



## SASB STANDARDS

Version 2018-10

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 & Power Generators Sustainability Accounting Standard

	SASB Code	Accounting Metric	2022	2022 Reference
<b>GHG and Energy Resource Planning</b>	IF-EU-110a.1	Gross global Scope 1 emissions	2,867,126 metric tons CO2e	
		Percentage covered under emissions-limiting regulations	68%	
		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)	9,175,030 metric tons CO2e	2022 EEI/AGA ESG Sustainability 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	We support New York’s ambitious low-carbon, clean energy goals. In 2021, we updated our <a href="#">Clean Energy Commitment</a> . 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 working towards 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 our carbon emissions by 53% (39.9 million metric tons of CO <sub>2</sub> equivalent) since 2005. As detailed in our <a href="#">Proxy</a> , we have Board oversight of Sustainability, and Management KPIs relating to climate risk, including energy efficiency, SF6 gas emissions, environmentally beneficial electrification, and solar connections (complete initial application screening and complete coordinated review for O&R). <a href="#">Our</a>	<a href="#">Clean Energy Commitment 2022 Sustainability Report</a>

[Energy Vision](#) is to take a leadership role in [helping enable the](#) delivery of a clean energy future for our customers. We will aim to do that by investing in, building, and operating reliable, resilient, and innovative energy infrastructure, advancing electrification of heating and transportation, and supporting New York State’s goals to transition away from fossil fuels to a net-zero economy by 2050.

Additional Information:  
[2022 Sustainability Report](#)

IF-EU-110a.4	Number of customers served in markets subject to renewable portfolio standards (RPS)	Consolidated Edison Company of New York, Inc. (CECONY) - 3.6 million Orange & Rockland Utilities, Inc. (O&R) - 0.3 million	<a href="#">2022 10-K</a> – pg. 14												
Percentage fulfillment of RPS target by market		<table border="1"> <thead> <tr> <th data-bbox="724 600 1018 657">CECONY Total Tier 1 REC Obligation for 2022</th> <th data-bbox="1018 600 1228 641">Percent fulfillment</th> </tr> </thead> <tbody> <tr> <td data-bbox="724 657 1018 690">RECs</td> <td data-bbox="1018 657 1228 690">27%</td> </tr> <tr> <td data-bbox="724 690 1018 722">ACP Payment</td> <td data-bbox="1018 690 1228 722">73%</td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th data-bbox="724 730 1018 787">O&amp;R Total Tier 1 REC Obligation for 2022</th> <th data-bbox="1018 730 1228 771">Percent fulfillment</th> </tr> </thead> <tbody> <tr> <td data-bbox="724 787 1018 820">RECs</td> <td data-bbox="1018 787 1228 820">97%</td> </tr> <tr> <td data-bbox="724 820 1018 852">ACP Payment</td> <td data-bbox="1018 820 1228 852">3%</td> </tr> </tbody> </table>	CECONY Total Tier 1 REC Obligation for 2022	Percent fulfillment	RECs	27%	ACP Payment	73%	O&R Total Tier 1 REC Obligation for 2022	Percent fulfillment	RECs	97%	ACP Payment	3%	
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<b>Air Quality</b>	IF-EU-120a.1	NOx (excluding N20) emissions	1.31 thousands of metric tons	<a href="#">2022 Sustainability Report</a>
		SOx emissions	0.13 thousands of metric tons	<a href="#">2022 Sustainability Report</a>
		Particulate matter (PM10) emissions	110 metric tons	
		Lead (Pb) emissions	Not Reported	
		Mercury (Hg) emissions	Not Reported	

<b>Water Management</b>	IF-EU-140a.1	Total water withdrawn (CECONY Steam System)	96,189 million gallons	
		Total water consumed (CECONY Steam System)	3,093 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	CECONY -3 All three incidents are related to acid rain and not counted towards CECONY’s KPI O&R – 0 This incident did not count towards O&R’s KPI	

		permits, standards, and regulations	
	IF-EU-140a.3	Description of water management risks and discussion of strategies and practices to mitigate those risk	<p>We recognize the importance of preserving natural resources. As one of NYCDEP’s largest water customers, we are committed to minimizing the amount of water used to produce steam. We aim to reduce our water footprint by improving the efficiency of our steam system and implementing water treatment system enhancements. As part of our policy, personnel in Steam Operations strive to utilize water efficiently and economically at all times, and management oversees the water utilization program. Currently, Steam Operations tracks water usage versus steam produced to manage overall water consumption. It is anticipated that the data will be tracked and trended on a monthly basis. We are in the process of realigning targets due to new treatment systems and operating profiles. If drought conditions impact our operations, Steam Operations has a drought emergency procedure that requires the stations to monitor water utilization and ensure compliance with any restrictions</p> <p>Our water usage has decreased by more than 10% over the past decade. This is due in part to a decrease in demand for steam and 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:  <a href="#">2022 Sustainability Report</a></p>
<b>Coal Ash Management</b>	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
<b>Energy Affordability</b>	IF-EU-240a.1	Average retail electric rate for residential customers (Cents/KWh)	CECONY – 28.76 O&R – 23.41

