



SASB STANDARDS

To simplify company-to-company comparisons, the Sustainability Accounting Standards Board (SASB) has developed industry-specific sustainability performance metrics. Consolidated Edison’s SASB metrics for electric utility and natural gas utility performance are outlined in the tables below.

Electric utilities standard

	SASB Code	Accounting Metric	2021	2021 Reference
GHG and Energy Resource Planning	IF-EU-110a.1	Gross global Scope 1 emissions	2,786,000 metric tons CO2e	2021 Sustainability Report
		Percentage covered under emissions-limiting regulations	71%	
		Percentage covered under emissions-reporting regulations	98%	
	IF-EU-110a.2	Greenhouse Gas (GHG) emissions associated with power deliveries (metric tons of carbon dioxide equivalents)	7,110,116 metric tons CO2e	2021 EEI/AGA ESG Template
	IF-EU-110a.3	Discussion of long-term and short-term strategy or plan to manage Scope 1 emissions, emissions reduction targets, and an analysis of performance against those targets	<p>We support New York’s ambitious low-carbon, clean energy goals. In 2021, we updated our Clean Energy Commitment to make it bolder and meet the moment we are in. Our commitment to the clean energy future is supported by five pillars and each pillar is comprised of various company initiatives. We are aiming for net-zero Scope 1 Emissions by 2040, by decarbonizing our steam system and other company operations and reducing our fugitive methane emissions from our natural gas delivery system to net zero by 2040. We have Methane and SF6 emissions reductions targets and have reduced Scope 1 emissions 50% since 2005. We have Board oversight of Sustainability, and Management KPIs tied to Sustainability. We are investing in renewables, energy efficiency, and electrification. Con Edison is considering strategic alternatives with respect to the Clean Energy Businesses.</p> <p>Additional Information: 2021 Sustainability Report</p>	Clean Energy Commitment 2021 Sustainability Report
	IF-EU-110a.4	Number of customers served in markets	CECONY - 3.5 million O&R - 0.3 million	2021 10-K

subject to renewable portfolio standards (RPS)

Percentage fulfillment of RPS target by market

We meet our statutory obligation each year for our RPS requirement, via a combination of renewable energy certificates (RECs) when available and alternative compliance payments (ACPs) when RECs are not available.

CECONY Total Tier 1 REC Obligation for 2021	Percent fulfillment
RECs	84.68%
ACP Payment	15.32%

O&R Total Tier 1 REC Obligation for 2021	Percent fulfillment
RECs	100%

Air Quality	IF-EU-120a.1	NOx (excluding N2O) emissions	1.16 thousands of metric tons	2021 Sustainability Report
		SOx emissions	0.03 thousands of metric tons	2021 Sustainability Report
		Particulate matter (PM10) emissions	156 metric tons	
		Lead (Pb) emissions	Not Reported	
		Mercury (Hg) emissions	Not Reported	
Water Management	IF-EU-140a.1	Total water withdrawn (CECONY Steam System)	96,218 million gallons	
		Total water consumed (CECONY Steam System)	2,817 million gallons On average, more than 65% of Steam Operations' water intake is distributed to customers as steam energy purchased for their needs.	
	IF-EU-140a.2	Number of incidents of non-compliance associated with water quantity and/or quality permits, standards, and regulations	CECONY -2 Both incidents are related to acid rain and not counted towards CECONY's KPI O&R - 1 This incident did not count towards O&R's KPI	
	IF-EU-140a.3	Description of water management risks and discussion of strategies and practices to mitigate those risk	We recognize the importance of preserving natural resources. As one of the New York City Department of Environmental Protection's largest water customers, we are obligated to our stakeholders and the environment to minimize the amount of water used to produce steam. The vast majority of Consolidated Edison Company of New York, Inc.'s (CECONY) water footprint is converted into steam, which is an integral source of cleaner, efficient energy distributed to our customers for a	2021 Sustainability Report

