCECOY)	3.46	1.17	1.32						
7.5.2	Recordable Incident Rate (O&M)	-	-	1.09						
7.5.3	Lost Time Case Rate	Not reported	0.60	0.79						
7.5.4	Days Away, Restricted, and Transfer (DART) Rate	Not reported	0.70	0.87						
7.5.5	Work-related Fatalities	0	0	0						
<b>8 Fresh Water Resources</b>										
8.1	Water Withdrawals - Consumptive (Billions of Liters/Net MWh)	0.00	0.00	0			Consumptive water usage is negligible for electric production			
8.2	Water Withdrawals - Non-Consumptive (Billions of Liters/Net MWh)	0.00	0.00	0						
<b>9 Waste Products</b>										
9.1	Amount of Hazardous Waste Manifested for Disposal	8,346	10,600	14,726			Hazardous waste manifested off-site from Con Edison sites, field locations and the Astoria hazardous waste storage facility to an external commercial disposal facility			
9.2	Percent of Coal Combustion Products Beneficially Used	n/a	n/a	n/a						
<b>Additional Metrics (Optional)</b>										
<i>Insert additional rows in this section as necessary</i>										