



Electric Company ESG/Sustainability Quantitative Information

Parent Company: Consolidated Edison, Inc.
Operating Company(s): Consolidated Edison Company of New York (CECONY), Orange & Rockland Utilities (O&R), Con Edison Clean Energy Businesses (CEBs), Con Edison Transmission (CET)
Business Type(s): Energy and Utilities Holding Company
State(s) of Operation: Primarily New York and New Jersey through its Utilities' operations
State(s) with RPS Programs:
Regulatory Environment: Both regulated and deregulated
Report Date: 7/14/2022

Ref. No.	Refer to the 'EEI Definitions' tab for more information on each metric	Baseline 2005	Last Year 2020	Current Year 2021	Next Year 2022	Future Year 2023	Comments, Links, Additional Information, and Notes
Portfolio							
1	Owned Nameplate Generation Capacity at end of year (MW)						Provide a link to charts or additional information if available
1.1	Coal	N/A	N/A	N/A	N/A	N/A	
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	
1.4	Petroleum	103	70	70	70	0	Our Compliance Plan for recent regulations impacting simple cycle combustion units indicates that nameplate capacity is expected to change at the conclusion of 2023
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	
1.5.4	Solar	0	2,395	2,676	Not disclosed	Not disclosed	Reflects Con Edison Clean Energy Businesses (CEB) portfolio; 2020 and 2021 only includes large scale renewables; 2020 Behind the Meter in Operation was 59 MW; 2021 Behind the Meter in Operation was 65 MW. - 2021 10-K pg. 28
1.5.5	Wind	0	414	320	Not disclosed	Not disclosed	Reflects Con Edison Clean Energy Businesses (CEB) portfolio; 2020 and 2021 only includes large scale renewables; 2020 Behind the Meter in Operation was 59 MW; 2021 Behind the Meter in Operation was 65 MW. - 2021 10-K pg. 28
1.6	Other	N/A	N/A	N/A	N/A	N/A	
Use the data organizer on the left (i.e., the plus/minus symbol) to open/close the alternative generation reporting options							
2	Net Generation for the data year (MWh)						
2.1	Coal	N/A	N/A	N/A	N/A	N/A	
2.2	Natural Gas	2,181,551	3,117,978	3,179,666	2,949,557	3,020,138	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	4,056	2,963	28,343	27,762	
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	
2.5.4	Solar	N/A	5,699,000	6,219,000	Not disclosed	Not disclosed	Clean Energy Businesses - Renewable Electric Generation - 2021 10-K pg. 29
2.5.5	Wind	N/A	1,425,000	1,300,000	Not disclosed	Not disclosed	Clean Energy Businesses - Renewable Electric Generation - 2021 10-K pg. 29
2.6	Other	3,925,534	3,917,674	3,802,917	3,839,900	3,948,374	Useful thermal (steam) energy produced from the CHPs expressed in MWh.
Use the data organizer on the left (i.e., the plus/minus symbol) to open/close the alternative generation reporting options							
3	Capital Expenditures and Energy Efficiency (EE)						
3.1	Total Annual Capital Expenditures (nominal dollars in millions)	N/A	\$ 4,085	\$ 3,964	\$ 4,607	\$ 5,457	Reflects Con Edison Inc. as reported in the company's quarterly presentation (2021 10-K pg. 31).
3.2	Incremental Annual Electricity Savings from EE Measures (MWh) (CECONY)	-	553,274	613,518	643,416	587,472	2020- 2021 figures are post VGS Mwh consistent with our Scorecard Filings. These savings include MWh increased usage from clean heat installs. Clean Heat MMBtu savings from oil and propane are not shown here. 2022/2023 MWh are consistent with our SEEP filing.
3.2	Incremental Annual Electricity Savings from EE Measures (MWh) (O&R)	-	59,374	74,795	78,049	79,472	RECO Programs will launch July 1, 2021. 2021 is a half year effort, while 2022 is a full calendar year effort. For 2021, O&R achieved 73,833 MWh, RECO achieved 962 MWh for a total of 74,795 MWh. For 2022 and 2023, RECO additions were as follows: 2022 = 8,045 MWh (P1 goal of 9007 MWh - 962 MWh (goal from PY1 achieved in 2021) + 5,813 MWh (1st half of P2 goal) = 13,858 MWh. 2023 RECO additions = 13,428 MWh (half of PY2 + half of PY3)
3.3	Incremental Annual Investment in Electric EE Programs (nominal dollars) (CECONY)	\$ -	\$ 141,902,963	\$ 197,067,596	\$ 252,928,689	\$ 165,448,682	2020 & 2021 \$'s are actual as reported on our scorecard. They include all Clean Heat \$'s because that program is fully funded by Electric even though savings are split. 2022 & 2023 are consistent with our SEEP filing.
3.3	Incremental Annual Investment in Electric EE Programs (nominal dollars) (O&R)	\$ -	\$ 5,672,634	\$ 8,365,298	\$ 17,996,715	\$ 19,560,744	Combination of O&R + RECO. 2021 = \$7,637,515 of O&R Expenditure + \$727,783 of RECO. 2022 = \$12,567,929 O&R Budget + \$5,428,786 RECO Budget. 2023 = \$13,012,238 O&R + \$6,548,506 RECO. NOTE: RECO operates on a July 1st - June 30th program year. To account for this, half of "2022" = half of PY1 (January - June 2022) + half of PY2 (July - December), same for 2023.
4	Retail Electric Customer Count (at end of year)						
4.1	Commercial	515,724	602,665	621,353			Reflects CECONY and O&R
4.2	Industrial	0	864	867			Reflects CECONY and O&R
4.3	Residential	2,746,636	3,145,192	3,146,548			Reflects CECONY and O&R



Electric Company ESG/Sustainability Quantitative Information

Parent Company: Consolidated Edison, Inc.
Operating Company(s): Consolidated Edison Company of New York (CECONY), Orange & Rockland Utilities (O&R), Con Edison Clean Energy Businesses (CEBs), Con Edison Transmission (CET)
Business Type(s): Energy and Utilities Holding Company
State(s) of Operation: Primarily New York and New Jersey through its Utilities' operations
State(s) with RPS Programs:
Regulatory Environment: Both regulated and deregulated
Report Date: 7/14/2022