		<p>variety of uses such as heat, hot water, air conditioning, sterilization, and food processing.</p> <p>Our water usage has decreased by more than 20% over the past decade. This is due in part to a decrease in demand for steam and also due to several major technology upgrades that have reduced our water consumption. We continue to implement efficiency improvement initiatives and enhance our water treatment system to minimize our water footprint throughout the steam system.</p> <p>Additional Information: 2021 Sustainability Report</p>	
Coal Ash Management	IF-EU-150a.1	Amount of coal combustion residuals (CCR) generated, percentage recycled	None
	IF-EU-150a.2	Total number of coal combustion residual (CCR) impoundments, broken down by hazard potential classification and structural integrity assessment	None
Energy Affordability	IF-EU-240a.1	Average retail electric rate for residential customers (Cents/KWh)	CECONY - 27.33 O&R – 18.93
		Average retail electric rate for commercial customers (Cents/KWh)	CECONY - 23.50 O&R – 10.74
		Average retail electric rate for industrial customers (Cents/KWh)	CECONY - 18.86 O&R – 5.76
	IF-EU-240a.2	Typical monthly electric bill for residential customers for 500 kWh (USD) of electricity delivered per month	CECONY - 123.12 O&R – 113.02
		Typical monthly electric bill for residential customers for 1,000 kWh (USD) of electricity delivered per month	CECONY - 229.18 O&R – 205.50

	IF-EU-240a.3	Number of residential customer electric disconnections for non-payment, percentage reconnected within 30 days	In 2021 CECONY and O&R did not have any residential terminations for non-payment.	
	IF-EU-240a.4	Discussion of impact of external factors on customer affordability of electricity, including the economic conditions of the service territory	Customer affordability for electric is impacted by a number of external factors. Customers' bills are made up of three different types of costs—delivery, supply, and taxes and fees. Delivery costs are approved by state regulatory agencies and aren't subject to market changes. Supply costs and taxes and fees are not set by Con Edison and are collected and distributed without profit. Taxes and fees are roughly one third of customer bills. External factors that impact affordability include energy supply costs which are influenced by factors such as the weather, demand, and market trends, tax policy including property taxes which continue to increase every year, fees charged to customers to fund programs for societal benefit, and the health of regional / local economy including inflationary pressure which can increase the cost to maintain and upgrade our electric and gas distribution systems. Additionally, clean energy policies will require significant utility investment in both electric transmission and distribution infrastructure to build the grid of the future and achieve legislated goals.	
Workplace Health & Safety	IF-EU-320a.1	Total recordable incident rate (TRIR)	1.22 - CECONY 0.80 - O&R	2021 Sustainability Report
		Fatality rate	0 - CECONY 0 - O&R	2021 EEI/AGA ESG Template
		Near miss frequency rate (NMFR)	Not disclosed - CECONY and O&R track near misses, which are referred to as close calls, however we do not have a frequency rate associated with the tracking.	
End-Use Efficiency and Demand	IF-EU-420a.1	Percentage of electric utility revenues from rate structures that are decoupled	97.7% - CECONY 97.3% - O&R (Does not include RECO)	
		Percentage of electric utility revenues from rate structures that contain a lost revenue adjustment mechanism (LRAM)	No revenues are subject LRAM. New York jurisdictional revenues are subject to a 'revenue decoupling mechanism'.	