[2022 Sustainability Report](#)

	Average retail electric rate for commercial customers (Cents/KWh)	CECONY - 26.04 O&R – 13.09
	Average retail electric rate for industrial customers (Cents/KWh)	CECONY - 22.46 O&R – 7.79
IF-EU-240a.2	Typical monthly electric bill for residential customers for 500 kWh (USD) of electricity delivered per month	CECONY - 158.68 O&R – 125.87
	Typical monthly electric bill for residential customers for 1,000 kWh (USD) of electricity delivered per month	CECONY - 299.87 O&R – 230.86
IF-EU-240a.3	Number of residential customer electric disconnections for non-payment, percentage reconnected within 30 days	<p>In 2022 CECONY did not have any residential terminations for non-payment for Energy Affordability customers. We resumed residential terminations for non-Energy Affordability customers in October, 2022. From October 2022 through January 15, 2023, we performed 9,206 terminations, with an ~84% reconnection rate.</p> <p><i>Note: An Energy Affordable customer is a customer who is on the Energy Affordable Program known as EAP. There are 4 tiers of this program and depending on which tier the customer is on they get a discount on their monthly utility bill. The tier is determined by NYC Human Recourses Administration or Westchester Department of Social Services. All other customers who are not on the program are non-Energy Affordability customers.</i></p> <p>In 2022 O&amp;R disconnected 6,707 accounts for non-payment. 5,923 (88%) of the customers who were disconnected were reconnected.</p>
IF-EU-240a.4	Discussion of impact of external factors on customer affordability of electricity, including the economic conditions of the service territory	<p>Customer affordability of electricity 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 customers’ 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,</p>

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.

Additional Information:  
[CECONY Long Range Plans](#)

<b>Workplace Health &amp; Safety</b>	IF-EU-320a.1	Total recordable incident rate (TRIR)	1.23 - CECONY 0.53 - O&R	<a href="#">2022 Sustainability Report</a>																
		Fatality rate	0 – CECONY 0 – O&R		2022 EEI/AGA ESG Sustainability Template															
		Near miss frequency rate (NMFR)	Not reported - 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.																	
<b>End-Use Efficiency and Demand</b>	IF-EU-420a.1	Percentage of electric utility revenues from rate structures that are decoupled	97.7% - CECONY 96.8% - O&R (Does not include Rockland Electric Company in NJ)																	
		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	<table border="1"> <thead> <tr> <th>REGION</th> <th>Total AMI Meters Installed through year end 2022</th> </tr> </thead> <tbody> <tr> <td>STATEN ISLAND</td> <td>186,876</td> </tr> <tr> <td>WESTCHESTER</td> <td>371,896</td> </tr> <tr> <td>QUEENS</td> <td>810,423</td> </tr> <tr> <td>NEW JERSEY</td> <td>73,351</td> </tr> <tr> <td>MANHATTAN</td> <td>766,489</td> </tr> <tr> <td>BRONX</td> <td>485,800</td> </tr> <tr> <td>BROOKLYN</td> <td>1,030,782</td> </tr> </tbody> </table>	REGION	Total AMI Meters Installed through year end 2022	STATEN ISLAND	186,876	WESTCHESTER	371,896	QUEENS	810,423	NEW JERSEY	73,351	MANHATTAN	766,489	BRONX	485,800	BROOKLYN	1,030,782	
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		ROCKLAND	120,171	
		ORANGE SULLIVAN	117,998	
		<b>TOTAL</b>	<b>3,963,786</b>	
	IF-EU-420a.3	Customer electricity savings from efficiency measures, by market (MWh)	CECONY – 515,713 O&R – 85,097	2022 EEI/AGA ESG Sustainability Template
<b>Nuclear Safety &amp; Emergency Management</b>	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	
<b>Grid Resiliency</b>	IF-EU-550a.1	Number of incidents of non-compliance with physical and/or cybersecurity standards or regulations	Not reported	
	IF-EU-550a.2	System average interruption duration index (SAIDI)	18.27 minutes - CECONY 96.73 minutes - O&R	
		System average interruption frequency index (SAIFI) *per 1,000 Customers Served	CECONY - 133 O&R - 910	<a href="#">2022 Sustainability Report</a>
	Customer average interruption duration index (CAIDI) *per 1,000 Customers Served	CECONY – 137 minutes O&R – 106.3 minutes	<a href="#">2022 Sustainability Report</a>	
<b>Activity Metrics</b>	IF-EU-000.A	Number of residential customers served	CECONY - 3,006,324 O&R – 272,136	<a href="#">CECONY 2022 PSC Annual Filing - Electric</a> – pg. 204 of PDF– PSC 440 Residential Sales – Average Number of Customers Subtotal  <a href="#">2022 ORU PSC FERC Annual Report</a> – pg. 113 of PDF – 440 Residential –