Ref. No.	Refer to the 'EEI Definitions' tab for more information on each metric	Baseline 2005	Last Year 2020	Current Year 2021	Next Year 2022	Future Year 2023	Comments, Links, Additional Information, and Notes	
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>						Consider including carbon reduction targets in qualitative discussion	
5.1	Owned Generation (1) (2) (3)							
5.1.1	Carbon Dioxide (CO2)							
5.1.1.1	Total Owned Generation CO2 Emissions (MT)	1,805,914	1,920,951	1,929,402	1,941,072	1,941,072		
5.1.1.2	Total Owned Generation CO2 Emissions Intensity (MT/Net MWh)	0.292	0.273	0.284	0.284	0.284	If applicable, indicate the inclusion of emissions from sources <25 MW or from other sources	
5.1.2	Carbon Dioxide Equivalent (CO2e)						Includes the useful thermal (steam) energy produced from the CHPs expressed in MWh.	
5.1.2.1	Total Owned Generation CO2e Emissions (MT)	1,806,881	1,922,944	1,929,402	1,941,072	1,941,072		
5.1.2.2	Total Owned Generation CO2e Emissions Intensity (MT/Net MWh)	0.292	0.273	0.284	0.284	0.284	Includes the useful thermal (steam) energy produced from the CHPs expressed in MWh.	
5.2	Purchased Power (4)							
5.2.1	Carbon Dioxide (CO2)							
5.2.1.1	Total Purchased Generation CO2 Emissions (MT)	9,910,525	4,376,403	5,109,578	Not disclosed	Not disclosed		
5.2.1.2	Total Purchased Generation CO2 Emissions Intensity (MT/Net MWh)	0.370	0.251	0.288	Not disclosed	Not disclosed		
5.2.2	Carbon Dioxide Equivalent (CO2e)							
5.2.2.1	Total Purchased Generation CO2e Emissions (MT)	9,913,677	4,386,676	5,120,851	Not disclosed	Not disclosed		
5.2.2.2	Total Purchased Generation CO2e Emissions Intensity (MT/Net MWh)	0.370	0.252	0.288	Not disclosed	Not disclosed		
5.3	Owned Generation + Purchased Power							
5.3.1	Carbon Dioxide (CO2)							
5.3.1.1	Total Owned + Purchased Generation CO2 Emissions (MT)	11,716,438	6,297,354	7,038,981	Not disclosed	Not disclosed		
5.3.1.2	Total Owned + Purchased Generation CO2 Emissions Intensity (MT/Net MWh)	0.370	0.251	0.288	Not disclosed	Not disclosed		
5.3.2	Carbon Dioxide Equivalent (CO2e)							
5.3.2.1	Total Owned + Purchased Generation CO2e Emissions (MT)	11,720,558	6,309,620	7,050,253	Not disclosed	Not disclosed		
5.3.2.2	Total Owned + Purchased Generation CO2e Emissions Intensity (MT/Net MWh)	0.370	0.252	0.288	Not disclosed	Not disclosed		
5.4	Non-Generation CO2e Emissions of Sulfur Hexafluoride (SF6) (5)							
5.4.1	Total CO2e emissions of SF6 (MT)	1,943,791	64,746	59,863	Not disclosed	Not disclosed		
5.4.2	Leak rate of CO2e emissions of SF6 (MT/Net MWh)	0.067	0.003	0.003	Not disclosed	Not disclosed		
6	Nitrogen Oxide (NOx), Sulfur Dioxide (SO2), Mercury (Hg)							
6.1	Generation basis for calculation (6)	Fossil						
6.2	Nitrogen Oxide (NOx)							
6.2.1	Total NOx Emissions (MT)	1,165	629	671	675	675		
6.2.2	Total NOx Emissions Intensity (MT/Net MWh)	0.0002	0.0001	0.0001	0.0001	0.0001		
6.3	Sulfur Dioxide (SO2)							
6.3.1	Total SO2 Emissions (MT)	382	15	14	14	14		
6.3.2	Total SO2 Emissions Intensity (MT/Net MWh)	0.00006	0.000002	0.000002	0.000002	0.000002		
6.4	Mercury (Hg)							
6.4.1	Total Hg Emissions (kg)	N/A	N/A	N/A	N/A	N/A		
6.4.2	Total Hg Emissions Intensity (kg/Net MWh)	N/A	N/A	N/A	N/A	N/A		

Use the data organizer on the left (i.e., the plus/minus symbol) to open/close the Emissions section notes



Electric Company ESG/Sustainability Quantitative Information

Parent Company: Consolidated Edison, Inc.
Operating Company(s): Consolidated Edison Company of New York (CECONY), Orange & Rockland Utilities (O&R), Con Edison Clean Energy Businesses (CEBs), Con Edison Transmission (CET)
Business Type(s): Energy and Utilities Holding Company
State(s) of Operation: Primarily New York and New Jersey through its Utilities' operations
State(s) with RPS Programs:
Regulatory Environment: Both regulated and deregulated
Report Date: 7/14/2022

Ref. No.	Refer to the 'EEI Definitions' tab for more information on each metric	Baseline 2005	Last Year 2020	Current Year 2021	Next Year 2022	Future Year 2023	Comments, Links, Additional Information, and Notes
Resources							
7	Human Resources						
7.1	Total Number of Employees	-	14,071	13,871			Number of employees for CEI from 2021 10-K pg. 43.
7.2	Percentage of Women in Total Workforce	-	22%	22%			
7.3	Percentage of Minorities in Total Workforce	-	49%	50%			
7.4	Total Number on Board of Directors/Trustees	11	10	12			2021 Proxy Statement
7.5	Percentage of Women on Board of Directors/Trustees	18%	30%	33%			2021 Proxy Statement
7.6	Percentage of Minorities on Board of Directors/Trustees			33%			2021 Proxy Statement
7.7	Employee Safety Metrics						
7.7.1	Recordable Incident Rate (CECONY)	3.46	0.91	1.22			
7.7.1	Recordable Incident Rate (O&R)	4.94	0.82	0.80			
7.7.2	Lost-time Case Rate (CECONY)	Not reported	0.57	0.88			
7.7.2	Lost-time Case Rate (O&R)	Not reported	0.49	0.27			
7.7.3	Days Away, Restricted, and Transfer (DART) Rate (CECONY)	Not reported	0.60	0.92			
7.7.3	Days Away, Restricted, and Transfer (DART) Rate (O&R)	Not reported	0.49	0.27			
7.7.4	Work-related Fatalities (CECONY)	0.00	0.00	0.00			
7.7.4	Work-related Fatalities (O&R)	0.00	0.00	0.00			
8	Fresh Water Resources used in Thermal Power Generation Activities						
8.1	Water Withdrawals - Consumptive (Millions of Gallons)	796.00	475.00	406.00			Includes process water from useful thermal (steam) energy produced from the CHPs.
8.2	Water Withdrawals - Non-Consumptive (Millions of Gallons)	87,792.00	98,986.00	93,401.00			
8.3	Water Withdrawals - Consumptive Rate (Millions of Gallons/Net MWh)	0	0.00	0.00			Consumptive water usage rate is negligible. Includes process water from useful thermal (steam) energy produced from the CHPs.
8.4	Water Withdrawals - Non-Consumptive Rate (Millions of Gallons/Net MWh)	0.01	0.00	0.00			Non-Consumptive water usage rate is negligible.
9	Waste Products						
9.1	Amount of Hazardous Waste Manifested for Disposal (CECONY)	8,346	11,467	14,130			Hazardous waste manifested off-site from Con Edison sites, field locations and the Astoria hazardous waste storage facility to an external commercial disposal facility
9.1	Amount of Hazardous Waste Manifested for Disposal (O&R)	81	10	4			
9.2	Percent of Coal Combustion Products Beneficially Used	N/A	N/A	N/A			
Additional Metrics (Optional)							
Insert additional rows in this section as necessary.							