IF-EU-420a.2	Percentage of electric load served by smart grid technology	<p>At the end of 2021 there are approximately 215,000 AMI electric meters to install.</p> <table border="1" data-bbox="709 175 1136 483"> <thead> <tr> <th>REGION</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>STATEN ISLAND</td> <td>185,821</td> </tr> <tr> <td>NEW JERSEY</td> <td>72,466</td> </tr> <tr> <td>ROCKLAND</td> <td>119,326</td> </tr> <tr> <td>WESTCHESTER</td> <td>366,552</td> </tr> <tr> <td>ORANGE SULLIVAN</td> <td>116,050</td> </tr> <tr> <td>BROOKLYN</td> <td>988,194</td> </tr> <tr> <td>QUEENS</td> <td>764,210</td> </tr> <tr> <td>MANHATTAN</td> <td>738,112</td> </tr> <tr> <td>BRONX</td> <td>459,014</td> </tr> <tr> <td>TOTAL</td> <td>3,809,745</td> </tr> </tbody> </table>	REGION	Total	STATEN ISLAND	185,821	NEW JERSEY	72,466	ROCKLAND	119,326	WESTCHESTER	366,552	ORANGE SULLIVAN	116,050	BROOKLYN	988,194	QUEENS	764,210	MANHATTAN	738,112	BRONX	459,014	TOTAL	3,809,745	
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IF-EU-420a.3	Customer electricity savings from efficiency measures, by market (MWh)	613,518 – CECONY 74,795 - O&R	2021 EEI/AGA ESG Template																						
Nuclear Safety & Emergency Management	IF-EU-540a.1	Total number of nuclear power units, broken down by U.S. Nuclear Regulatory Commission (NRC) Action Matrix Column	None																						
IF-EU-540a.2	Description of efforts to manage nuclear safety and emergency preparedness	None																							
Grid Resiliency	IF-EU-550a.1	Number of incidents of non-compliance with physical and/or cybersecurity standards or regulations	<p>CECONY: Physical Security – 0 Cyber Security – 3</p> <p>O&R: Physical Security – 0 Cyber Security - 0</p>																						
IF-EU-550a.2	System average interruption duration index (SAIDI)	19.60 minutes - CECONY 102.7 minutes - O&R																							
	System average interruption frequency index (SAIFI)	0.139 - CECONY 1.144 - O&R	2021 Sustainability Report																						
	Customer average interruption duration index (CAIDI)	141 minutes - CECONY 93.9 minutes - O&R	2021 Sustainability Report																						

Activity Metrics	IF-EU-000.A	Number of residential customers served	CECONY - 2,940,729 O&R - 205,819	CECONY 2021 PSC Annual Filing – Electric pg. 261 of pdf 2021 ORU PSC Annual Final Submission pg. 174 of PDF
		Number of commercial customers served	CECONY - 589,114 O&R - 32,239	CECONY 2021 PSC Annual Filing – Electric pg. 261 of pdf 2021 ORU PSC Annual Final Submission pg. 174 of PDF
		Number of industrial customers served	CECONY - 728 O&R - 139	CECONY 2021 PSC Annual Filing – Electric pg. 261 of pdf 2021 ORU PSC Annual Final Submission pg. 174 of PDF
Activity Metrics	IF-EU-000.B	Total electricity delivered to residential and religious customers (Millions of kWh)	2021: 11,344 - CECONY 2020: 11,107 - CECONY 2021: 1,742 – O&R 2020: 1,786 - O&R	2021 10-K pg.62 (CECONY) and p. 66 (O&R)
		Total electricity delivered to commercial and industrial customers (Millions of kWh)	2021: 9,250 - CECONY 2020: 9,280 - CECONY 2021: 850 – O&R 2020: 820 - O&R	2021 10-K pg.62 (CECONY) and p. 66 (O&R)
		Total electricity delivered to retail choice customers (Millions of kWh)	2021: 21,549 - CECONY 2020: 22,000 - CECONY 2021 – 2,839 – O&R 2020: 2,621 - O&R	2021 10-K pg.62 (CECONY) and p. 66 (O&R)
		Total electricity delivered to public authority customers (Millions of kWh)	2021: 110 – O&R 2020: 107 - O&R CECONY – 0	2021 10-K pg. 66 (O&R)
		Total electricity delivered to NYPA, Municipal Agency, and other customers (Millions of kWh)	2021: 9,185 - CECONY 2020: 9,184 - CECONY O&R – 0	2021 10-K p.62 (CECONY)