			Average Number of Customers – total
			2022 RECO Annual NJBPU Filing – pg. 119
	Number of commercial and industrial customers served	CECONY – 583,047 O&R- - Commercial: 41,987 Industrial: 222	<a href="#">CECONY 2022 PSC Annual Filing - Electric</a> – pg. 204 – PSC 442 Commercial and Industrial Sales – Average Number of Customers  <a href="#">2022 ORU PSC FERC Annual Report</a> – pg. 113 – 442 Commercial and Industrial – Average Number of Customers
			2022 RECO Annual NJBPU Filing – pg. 119
IF-EU-000.B	Total electricity delivered to residential and religious customers (Millions of kWh)	CECONY 2022: 11,875 CECONY 2021: 11,344  O&R 2022: 1,916 O&R 2021: 1,742	<a href="#">2022 10-K</a> : CECONY – pg. 74 O&R – pg. 78
	Total electricity delivered to commercial and industrial customers (Millions of kWh)	CECONY 2022: 10,522 CECONY 2021: 9,250  O&R 2022: 944 O&R 2021: 850	<a href="#">2022 10-K</a> : CECONY – pg. 74 O&R – pg. 78
	Total electricity delivered to retail choice customers (Millions of kWh)	CECONY 2022: 21,116 CECONY 2021: 21,549  O&R 2022: 2,580 O&R 2021 – 2,839	<a href="#">2022 10-K</a> : CECONY – pg. 74 O&R – pg. 78
	Total electricity delivered to public authority customers (Millions of kWh)	O&R 2022: 113 O&R 2021: 110  CECONY – 0	<a href="#">2022 10-K</a> : CECONY – pg. 74 O&R – pg. 78

	Total electricity delivered to NYPA, Municipal Agency, and other customers (Millions of kWh)	CECONY 2022: 9,507 CECONY 2021: 9,185  O&R – 0	<a href="#">2022 10-K</a> : CECONY – pg. 74 O&R – pg. 78
IF-EU-000.C	Length of transmission and distribution lines	CECONY: 37,489 miles of overhead distribution lines (60,333 km) 98,434 miles of underground distribution lines (158,414 km) 569 miles of overhead transmission circuits (916 km) 755 miles of underground transmission circuits (1,215 km)  O&R and RECO: 3,869 pole miles of overhead distribution lines (6,227 km) 2,320 miles of underground distribution lines (3,734 km) 543 circuit miles of transmission lines (874 km)	<a href="#">2022 10-K</a> pg. 19, 20 & 24
IF-EU-000.D	Total electricity generated, percentage by major energy source, percentage in regulated markets (MWh)	Total: 14,797,795 Natural Gas: 2,986,247 Petroleum: 25,735 Solar: 6,926,000 Wind: 1,280,000 Other: 3,579,813- Useful thermal (steam) energy produced from the CHPs expressed in MWh  Note: We are generally not a generator other than co-generation from the steam plants which support the CECONY steam system.	2022 EEI/AGA ESG Sustainability Template

## Gas Utilities & Distributors Industry Standard

	SASB Code	Accounting Metric	2022	2022 References
Energy Affordability	IF-GU-240a.1	Average gas retail rate for residential customers (USD per MMBtu)	CECONY SC1 - 76.76 CECONY SC3 - 21.52  O&R – 15.04	
		Average gas retail rate for commercial customers (USD per MMBtu)	CECONY SC2 Rate I – 16.56 CECONY SC2 Rate II - 17.50  O&R – 7.91	