Definitions for Electric Company ESG/Sustainability Metrics

Ref. No.	Metric Name	Definition	Units Reported in	Time Period (if applicable)	Reference to Source (if applicable)
Portfolio					
1	Owned Nameplate Generation Capacity at end of year (MW)	Provide generation capacity data that is consistent with other external reporting by your company. The alternative default is to use the summation of the nameplate capacity of installed owned generation in the company portfolio, as reported to the U.S. Energy Information Administration (EIA) on Form 860 Generator Information . Note that data should be provided in terms of equity ownership for shared facilities. Nameplate capacity is defined as the maximum rated output of a generator, prime mover, or other electric power production equipment under specific conditions designated by the manufacturer. Installed generator nameplate capacity is commonly expressed in megawatts (MW) and is usually indicated on a nameplate physically attached to the generator.	Megawatt (MW): One million watts of electricity.	End of Year	U.S. Energy Information Administration, <i>Online Glossary</i> , https://www.eia.gov/tools/glossary/ . Form 860 instructions available at: www.eia.gov/survey/form/eia_860/instructions.pdf .
1.1	7/14/2022	Nameplate capacity of generation resources that produce electricity through the combustion of coal (a readily combustible black or brownish-black rock whose composition, including inherent moisture, consists of more than 50 percent by weight and more than 70 percent by volume of carbonaceous material. It is formed from plant remains that have been compacted, hardened, chemically altered, and metamorphosed by heat and pressure over geologic time).	MW	End of Year	U.S. Energy Information Administration, <i>Online Glossary</i> , https://www.eia.gov/tools/glossary/ .
1.2	Natural Gas	Nameplate capacity of generation resources that produce electricity through the combustion of natural gas (a gaseous mixture of hydrocarbon compounds, the primary one being methane).	MW	End of Year	U.S. Energy Information Administration, <i>Online Glossary</i> , https://www.eia.gov/tools/glossary/ .
1.3	Nuclear	Nameplate capacity of generation resources that produce electricity through the use of thermal energy released from the fission of nuclear fuel in a reactor.	MW	End of Year	U.S. Energy Information Administration, <i>Online Glossary</i> , https://www.eia.gov/tools/glossary/ .
1.4	Petroleum	Nameplate capacity of generation resources that produce electricity through the combustion of petroleum (a broadly defined class of liquid hydrocarbon mixtures. Included are crude oil, lease condensate, unfinished oils, refined products obtained from the processing of crude oil, and natural gas plant liquids).	MW	End of Year	U.S. Energy Information Administration, <i>Online Glossary</i> , https://www.eia.gov/tools/glossary/ .
1.5	Total Renewable Energy Resources	Energy resources that are naturally replenishing but flow-limited. They are virtually inexhaustible in duration but limited in the amount of energy that is available per unit of time. Renewable energy resources include biomass, hydro, geothermal, solar, wind, ocean thermal, wave action, and tidal action.	MW	End of Year	U.S. Energy Information Administration, <i>Online Glossary</i> , https://www.eia.gov/tools/glossary/ .
1.5.1	Biomass/Biogas	Nameplate capacity of generation resources that produce electricity through the combustion of biomass (an organic nonfossil material of biological origin constituting a renewable energy source).	MW	End of Year	U.S. Energy Information Administration, <i>Online Glossary</i> , https://www.eia.gov/tools/glossary/ .
1.5.2	Geothermal	Nameplate capacity of generation resources that produce electricity through the use of thermal energy released from hot water or steam extracted from geothermal reservoirs in the earth's crust.	MW	End of Year	U.S. Energy Information Administration, <i>Online Glossary</i> , https://www.eia.gov/tools/glossary/ .
1.5.3	Hydroelectric	Nameplate capacity of generation resources that produce electricity through the use of flowing water.	MW	End of Year	U.S. Energy Information Administration, <i>Online Glossary</i> , https://www.eia.gov/tools/glossary/ .
1.5.4	Solar	Nameplate capacity of generation resources that produce electricity through the use of the radiant energy of the sun, which can be converted into other forms of energy, such as heat or electricity.	MW	End of Year	U.S. Energy Information Administration, <i>Online Glossary</i> , https://www.eia.gov/tools/glossary/ .
1.5.5	Wind	Nameplate capacity of generation resources that produce electricity through the use of kinetic energy present in wind motion that can be converted to mechanical energy for driving pumps, mills, and electric power generators.	MW	End of Year	U.S. Energy Information Administration, <i>Online Glossary</i> , https://www.eia.gov/tools/glossary/ .
1.6	Other	Nameplate capacity of generation resources that are not defined above.	MW	End of Year	U.S. Energy Information Administration, <i>Online Glossary</i> , https://www.eia.gov/tools/glossary/ .
2	Net Generation for the data year (MWh)	Net generation is defined as the summation of the amount of gross generation less the electrical energy consumed at the generating station(s) for station service or auxiliaries. Data can be provided in terms of total, owned, and/or purchased, depending on how the company prefers to disseminate data in this template. Provide net generation data that is consistent with other external reporting by your company. The alternative default is to provide owned generation data as reported to EIA on Form 923 Schedule 3 and align purchased power data with the Federal Energy Regulatory Commission (FERC) Form 1 Purchased Power Schedule , Reference Pages numbers 326-327. Note: Electricity required for pumping at pumped-storage plants is regarded as electricity for station service and is deducted from gross generation.	Megawatthour (MWh): One thousand kilowatt-hours or one million watt-hours.	Annual	U.S. Energy Information Administration, <i>Online Glossary</i> , https://www.eia.gov/tools/glossary/ . Form 923 instructions available at: www.eia.gov/survey/form/eia_923/instructions.pdf .
2.1	Coal	Net electricity generated by the combustion of coal (a readily combustible black or brownish-black rock whose composition, including inherent moisture, consists of more than 50 percent by weight and more than 70 percent by volume of carbonaceous material. It is formed from plant remains that have been compacted, hardened, chemically altered, and metamorphosed by heat and pressure over geologic time).	MWh	Annual	U.S. Energy Information Administration, <i>Online Glossary</i> , https://www.eia.gov/tools/glossary/ .
2.2	Natural Gas	Net electricity generated by the combustion of natural gas (a gaseous mixture of hydrocarbon compounds, the primary one being methane).	MWh	Annual	U.S. Energy Information Administration, <i>Online Glossary</i> , https://www.eia.gov/tools/glossary/ .
2.3	Nuclear	Net electricity generated by the use of the thermal energy released from the fission of nuclear fuel in a reactor.	MWh	Annual	U.S. Energy Information Administration, <i>Online Glossary</i> , https://www.eia.gov/tools/glossary/ .
2.4	Petroleum	Net electricity generated by the combustion of petroleum (a broadly defined class of liquid hydrocarbon mixtures. Included are crude oil, lease condensate, unfinished oils, refined products obtained from the processing of crude oil, and natural gas plant liquids).	MWh	Annual	U.S. Energy Information Administration, <i>Online Glossary</i> , https://www.eia.gov/tools/glossary/ .
2.5	Total Renewable Energy Resources	Energy resources that are naturally replenishing but flow-limited. They are virtually inexhaustible in duration but limited in the amount of energy that is available per unit of time. Renewable energy resources include biomass, hydro, geothermal, solar, wind, ocean thermal, wave action, and tidal action.	MWh	Annual	U.S. Energy Information Administration, <i>Online Glossary</i> , https://www.eia.gov/tools/glossary/ .
2.5.1	Biomass/Biogas	Net electricity generated by the combustion of biomass (an organic nonfossil material of biological origin constituting a renewable energy source).	MWh	Annual	U.S. Energy Information Administration, <i>Online Glossary</i> , https://www.eia.gov/tools/glossary/ .
2.5.2	Geothermal	Net electricity generated by the use of thermal energy released from hot water or steam extracted from geothermal reservoirs in the earth's crust.	MWh	Annual	U.S. Energy Information Administration, <i>Online Glossary</i> , https://www.eia.gov/tools/glossary/ .
2.5.3	Hydroelectric	Net electricity generated by the use of flowing water.	MWh	Annual	U.S. Energy Information Administration, <i>Online Glossary</i> , https://www.eia.gov/tools/glossary/ .
2.5.4	Solar	Net electricity generated by the use of the radiant energy of the sun, which can be converted into other forms of energy, such as heat or electricity.	MWh	Annual	U.S. Energy Information Administration, <i>Online Glossary</i> , https://www.eia.gov/tools/glossary/ .
2.5.5	Wind	Net electricity generated by the use of kinetic energy present in wind motion that can be converted to mechanical energy for driving pumps, mills, and electric power generators.	MWh	Annual	U.S. Energy Information Administration, <i>Online Glossary</i> , https://www.eia.gov/tools/glossary/ .
2.6	Other	Net electricity generated by other resources that are not defined above. If applicable, this metric should also include market purchases where the generation resource is unknown.	MWh	Annual	
3	Capital Expenditures and Energy Efficiency (EE)				
3.1	Total Annual Capital Expenditures	Align annual capital expenditures with data reported in recent investor presentations or financial filings. Total capital expenditures should reflect all investments made at the company level (i.e., parent level or operating company) for which other data (e.g., number of customers, emissions, etc.) is reported. A capital expenditure is the use of funds or assumption of a liability in order to obtain physical assets that are to be used for productive purposes for at least one year. This type of expenditure is made in order to expand the productive or competitive posture of a business.	Nominal Dollars	Annual	Accounting Tools, <i>Q&A</i> , http://www.accountingtools.com/questions-and-answers/what-is-a-capital-expenditure.html
3.2	Incremental Annual Electricity Savings from EE Measures (MWh)	Incremental Annual Electricity Savings for the reporting year as reported to EIA on Form 861 . Incremental Annual Savings for the reporting year are those changes in energy use caused in the current reporting year by: (1) new participants in DSM programs that operated in the previous reporting year, and (2) participants in new DSM programs that operated for the first time in the current reporting year. A "New program" is a program for which the reporting year is the first year the program achieved savings, regardless of when program development and expenditures began.	MWh	End of Year	U.S. Energy Information Administration, <i>Form EIA-861 Annual Electric Power Industry Report Instructions</i> . Available at: www.eia.gov/survey/form/eia_861/instructions.pdf .