IF-EU-000.C	Length of transmission and distribution lines	<p>CECONY: 37,477 miles of overhead distribution lines (60,311 km) 98,806 miles of underground distribution lines (159,005 km) 569 miles of overhead transmission circuits (916 km) 755 miles of underground transmission circuits (1,215 km)</p> <p>O&R and RECO: 3,924 pole miles of overhead distribution lines (6,315 km) 2,291 miles of underground distribution lines (3,687 km) 533 circuit miles of transmission lines (858 km)</p>	2021 10-K pg. 20, 21 & 25
IF-EU-000.D	Total electricity generated, percentage by major energy source, percentage in regulated markets (MWh)	<p>Total: 14,504,546 Natural Gas: 3,179,666 Petroleum: 2,963 Solar: 6,219,000 Wind: 1,300,000 Other: 3,802,917 - Useful thermal (steam) energy produced from the CHPs expressed in MWh</p> <p>Note: We are generally not a generator other than co-generation from the steam plants which support the CECONY steam system.</p>	2021 EEI/AGA ESG Template

Gas utilities standard

	SASB Code	Accounting Metric	2021	2021 Reference
Energy Affordability	IF-GU-240a.1	Average gas retail rate for residential customers (USD per MMBtu)	CECONY SC1 - 69.53 CECONY SC3 - 17.63 O&R – 12.67	
		Average gas retail rate for commercial customers (USD per MMBtu)	CECONY SC2 Rate I - 12.58 CECONY SC2 Rate II - 14.33 O&R – 6.04	
		Average gas retail rate for industrial customers (USD per MMBtu)	CECONY and O&R- Industrial customers share the same rates as commercial customers	
		Average gas retail rate for transportation services only (USD per MMBtu)	CECONY Residential: SC9 (A) (6): 8.82 CECONY Commercial SC9 (A)(2): 5.15 SC9(A)(4): 7.12	

		O&R Residential - 9.23 O&R Commercial - 5.44
	IF-GU-240a.2	<p>Typical monthly gas bill for residential heating for 50 MMBtu of gas delivered per year (USD)</p> <p>CECONY - 95.83 O&R - 70.62</p> <p>Typical monthly gas bill for residential heating for 100 MMBtu of gas delivered per year (USD)</p> <p>CECONY - 163.77 O&R - 121.73</p>
	IF-GU-240a.3	Number of residential customer gas disconnections for non-payment, percentage reconnected within 30 days In 2021 CECONY and O&R did not have any residential terminations for non-payment.
	IF-GU-240a.4	<p>Discussion of impact of external factors on customer affordability of gas, including the economic conditions of the service territory</p> <p>Customer affordability for gas is influenced / impacted by a number of external factors. Customers' bills are made up of three different types of costs—delivery, supply, and taxes and fees. Delivery costs are approved by state regulatory agencies and aren't subject to market changes. Supply costs and taxes and fees are not set by Con Edison and are collected and distributed without profit. Taxes and fees are roughly one third of customer bills. External factors that impact affordability include energy supply costs which are influenced by factors such as the weather, demand, and market trends, tax policy including property taxes which continue to increase every year, fees charged to customers to fund programs for societal benefit, and the health of regional / local economy including inflationary pressure which can increase the cost to maintain and upgrade our electric and gas distribution systems.</p> <p>Additional Resources: Long Range Plans Con Edison</p>
End-Use Efficiency	IF-GU-420a.1	Percentage of gas utility revenues from rate structures that are decoupled 97.9% - CECONY 98.5% - O&R
		Percentage of gas utility revenues from rate structures that contain a lost revenue adjustment mechanisms (LRAM) No revenues are subject LRAM. New York jurisdictional revenues are subject to a 'revenue decoupling mechanism'.
	IF-GU-420a.2	Customer gas savings from efficiency measures by market (MMBtu) CECONY –899,548 MMBtu O&R – 37,000 MMBtu
Integrity of Gas Delivery Infrastructure	IF-GU-540a.1	Number of reportable pipeline incidents CECONY – 1 O&R - 1
		Number of Corrective Action Orders (CAO) CECONY – 0 O&R - 0