	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): 10.11  CECONY Commercial SC9 (A)(2): 6.00 SC9(A)(4): 8.09  O&R Residential - 9.22 O&R Commercial - 5.45
IF-GU-240a.2	Typical monthly gas bill for residential heating for 50 MMBtu of gas delivered per year (USD)	CECONY - 113.72 O&R - 86.77
	Typical monthly gas bill for residential heating for 100 MMBtu of gas delivered per year (USD)	CECONY - 197.89 O&R - 154.16
IF-GU-240a.3	Number of residential customer gas disconnections for non-payment, percentage reconnected within 30 days	In 2022 CECONY did not have any residential terminations for non-payment for Energy Affordability customers. We resumed residential terminations for non-Energy Affordability customer in October, 2022.  O&R Gas disconnections for non-payment are included in the numbers provided in IF-EU-240a.3 number of residential customer electric disconnections for non-payment.
IF-GU-240a.4	Discussion of impact of external factors on customer affordability of gas, including the economic conditions of the service territory	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. 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.		
			Additional Information: <a href="#">CECONY Long Range Plans</a>		
<b>End-Use Efficiency</b>	IF-GU-420a.1	Percentage of gas utility revenues from rate structures that are decoupled	98.0% - CECONY 99.0% - 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 –978,443 MMBtu O&R – 64,372 MMBtu		
<b>Integrity of Gas Delivery Infrastructure</b>	IF-GU-540a.1	Number of reportable pipeline incidents	Not reported		
		Number of Corrective Action Orders (CAO)	Not reported		
		Number of Notices of Probable Violation (NOPV)	Not reported		
	IF-GU-540a.2	Percentage of distribution pipeline that is cast and/or wrought iron	CECONY - 19% O&R - 0%		2022 EEI/AGA ESG Sustainability Template
		Percentage of distribution pipeline that is unprotected steel	CECONY – 16.9% O&R – 4.8%		2022 EEI/AGA ESG Sustainability 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 a semi-annual leak survey of its 1-mile gas transmission system (> 20% Specified Minimum Yield Strength), consistent with the industry.		
Percentage of distribution pipelines inspected		CECONY performs monthly gas leak surveys of its 4,350-mile gas distribution system, far in excess of the traditional annual survey performed in the industry. 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.		<a href="#">2022 Sustainability Report</a>	

IF-GU-540a.4	Description of efforts to manage the integrity of gas delivery infrastructure, including risks related to safety and emissions	<p>O&amp;R performs a leak survey of its 1,885.5 mile gas distribution system once every three years except for business district areas. Business district areas are inspected annually. An annual leak survey is performed of distribution pipelines operating at 125 psig and greater.</p>	<a href="#">2022 Sustainability Report</a>
		<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 462 miles of such mains in the last five years. Along with other enhanced quality measures, CECONY requires 100% independent inspections of all plastic joints installed to confirm quality and compliance. Furthermore, CECONY 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>The AMI project team has worked closely with Gas Operations and our AMI vendor to develop a first-of-its-kind, battery-powered natural gas detector, integrated with the smart meter AMI communications network. The natural gas detectors are a safety device that monitor the atmosphere where CECONY's gas pipes enter our customers' homes and buildings. They provide an alert when localized natural gas levels indicate a potentially dangerous leak. Through the AMI communications network, the detectors send a wireless alert to CECONY if a potential gas leak has been detected. This allows CECONY and the local fire department to respond quickly.</p>	
		<p>CECONY and O&amp;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 direct mailings, advertising, digital initiatives, and community events.</p>	

			CECONY works closely with the New York City Fire Department and the Westchester County Emergency Services to respond to emergencies quickly. Additionally, CECONY completed its isolation valve program in 2022, by installing valves and implementing a newly developed technology , emergency main stop-off stations, to allow us to isolate over 500 of our most critical customers in the case of an emergency.	
<b>Activity Metrics</b>	IF-GU-000.A	Number of gas residential customers served	CECONY - 819,764 O&R - 111,266	<a href="#">CECONY 2022 PSC Annual Filing – Gas</a> – pg. 51  <a href="#">2022 ORU PSC FERC Annual Report</a> – pg. 233
		Number of gas commercial customers served	CECONY – 174,928 O&R - 8,558	<a href="#">CECONY 2022 PSC Annual Filing – Gas</a> – pg. 51  <a href="#">2022 ORU PSC FERC Annual Report</a> – pg. 233
		Number of gas industrial customers served	CECONY - 19 O&R – 104	<a href="#">CECONY 2022 PSC Annual Filing – Gas</a> – pg. 51  <a href="#">2022 ORU PSC FERC Annual Report</a> – pg. 233
	IF-GU-000.B	Amount of natural gas delivered to residential customers	CECONY 2022: 51,580 thousands of Dt delivered (51,567,687 MMBTU delivered)  O&R 2022: 12,588 thousands of Dt delivered (12,584,995 MMBTU delivered)	<a href="#">2022 10-K</a> pg. 75 & 79
		Amount of natural gas delivered to general customers	CECONY 2022: 33,666 thousands of DT delivered (33,657,964 MMBTU delivered)  O&R 2022: 2,766 thousands of DT delivered (2,765,340 MMBTU delivered)	<a href="#">2022 10-K</a> pg. 75 & 79
		Amount of natural gas delivered to firm retail choice customers	CECONY 2022:75,172 thousands of Dt delivered (75,154,056 MMBTU delivered)  O&R 2022: 6,396 thousands of DT delivered (6,394,473 MMBTU delivered)	<a href="#">2022 10-K</a> pg. 75 & 79

IF-GU-000.C	Length of gas transmission pipelines	CECONY - 42.3 miles O&R - 1.2 miles	
	Length of gas distribution pipelines	CECONY - 4,415 miles O&R - 1,879 miles	2022 EEI/AGA ESG Sustainability Template