Definitions for Electric Company ESG/Sustainability Metrics

Ref. No.	Metric Name	Definition	Units Reported in	Time Period (if applicable)	Reference to Source (if applicable)
3.3	Incremental Annual Investment in Electric EE Programs (nominal dollars)	Total annual investment in electric energy efficiency programs as reported to EIA on Form 861 .	Nominal Dollars	End of Year	U.S. Energy Information Administration, <i>Form EIA-861 Annual Electric Power Industry Report Instructions</i> . Available at: www.eia.gov/survey/form/eia_861/instructions.pdf .
4	Retail Electric Customer Count (at end of year)	Electric customer counts should be aligned with the data provided to EIA on Form 861 - Sales to Utility Customers .			U.S. Energy Information Administration, <i>Form EIA-861 Annual Electric Power Industry Report Instructions</i> . Available at: www.eia.gov/survey/form/eia_861/instructions.pdf .
4.1	Commercial	An energy-consuming sector that consists of service-providing facilities and equipment of businesses; Federal, State, and local governments; and other private and public organizations, such as religious, social, or fraternal groups. The commercial sector includes institutional living quarters. It also includes sewage treatment facilities. Common uses of energy associated with this sector include space heating, water heating, air conditioning, lighting, refrigeration, cooking, and running a wide variety of other equipment. Note: This sector includes generators that produce electricity and/or useful thermal output primarily to support the activities of the above-mentioned commercial establishments.	Number of end-use retail customers receiving electricity (individual homes and businesses count as one).	End of Year	U.S. Energy Information Administration, <i>Online Glossary</i> , https://www.eia.gov/tools/glossary/ .
4.2	Industrial	An energy-consuming sector that consists of all facilities and equipment used for producing, processing, or assembling goods. The industrial sector encompasses the following types of activity manufacturing (NAICS codes 31-33); agriculture, forestry, fishing and hunting (NAICS code 11); mining, including oil and gas extraction (NAICS code 21); and construction (NAICS code 23). Overall energy use in this sector is largely for process heat and cooling and powering machinery, with lesser amounts used for facility heating, air conditioning, and lighting. Fossil fuels are also used as raw material inputs to manufactured products. Note: This sector includes generators that produce electricity and/or useful thermal output primarily to support the above-mentioned industrial activities. Various EIA programs differ in sectoral coverage.	Number of end-use retail customers receiving electricity (individual homes and businesses count as one).	End of Year	U.S. Energy Information Administration, <i>Online Glossary</i> , https://www.eia.gov/tools/glossary/ .
4.3	Residential	An energy-consuming sector that consists of living quarters for private households. Common uses of energy associated with this sector include space heating, water heating, air conditioning, lighting, refrigeration, cooking, and running a variety of other appliances. The residential sector excludes institutional living quarters. Note: Various EIA programs differ in sectoral coverage.	Number of end-use retail customers receiving electricity (individual homes and businesses count as one).	End of Year	U.S. Energy Information Administration, <i>Online Glossary</i> , https://www.eia.gov/tools/glossary/ .
Emissions					
5	GHG Emissions: Carbon Dioxide (CO2) and Carbon Dioxide Equivalent (CO2e)				
5.1	Owned Generation				
5.1.1	Carbon Dioxide (CO2)				
5.1.1.1	Total Owned Generation CO2 Emissions	Total direct CO2 emissions from company equity-owned fossil fuel combustion generation based on EPA's GHG Reporting Program (40 CFR, part 98, Subpart C – General Stationary Fuel Combustion and Subpart D – Electricity Production), using a continuous emission monitoring system (CEMS) or other relevant protocols.	Metric Tons	Annual	U.S. Environmental Protection Agency, <i>Greenhouse Gas Reporting Program</i> (40 CFR, part 98, Subparts C and D).
5.1.1.2	Total Owned Generation CO2 Emissions Intensity	Total direct CO2 emissions from 5.1.1.1, divided by total MWh of owned net generation reported in the Utility Portfolio section.	Metric Tons/Net MWh	Annual	
5.1.2	Carbon Dioxide Equivalent (CO2e)				
5.1.2.1	Total Owned Generation CO2e Emissions	Total direct CO2e emissions (CO2, CH4, and N2O) from company equity-owned fossil fuel combustion generation in accordance with EPA's GHG Reporting Program (40 CFR, part 98, Subpart C – General Stationary Fuel Combustion and Subpart D – Electricity Production), using a continuous emission monitoring system (CEMS) or other approved methodology.	Metric Tons	Annual	U.S. Environmental Protection Agency, <i>Greenhouse Gas Reporting Program</i> (40 CFR, part 98, Subparts C and D).
5.1.2.2	Total Owned Generation CO2e Emissions Intensity	Total direct CO2e emissions from 5.1.2.1, divided by total MWh of owned net generation reported in the Utility Portfolio section.	Metric Tons/Net MWh	Annual	
5.2	Purchased Power				
5.2.1	Carbon Dioxide (CO2)				
5.2.1.1	Total Purchased Generation CO2 Emissions	Purchased power CO2 emissions should be calculated using the most relevant and accurate of the following methods: (1) For direct purchases, such as PPAs, use the direct emissions data as reported to EPA. (2) For market purchases where emissions attributes are unknown, use applicable regional or national emissions rate: - ISO/RTO-level emission factors - Climate Registry emission factors - E-Grid emission factors	Metric Tons	Annual	
5.2.1.2	Total Purchased Generation CO2 Emissions Intensity	Total purchased power CO2 emissions from 5.2.1.1, divided by total MWh of purchased net generation reported in the Utility Portfolio section.	Metric Tons/Net MWh	Annual	
5.2.2	Carbon Dioxide Equivalent (CO2e)				
5.2.2.1	Total Purchased Generation CO2e Emissions	Purchased power CO2e emissions should be calculated using the most relevant and accurate of the following methods: (1) For direct purchases, such as PPAs, use the direct emissions data as reported to EPA. (2) For market purchases where emissions attributes are unknown, use applicable regional or national emissions rate: - ISO/RTO-level emission factors - Climate Registry emission factors - E-Grid emission factors	Metric Tons	Annual	
5.2.2.2	Total Purchased Generation CO2e Emissions Intensity	Total purchased power CO2e emissions from 5.2.2.1, divided by total MWh of purchased net generation reported in the Utility Portfolio section.	Metric Tons/Net MWh	Annual	
5.3	Owned Generation + Purchased Power				
5.3.1	Carbon Dioxide (CO2)				
5.3.1.1	Total Owned + Purchased Generation CO2 Emissions	Sum of total CO2 emissions reported under 5.1.1.1 and 5.2.1.1.	Metric Tons	Annual	
5.3.1.2	Total Owned + Purchased Generation CO2 Emissions Intensity	Total emissions from 5.3.1.1, divided by total MWh of owned and purchased net generation reported in the Utility Portfolio section.	Metric Tons/Net MWh	Annual	
5.3.2	Carbon Dioxide Equivalent (CO2e)				
5.3.2.1	Total Owned + Purchased Generation CO2e Emissions	Sum of total CO2e emissions reported under 5.1.2.1 and 5.2.2.1.	Metric Tons	Annual	
5.3.2.2	Total Owned + Purchased Generation CO2e Emissions Intensity	Total emissions from 5.3.2.1, divided by total MWh of owned and purchased net generation reported in the Utility Portfolio section.	Metric Tons/Net MWh	Annual	
5.4	Non-Generation CO2e Emissions of Sulfur Hexafluoride (SF6)				
5.4.1	Total CO2e emissions of SF6	Total CO2e emissions of SF6 in accordance with EPA's GHG Reporting Program (40 CFR Part 98, Subpart DD).	Metric Tons	Annual	U.S. Environmental Protection Agency, <i>Greenhouse Gas Reporting Program</i> (40 CFR, part 98, Subpart DD).
5.4.2	Leak rate of CO2e emissions of SF6	Leak rate of CO2e emissions of SF6 in accordance with EPA's GHG Reporting Program (40 CFR Part 98, Subpart DD).	Metric Tons/Net MWh	Annual	U.S. Environmental Protection Agency, <i>Greenhouse Gas Reporting Program</i> (40 CFR, part 98, Subpart DD).
6	Nitrogen Oxide (NOx), Sulfur Dioxide (SO2), Mercury (Hg)				
6.1	Generation basis for calculation	Indicate the generation basis for calculating SO2, NOx, and Hg emissions and intensity. Fossil: Fossil Fuel Generation Only Total: Total System Generation Other: Other (please specify in comment section)			
6.2	Nitrogen Oxide (NOx)				