	Number of Notices of Probable Violation (NOPV)	CECONY – 0 O&R - 0	
IF-GU-540a.2	Percentage of distribution pipeline that is cast and/or wrought iron	20.0% - CECONY 0%- O&R	2021 EEI/AGA ESG Template
	Percentage of distribution pipeline that is unprotected steel	17.9% - CECONY 5.4% - O&R	2021 EEI/AGA ESG Template
IF-GU-540a.3	Percentage of gas transmission pipelines inspected	CECONY performs leak surveys of its 42.3-mile gas transmission system three times per year, exceeding the annual survey frequency required by code. O&R performs an annual leak survey of its 1-mile gas transmission system, consistent with the industry.	
	Percentage of distribution pipelines inspected	CECONY performs monthly gas leak surveys of its 4,300-mile gas distribution system. The frequency of these surveys allows it to detect leaks in its system as they occur, so that repair can be scheduled in a timely manner. O&R performs an annual leak survey of its 1,880-mile gas distribution system.	
IF-GU-540a.4	Description of efforts to manage the integrity of gas delivery infrastructure, including risks related to safety and emissions	<p>CECONY continues to significantly invest in its main replacement program to remove cast iron and unprotected steel gas mains from its inventory. It has replaced 448 miles of such mains in the last five years. Along with other enhanced quality measures, the Company requires 100% independent inspections of all plastic joints installed to confirm quality and compliance. Furthermore, the Company has a robust and proactive damage prevention program that promotes awareness in the contractor community and uses predictive analytics for additional contractor oversight before street work is performed near our critical facilities.</p> <p>CECONY has developed first-of-its-kind natural gas detectors integrated with our advanced metering infrastructure. These detectors automatically notify the Gas Emergency Response Center of potential public safety emergencies that require immediate attention.</p> <p>In 2019, CECONY worked with Westchester County Department of Emergency Services to build a new gas leak emergency training facility for local fire departments to aid in their ability to respond to natural gas leaks effectively and safely.</p> <p>CECONY and O&R have comprehensive campaigns to educate customers and the public at large about gas safety and the urgency of reporting gas leaks. They reach customers primarily through</p>	2021 Sustainability Report

		<p>direct mailings, advertising, digital initiatives, and community events.</p> <p>Additionally, the company offers robust training programs. These programs help maintain employee skills, knowledge, and performance at the highest levels.</p>		
Activity Metrics	IF-GU-000.A	Number of gas residential customers served	CECONY – 807,524 O&R - 127,732	2021 CECONY Gas PSC Annual Report pg. 85 of pdf 2021 ORU PSC Annual Final Submission pg. 293 of pdf
		Number of gas commercial customers served	CECONY – 207,973 O&R - 8,161	2021 CECONY Gas PSC Annual Report pg. 85 of pdf 2021 ORU PSC Annual Final Submission pg. 293 of pdf
		Number of gas industrial customers served	CECONY - 18 O&R - 4,024	2021 CECONY Gas PSC Annual Report pg. 85 of pdf 2021 ORU PSC Annual Final Submission pg. 293 of pdf
	IF-GU-000.B	Amount of natural gas delivered to residential customers (Thousands of dth)	2021: 50,690 - CECONY 2020: 48,999 - CECONY	2021 10-K pg. 63 & 67
		Amount of natural gas delivered to general customers (Thousands of dth)	2021: 11,500 – O&R 2020: 9,736 - O&R	2021 10-K pg. 63 & 67
		Amount of natural gas delivered to firm transportation (Thousands of dth)	2021: 30,947 - CECONY 2020: 29,516 - CECONY	2021 10-K pg. 63 & 67
IF-GU-000.C	Length of gas transmission pipelines	2021: 2,498 – O&R 2020: 2,142 - O&R	2021 10-K pg. 63 & 67	
	Length of gas distribution pipelines	2021: 7,584 – O&R 2020: 8,271 - O&R	2021 EEI/AGA ESG Template	
		42.3 miles – CECONY 1.2 miles – O&R		
		4,408 miles - CECONY 1,874 miles – O&R		