Definitions for Electric Company ESG/Sustainability Metrics

Ref. No.	Metric Name	Definition	Units Reported in	Time Period (if applicable)	Reference to Source (if applicable)
6.2.1	Total NOx Emissions	Total NOx emissions from company equity-owned fossil fuel combustion generation. In accordance with EPA's Acid Rain Reporting Program (40 CFR, part 75) or regulatory equivalent.	Metric Tons	Annual	U.S. Environmental Protection Agency, <i>Acid Rain Reporting Program</i> (40 CFR, part 75).
6.2.2	Total NOx Emissions Intensity	Total from above, divided by the MWh of generation basis as indicated in 6.1.	Metric Tons/Net MWh	Annual	
6.3	Sulfur Dioxide (SO2)				
6.3.1	Total SO2 Emissions	Total SO2 emissions from company equity-owned fossil fuel combustion generation. In accordance with EPA's Acid Rain Reporting Program (40 CFR, part 75) or regulatory equivalent.	Metric Tons	Annual	U.S. Environmental Protection Agency, <i>Acid Rain Reporting Program</i> (40 CFR, part 75).
6.3.2	Total SO2 Emissions Intensity	Total from above, divided by the MWh of generation basis as indicated in 6.1.	Metric Tons/Net MWh	Annual	
6.4	Mercury (Hg)				
6.4.1	Total Hg Emissions	Total Mercury emissions from company equity-owned fossil fuel combustion generation. Preferred methods of measurement are performance-based, direct measurement as outlined in the EPA Mercury and Air Toxics Standard (MATS). In the absence of performance-based measures, report value aligned with Toxics Release Inventory (TRI) or regulatory equivalent for international operations.	Kilograms	Annual	EPRI, <i>Metrics to Benchmark Electric Power Company Sustainability Performance</i> , 2018 Technical Report.
6.4.2	Total Hg Emissions Intensity	Total from above, divided by the MWh of generation basis as indicated in 6.1.	Kilograms/Net MWh	Annual	
Resources					
7	Human Resources				
7.1	Total Number of Employees	Average number of employees over the year. To calculate the annual average number of employees: (1) Calculate the total number of employees your establishment paid for all periods. Add the number of employees your establishment paid in every pay period during the data year. Count all employees that you paid at any time during the year and include full-time, part-time, temporary, seasonal, salaried, and hourly workers. Note that pay periods could be monthly, weekly, bi-weekly, and so on. (2) Divide the total number of employees (from step 1) by the number of pay periods your establishment had in during the data year. Be sure to count any pay periods when you had no (zero) employees. (3) Round the answer you computed in step 2 to the next highest whole number.	Number of Employees	Annual	U.S. Department of Labor, Bureau of Labor Statistics, Steps to estimate annual average number of employees, www.bls.gov/respondents/lif/annualavghours.htm . EPRI, <i>Metrics to Benchmark Electric Power Company Sustainability Performance</i> , 2018 Technical Report.
7.2	Percentage of Women in Total Workforce	Percentage of women (defined as employees who identify as female) in workforce.	Percent of Employees	Annual	U.S. Equal Employment Opportunity Commission, EEO Terminology, www.archives.gov/eoo/terminology.html . EPRI, <i>Metrics to Benchmark Electric Power Company Sustainability Performance</i> , 2018 Technical Report.
7.3	Percentage of Minorities in Total Workforce	Percentage of minorities in workforce. Minority employees are defined as "the smaller part of a group. A group within a country or state that differs in race, religion or national origin from the dominant group. Minority is used to mean four particular groups who share a race, color or national origin." These groups are: "(1) American Indian or Alaskan Native. A person having origins in any of the original peoples of North America, and who maintain their culture through a tribe or community; (2) Asian or Pacific Islander. A person having origins in any of the original people of the Far East, Southeast Asia, India, or the Pacific Islands. These areas include, for example, China, India, Korea, the Philippine Islands, and Samoa; (3) Black (except Hispanic). A person having origins in any of the black racial groups of Africa; (4) Hispanic. A person of Mexican, Puerto Rican, Cuban, Central or South American, or other Spanish culture or origin, regardless of race."	Percent of Employees	Annual	U.S. Equal Employment Opportunity Commission, EEO Terminology, www.archives.gov/eoo/terminology.html . EPRI, <i>Metrics to Benchmark Electric Power Company Sustainability Performance</i> , 2018 Technical Report.
7.4	Total Number of Board of Directors/Trustees	Average number of employees on the Board of Directors/Trustees over the year.	Number of Employees	Annual	
7.5	Percentage of Women on Board of Directors/Trustees	Percentage of women (defined as employees who identify as female) on Board of Directors/Trustees.	Percent of Employees	Annual	U.S. Equal Employment Opportunity Commission, EEO Terminology, www.archives.gov/eoo/terminology.html . EPRI, <i>Metrics to Benchmark Electric Power Company Sustainability Performance</i> , 2018 Technical Report.
7.6	Percentage of Minorities on Board of Directors/Trustees	Percentage of minorities on Board of Directors/Trustees. Minority employees are defined as "the smaller part of a group. A group within a country or state that differs in race, religion or national origin from the dominant group. Minority is used to mean four particular groups who share a race, color or national origin." These groups are: "(1) American Indian or Alaskan Native. A person having origins in any of the original peoples of North America, and who maintain their culture through a tribe or community; (2) Asian or Pacific Islander. A person having origins in any of the original people of the Far East, Southeast Asia, India, or the Pacific Islands. These areas include, for example, China, India, Korea, the Philippine Islands, and Samoa; (3) Black (except Hispanic). A person having origins in any of the black racial groups of Africa; (4) Hispanic. A person of Mexican, Puerto Rican, Cuban, Central or South American, or other Spanish culture or origin, regardless of race."	Percent of Employees	Annual	U.S. Equal Employment Opportunity Commission, EEO Terminology, www.archives.gov/eoo/terminology.html . EPRI, <i>Metrics to Benchmark Electric Power Company Sustainability Performance</i> , 2018 Technical Report.
7.7	Employee Safety Metrics				
7.7.1	Recordable Incident Rate	Number of injuries or illnesses x 200,000 / Number of employee labor hours worked. Injury or illness is recordable if it results in any of the following: death, days away from work, restricted work or transfer to another job, medical treatment beyond first aid, or loss of consciousness. You must also consider a case to meet the general recording criteria if it involves a significant injury or illness diagnosed by a physician or other licensed health care professional, even if it does not result in death, days away from work, restricted work or job transfer, medical treatment beyond first aid, or loss of consciousness. Record the injuries and illnesses of all employees on your payroll, whether they are labor, executive, hourly, salary, part-time, seasonal, or migrant workers. You also must record the recordable injuries and illnesses that occur to employees who are not on your payroll if you supervise these employees on a day-to-day basis. If your business is organized as a sole proprietorship or partnership, the owner or partners are not considered employees for recordkeeping purposes. For temporary employees, you must record these injuries and illnesses if you supervise these employees on a day-to-day basis. If the contractor's employee is under the day-to-day supervision of the contractor, the contractor is responsible for recording the injury or illness. If you supervise the contractor employee's work on a day-to-day basis, you must record the injury or illness.	Percent	Annual	U.S. Department of Labor, Occupational Health and Safety Administration, OSHA Recordable Incidents. EPRI, <i>Metrics to Benchmark Electric Power Company Sustainability Performance</i> , 2018 Technical Report.
7.7.2	Lost-time Case Rate	Calculated as: Number of lost-time cases x 200,000 / Number of employee labor hours worked. Only report for employees of the company as defined for the "recordable incident rate for employees" metric. A lost-time incident is one that resulted in an employee's inability to work the next full work day.	Percent	Annual	U.S. Department of Labor, Occupational Health and Safety Administration, OSHA Recordable Incidents. EPRI, <i>Metrics to Benchmark Electric Power Company Sustainability Performance</i> , 2018 Technical Report.
7.7.3	Days Away, Restricted, and Transfer (DART) Rate	Calculated as: Total number of DART incidents x 200,000 / Number of employee labor hours worked. A DART incident is one in which there were one or more lost days or one or more restricted days, or one that resulted in an employee transferring to a different job within the company.	Percent	Annual	U.S. Department of Labor, Occupational Health and Safety Administration, OSHA Recordable Incidents. EPRI, <i>Metrics to Benchmark Electric Power Company Sustainability Performance for the Electric Power Industry</i> , 2018 Technical Report.
7.7.4	Work-related Fatalities	Total employee fatalities. Record for all employees on your payroll, whether they are labor, executive, hourly, salary, part-time, seasonal, or migrant workers. Include fatalities to those that occur to employees who are not on your payroll if you supervise these employees on a day-to-day basis. For temporary employees, report fatalities if you supervise these employees on a day-to-day basis.	Number of Employees	Annual	U.S. Department of Labor, Occupational Health and Safety Administration, OSHA Recordable Incidents. EPRI, <i>Metrics to Benchmark Electric Power Company Sustainability Performance</i> , 2018 Technical Report.
8	Fresh Water Resources used in Thermal Power Generation Activities				
8.1	Water Withdrawals - Consumptive (Millions of Gallons)	Amount of freshwater consumed for use in thermal generation. "Freshwater" includes water sourced from fresh surface water, groundwater, rain water, and fresh municipal water. Do NOT include recycled, reclaimed, or gray water. Water consumption is defined as water that is not returned to the original water source after being withdrawn, including evaporation to the atmosphere.	Millions of Gallons	Annual	Partially sourced from EPRI, <i>Metrics to Benchmark Electric Power Company Sustainability Performance</i> , 2018 Technical Report.

Definitions for Electric Company ESG/Sustainability Metrics

Ref. No.	Metric Name	Definition	Units Reported in	Time Period (if applicable)	Reference to Source (if applicable)
8.2	Water Withdrawals - Non-Consumptive (Millions of Gallons)	Amount of fresh water withdrawn, but not consumed, for use in thermal generation. "Freshwater" includes water sourced from fresh surface water, groundwater, rain water, and fresh municipal water. Do NOT include recycled, reclaimed, or gray water. Information on organizational water withdrawal may be drawn from water meters, water bills, calculations derived from other available water data or (if neither water meters nor bills or reference data exist) the organization's own estimates.	Millions of Gallons	Annual	Partially sourced from EPRI, <i>Metrics to Benchmark Electric Power Company Sustainability Performance</i> , 2018 Technical Report.
8.3	Water Withdrawals - Consumptive Rate (Millions of Gallons/Net MWh)	Rate of freshwater consumed for use in thermal generation. "Freshwater" includes water sourced from fresh surface water, groundwater, rain water, and fresh municipal water. Do NOT include recycled, reclaimed, or gray water. Water consumption is defined as water that is not returned to the original water source after being withdrawn, including evaporation to the atmosphere. Divide millions of gallons by equity-owned total net generation from all equity-owned net electric generation as reported under Metric 2, Net Generation for the data year (MWh).	Millions of Gallons/Net MWh	Annual	Partially sourced from EPRI, <i>Metrics to Benchmark Electric Power Company Sustainability Performance</i> , 2018 Technical Report.
8.4	Water Withdrawals - Non-Consumptive Rate (Millions of Gallons/Net MWh)	Rate of fresh water withdrawn, but not consumed, for use in thermal generation. "Freshwater" includes water sourced from fresh surface water, groundwater, rain water, and fresh municipal water. Do NOT include recycled, reclaimed, or gray water. Information on organizational water withdrawal may be drawn from water meters, water bills, calculations derived from other available water data or (if neither water meters nor bills or reference data exist) the organization's own estimates. Divide millions of gallons by equity-owned total net generation from all equity-owned net electric generation as reported under Metric 2, Net Generation for the data year (MWh).	Millions of Gallons/Net MWh	Annual	Partially sourced from EPRI, <i>Metrics to Benchmark Electric Power Company Sustainability Performance</i> , 2018 Technical Report.
9 Waste Products					
9.1	Amount of Hazardous Waste Manifested for Disposal	Metric tons of hazardous waste, as defined by the Resource Conservation and Recovery Act (RCRA), manifested for disposal at a Treatment Storage and Disposal (TSD) facility. Methods of disposal include disposing to landfill, surface impoundment, waste pile, and land treatment units. Hazardous wastes include either listed wastes (F, K, P and U lists) or characteristic wastes (wastes which exhibit at least one of the following characteristics - ignitability, corrosivity, reactivity, toxicity). Include hazardous waste from all company operations including generation, transmissions, distribution, and other operations.	Metric Tons	Annual	Partially sourced from EPRI, <i>Metrics to Benchmark Electric Power Company Sustainability Performance</i> , 2018 Technical Report.
9.2	Percent of Coal Combustion Products Beneficially Used	Percent of coal combustion products (CCPs) - fly ash, bottom ash, boiler slag, flue gas desulfurization materials, scrubber by-product - diverted from disposal into beneficial uses, including being sold. Include any CCP that is generated during the data year and stored for beneficial use in a future year. Only include CCP generated at company equity-owned facilities. If no weight data are available, estimate the weight using available information on waste density and volume collected, mass balances, or similar information.	Percent	Annual	Partially sourced from EPRI, <i>Metrics to Benchmark Electric Power Company Sustainability Performance</i> , 2018 Technical Report.

Goal Applicability	Baseline Year	Target Year	Reduction Goal Description (Short)	Source (URL)
CECONY and O&R	2005	2040	Decarbonize and reduce the utilization of fossil natural gas, and explore new ways to use our existing, resilient gas infrastructure to serve our customer's future needs.	Our Clean Energy Commitment Con Edison
CEI	2005	2040	Aim for net-zero emissions (Scope 1) by 2040, focusing on decarbonizing our steam system and other company operations.	Our Clean Energy Commitment Con Edison

Notes

1. Additional information on the emissions goals listed above, including how they will be achieved, can be found in the Qualitative section.
2. Information on the type of emissions (e.g., carbon, methane, CO2e, etc.) and which scope(s) of emissions apply — based on the WRI GHG Reporting Protocol, TCR Reporting Protocol(s), or other acceptable reporting procedures — should be included in the goal description. Emissions reported in the Quantitative section are not based on a Scope 1, 2 or 3 methodology.
3. Goal Applicability refers to the entity to which the goal applies (e.g., parent company, operating company, electric or gas utility, etc.).



Gas Company ESG/Sustainability Quantitative Information

Parent Company: Consolidated Edison, Inc.
 Operating Company(s): Consolidated Edison Company of New York (CECONY), Orange & Rockland Utilities (O&R), Con Edison Clean Energy Businesses (CEBs), Con Edison Transmission (CET)
 Business Type(s): Energy and Utilities Holding Company
 State(s) of Operation: Primarily New York and New Jersey through its Utilities' operations
 Regulatory Environment: Both regulated and deregulated
 Report Date: 7/14/2022

Ref. No.	Refer to the "Definitions" column for more information on each metric.	Baseline 2005	Last Year 2020	Current Year 2021	Next Year 2022	Future Year 2023	Definitions
----------	--	------------------	-------------------	----------------------	-------------------	---------------------	-------------

Natural Gas Distribution

							All methane leak sources per 98.232 (j) (1-6) are included for Distribution. Combustion sources are excluded. CO₂ is excluded.
1	METHANE EMISSIONS AND MITIGATION FROM DISTRIBUTION MAINS						
1.1	Number of Gas Distribution Customers (in millions) (CECONY)	1.1	1.1	1.1			
1.1	Number of Gas Distribution Customers (in millions) (O&R)	Unknown	0.1	0.1			
1.2	Distribution Mains in Service						These metrics should include all local distribution companies (LDCs) held by the Parent Company that are above the LDC Facility reporting threshold for EPA's 40 C.F.R. 98, Subpart W reporting rule.
1.2.1	Plastic (miles) (CECONY)	1,161	2,312	2,404	2,511	2,616	
1.2.1	Plastic (miles) (O&R)	911	1,180	1,203	1,225	1,247	
1.2.2	Cathodically Protected Steel - Bare & Coated (miles) (CECONY)	329	329	335	336	337	
1.2.2	Cathodically Protected Steel - Bare & Coated (miles) (O&R)	730	572	569	569	569	
1.2.3	Unprotected Steel - Bare & Coated (miles) (CECONY)	1,348	832	788	739	699	
1.2.3	Unprotected Steel - Bare & Coated (miles) (O&R)	240	118	102	86	70	
1.2.4	Cast Iron / Wrought Iron - without upgrades (miles) (CECONY)	1,406	925	881	830	785	
1.2.4	Cast Iron / Wrought Iron - without upgrades (miles) (O&R)	44	0	0	0	0	These metrics should provide the number of years remaining to take out of service, replace or upgrade cathodically uncoated steel mains, and cast iron/wrought iron mains, consistent with applicable state utility commission authorizations.
1.3	Plan/Commitment to Replace / Upgrade Remaining Miles of Distribution Mains (# years to complete)						
1.3.1	Unprotected Steel (Bare & Coated) (# years to complete) (CECONY)	31	20	19	18	17	Optional: # yrs by pipe type.
1.3.1	Unprotected Steel (Bare & Coated) (# years to complete) (O&R)	Unknown	10	8	7	6	Optional: # yrs by pipe type.
1.3.2	Cast Iron / Wrought Iron (# years to complete) (CECONY)	31	20	19	18	17	Optional: # yrs by pipe type.
1.3.2	Cast Iron / Wrought Iron (# years to complete) (O&R)	Unknown	0	0	0	0	Optional: # yrs by pipe type.
2	Distribution CO ₂ e Fugitive Emissions						
2.1	CO ₂ e Fugitive Methane Emissions from Gas Distribution Operations (metric tons) (CECONY)	338,000	209,727	199,838	189,147	180,083	Fugitive methane emissions (not CO ₂ combustion emissions) stated as CO ₂ e, as reported to EPA under 40 CFR 98, Subpart W, sections 98.236(q)(3)(x)(D), 98.236(r)(1)(v), and 98.236(r)(2)(v)(B) - i.e., this is Subpart W methane emissions as input in row 2.2 below and converted to CO ₂ e here. This metric should include fugitive methane emissions above the reporting threshold for all natural gas local distribution companies (LDCs) held by the Parent Company that are above the LDC Facility reporting threshold for EPA's 40 C.F.R. 98, Subpart W reporting rule. Calculated value based on mt CH ₄ input in the 2.2 (below).
2.1	CO ₂ e Fugitive Methane Emissions from Gas Distribution Operations (metric tons) (O&R)	Unknown	16,874	15,842	15,488	Not disclosed	Fugitive methane emissions (not CO ₂ combustion emissions) stated as CO ₂ e, as reported to EPA under 40 CFR 98, Subpart W, sections 98.236(q)(3)(x)(D), 98.236(r)(1)(v), and 98.236(r)(2)(v)(B) - i.e., this is Subpart W methane emissions as input in row 2.2 below and converted to CO ₂ e here. This metric should include fugitive methane emissions above the reporting threshold for all natural gas local distribution companies (LDCs) held by the Parent Company that are above the LDC Facility reporting threshold for EPA's 40 C.F.R. 98, Subpart W reporting rule. Calculated value based on mt CH ₄ input in the 2.2 (below).
2.2	CH ₄ Fugitive Methane Emissions from Gas Distribution Operations (metric tons) (CECONY)	13,520	8,389	7,994	7,566	7,203	INPUT VALUE (total mt CH ₄) as explained in definition above. Subpart W input is CH ₄ (mt).
2.2	CH ₄ Fugitive Methane Emissions from Gas Distribution Operations (metric tons) (O&R)	Unknown	674	633	619	Not disclosed	
2.2.1	CH ₄ Fugitive Methane Emissions from Gas Distribution Operations (MMSCF/year) (CECONY)	704	437	412	394	375	
2.2.1	CH ₄ Fugitive Methane Emissions from Gas Distribution Operations (MMSCF/year) (O&R)	Unknown	35.10	32.96	32.24	Not disclosed	
2.3	Annual Natural Gas Throughput from Gas Distribution Operations in thousands of standard cubic feet (Mscf/year) (CECONY)	234,654,613	307,117,704	309,840,459			This metric provides gas throughput from distribution (quantity of natural gas delivered to end users) reported under Subpart W, 40 C.F.R. 98.236(aa)(9)(iv), as reported on the Subpart W e-GRRR integrated reporting form in the "Facility Overview" worksheet Excel form, Quantity of natural gas delivered to end users (column 4).
2.3	Annual Natural Gas Throughput from Gas Distribution Operations in thousands of standard cubic feet (Mscf/year) (O&R)	Unknown	25,083,962	27,125,685			This metric provides gas throughput from distribution (quantity of natural gas delivered to end users) reported under Subpart W, 40 C.F.R. 98.236(aa)(9)(iv), as reported on the Subpart W e-GRRR integrated reporting form in the "Facility Overview" worksheet Excel form, Quantity of natural gas delivered to end users (column 4).
2.3.1	Annual Methane Gas Throughput from Gas Distribution Operations in millions of standard cubic feet (MMscf/year)(CECONY)	222,922	291,762	294,348			
2.3.1	Annual Methane Gas Throughput from Gas Distribution Operations in millions of standard cubic feet (MMscf/year)(O&R)	Unknown	23,830	25,769			
2.4	Fugitive Methane Emissions Rate (Percent MMscf of Methane Emissions per MMscf of Methane Throughput) (CECONY)	0.32%	0.15%	0.14%			$\frac{E_C}{TP_C} = \frac{\text{tonnes CH}_4}{\text{MMscf gas}} \times \frac{10^6 \text{ g CH}_4}{\text{tonne CH}_4} \times \frac{\text{g mole CH}_4}{16 \text{ g CH}_4} \times \frac{\text{g mole Nat.Gas}}{0.95 \text{ g mole CH}_4} \times \frac{\text{scf gas}}{1.198 \text{ g mole gas}} \times \frac{\text{MMscf gas emissions}}{10^6 \text{ scf gas}} = \%$

2.4	Fugitive Methane Emissions Rate (Percent MMscf of Methane Emissions per MMscf of Methane Throughput) (O&R)	Unknown	0.15%	0.13%		$\frac{E_C}{TP_C} = \frac{\text{tonnes } CH_4}{MMscf \text{ gas}} \times \frac{10^6 \text{ g } CH_4}{\text{tonne } CH_4} \times \frac{\text{g mole } CH_4}{16 \text{ g } CH_4} \times \frac{\text{gmol Nat.Gas}}{0.95 \text{ gmol } CH_4} \times \frac{\text{scf gas}}{1.198 \text{ gmol gas}} \times \frac{MMscf \text{ gas emissions}}{10^6 \text{ scf gas}} =$ $\frac{MMscf \text{ gas emissions}}{MMscf \text{ gas throughput}} = 0\%$
-----	--	---------	-------	-------	--	--

Natural Gas Transmission and Storage

		Not reported. Facilities are below the EPA Subpart W threshold.				<p>All methane leak sources per 98.232 (e) (1-8), (f)(1-8), and (m) are included for Transmission and Storage. Combustion sources are excluded. CO₂ and N₂O are excluded.</p> <p><u>Fugitive Methane</u> emissions as defined in 40 CFR 98 Sub W Section 232 (e) (1-8), CO₂ and N₂O emissions are excluded from this section.</p> <p>Value reported using calculation in 40 CFR 98 Sub W Section 236(b)(4) Value reported using calculation in 40 CFR 98 Sub W Section 236(i)(1)(iii) Value reported using calculation in 40 CFR 98 Sub W Section 236(k)(2)(v) Value reported using calculation in 40 CFR 98 Sub W Section 236(n)(11) Value reported using calculation in 40 CFR 98 Sub W Section 236(o)(2)(ii)(D)(2) Value reported using calculation in 40 CFR 98 Sub W Section 236(p)(2)(ii)(D)(2) Value reported using calculation in 40 CFR 98 Sub W Section 236(q)(2)(v) Value reported using calculation in 40 CFR 98 Sub W Section 236(q)(2)(v)</p> <p>Density of Methane = 0.0192 kg/ft³ per 40 CFR Sub W EQ. W-36</p>
1	Onshore Natural Gas Transmission Compression Methane Emissions	Not reported. Facilities are below the EPA Subpart W threshold.				<p><u>Fugitive Methane</u> emissions as defined in 40 CFR 98 Sub W Section 232 (f) (1-8), CO₂ and N₂O emissions are excluded from this section.</p> <p>Value reported using calculation in 40 CFR 98 Sub W Section 236(b)(4) Value reported using calculation in 40 CFR 98 Sub W Section 236(n)(11) Value reported using calculation in 40 CFR 98 Sub W Section 236(o)(2)(ii)(D)(2) Value reported using calculation in 40 CFR 98 Sub W Section 236(p)(2)(ii)(D)(2) Value reported using calculation in 40 CFR 98 Sub W Section 236(q)(2)(v) Value reported using calculation in 40 CFR 98 Sub W Section 236(q)(2)(v)</p> <p>Value reported using calculation in 40 CFR 98 Sub W Section 236(q)(2)(v) Value reported using calculation in 40 CFR 98 Sub W Section 236(q)(2)(v)</p> <p>Value reported using calculation in 40 CFR 98 Sub W Section 232(q)(2)(v)</p> <p>Density of Methane = 0.0192 kg/ft³ per 40 CFR Sub W EQ. W-36</p>
2	Underground Natural Gas Storage Methane Emissions	Not reported. Facilities are below the EPA Subpart W threshold.				<p><u>Blowdown vent stacks for onshore transmission pipeline</u> as defined in 40 CFR 98 Sub W Section 232 (m), CO₂ and N₂O emissions are excluded from this section.</p> <p>Value reported using calculation in 40 CFR 98 Sub W Section 232(i)(3)(ii)</p> <p>(OPTIONAL) If desired, report additional sources required by ONE Future include dehydrator vents, storage station venting transmission pipeline leaks, and storage tank methane.</p>
3	Onshore Natural Gas Transmission Pipeline Blowdowns	Not reported. Facilities are below the EPA Subpart W threshold.				
4	Other Non-Sub W Emissions Data (OPTIONAL)	Not reported. Facilities are below the EPA Subpart W threshold.				
5	Summary and Metrics	N/A	N/A	N/A	N/A	N/A
5.1	Total Transmission and Storage Methane Emissions (MMSCF/year)					
5.2	Annual Natural Gas Throughput from Gas Transmission and Storage Operations (MSCF/year)					
5.2.1	Annual Methane Gas Throughput from Gas Transmission and Storage Operations (MMSCF/year)					
5.3	Methane Emissions Intensity Metric (Percent MMscf of Methane Emissions per MMscf of Methane Throughput)					
5.1	Total Transmission and Storage Methane Emissions (MMSCF/year)					
5.2	Annual Natural Gas Throughput from Gas Transmission and Storage Operations (MSCF/year)					
5.2.1	Annual Methane Gas Throughput from Gas Transmission and Storage Operations (MMSCF/year)					
5.3	Methane Emissions Intensity Metric (Percent MMscf of Methane Emissions per MMscf of Methane Throughput)					

Natural Gas Gathering and Boosting

		Not reported. Facilities are below the EPA Subpart W threshold.				
1	METHANE EMISSIONS	Not reported. Facilities are below the EPA Subpart W threshold.				
1.1	Gathering and Boosting Pipelines, Blow Down Volumes, and Emissions	Not reported. Facilities are below the EPA Subpart W threshold.				
1.1.1	Total Miles of Gathering Pipeline Operated by gas utility (miles)	Not reported. Facilities are below the EPA Subpart W threshold.				
1.1.2	Volume of Gathering Pipeline Blow Down Emissions (scf)	Not reported. Facilities are below the EPA Subpart W threshold.				
1.1.4	Gathering Pipeline Blow-Down Emissions outside storage and compression facilities (metric tons CO ₂ e)	Not reported. Facilities are below the EPA Subpart W threshold.				
2	CO₂e COMBUSTION EMISSIONS FOR GATHERING & BOOSTING COMPRESSION	Not reported. Facilities are below the EPA Subpart W threshold.				
2.1	CO ₂ e Emissions for Gathering & Boosting Compression Stations (metric tons)	Not reported. Facilities are below the EPA Subpart W threshold.				
3	CONVENTIONAL COMBUSTION EMISSIONS FROM GATHERING & BOOSTING COMPRESSION	Not reported. Facilities are below the EPA Subpart W threshold.				
3.1	Emissions reported for all permitted sources (minor or major)	Not reported. Facilities are below the EPA Subpart W threshold.				
3.1.1	NO _x (metric tons per year)	10.44	4.64	3.70	6.26	6.26
3.1.2	VOC (metric tons per year)	0.61	0.34	0.27	0.41	0.41

Human Resources

1.1	Total Number of Employees	-	14,071	13,871		
1.2	Percentage of Women in Total Workforce	-	22%	22%		
1.3	Percentage of Minorities in Total Workforce	-	49%	50%		
2.1	Total Number on Board of Directors/Trustees	11	10	12		
2.2	Percentage of Women on Board of Directors/Trustees	18%	30%	33%		
2.3	Percentage of Minorities on Board of Directors/Trustees	0%	0%	33%		
3	Employee Safety Metrics					
3.1	Recordable Incident Rate (CECONY)	3.46	0.91	1.22		
3.1	Recordable Incident Rate (O&R)	4.94	0.82	0.80		

3.2	Lost-time Case Rate (CECONY)	Not reported	0.57	0.88	
3.2	Lost-time Case Rate (O&R)	Not reported	0.49	0.27	
3.3	Days Away, Restricted, and Transfer (DART) Rate (CECONY)	Not reported	0.60	0.92	
3.3	Days Away, Restricted, and Transfer (DART) Rate (O&R)	Not reported	0.49	0.27	
3.4	Work-related Fatalities (CECONY)	0.00	0.00	0.00	
3.4	Work-related Fatalities (O&R)	0.00	0.00	0.00	

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

© 2021 American Gas Association. All rights reserved.