

Avangrid EEI / AGA Report

2023



Electric Company ESG/Sustainability Quantitative Information

Parent Company: AVANGRID, INC.
 Operating Company(s): AVANGRID RENEWABLES, CENTRAL MAINE POWER, NEW YORK STATE ELECTRIC & GAS, ROCHESTER GAS & ELECTRIC, UNITED ILLUMINATING
 Business Type(s): (e.g., vertically integrated, T&D only, competitive interest)
 State(s) of Operation:
 State(s) with RPS Programs:
 Regulatory Environment: (e.g., deregulated, regulated, both)
 Report Date: Jun-24

Ref. No.	Refer to the 'EEI Definitions' tab for more information on each metric	Baseline	Previous year	Current Year	Comments
		2015	2022	2023	
Portfolio					
1	Owned Nameplate Generation Capacity at end of year (MW)	6,458	9,542	9,673	
1	Coal				
1	Natural Gas	645	840	840	
1	-Co-Generation		636	636	
1	-Own Peaking		204	204	
1	Nuclear				
1	Petroleum				
2	Total Renewable Energy Resources	5,813	8,702	8,833	
1.5.1	Biomass/Biogas				
1.5.2	Geothermal				
1.5.3	Hydroelectric	118	118	118	
1.5.4	Solar	50	509	618	
1.5.5	Wind	5,645	8,061	8,084	2023 includes both onshore and offshore. Prior years do not include offshore.
2	Other		13	13	
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)	17,417,000	22,807,000	23,326,000	
2	Coal				
2	Natural Gas	2,790,000	2,516,000	3,144,000	
2	Nuclear				
2	Petroleum				
3	Total Renewable Energy Resources	14,627,000	20,283,000	20,176,000	
2.5.1	Biomass/Biogas				
2.5.2	Geothermal				
2.5.3	Hydroelectric	366,000	188,000	245,000	
2.5.4	Solar	126,000	314,000	834,000	
2.5.5	Wind	14,135,000	19,612,000	19,019,000	
3	Other		74,000	78,000	
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	Total Annual Capital Expenditures (nominal dollars)	\$1,168,000,000	\$2,698,000.00	\$3,070,000.00	
3	Incremental Annual Electricity Savings from EE Measures (MWh)	204,254	251,849	270,690	
	-New York State Gas & Electric			150,407	
	-Rochester Gas & Electric			87,083	
	-United Illuminating			\$33,200	
3	Incremental Annual Investment in Electric EE Programs (nominal dollars)	\$66,553,179	\$50,145,413	\$90,441,736	Heat Pump program numbers included in 2023 which explains the increase over 2022. With heat pump program results, 2022 resulted in approximately \$70M.
4	Retail Electric Customer Count (at end of year)	2,208,195	2,308,908	2,330,520	
4	Commercial		269,353	270,929	
	New York State Gas & Electric		124,082	124,477	
	Rochester Gas & Electric		40,199	39,955	
	Central Maine Power Company		73,113	74,706	
	United Illuminating		31,959	31,791	
4	Industrial		5,001	4,761	
	New York State Gas & Electric		1,596	1,535	
	Rochester Gas & Electric		678	651	
	Central Maine Power Company		1,923	1,804	
	United Illuminating		804	771	
4	Residential		2,031,260	2,041,554	
	New York State Gas & Electric		789,414	792,523	
	Rochester Gas & Electric		349,585	350,548	
	Central Maine Power Company		582,200	587,190	
	United Illuminating		310,061	311,293	
4	Other		3,294	3,276	
	New York State Gas & Electric		1,117	1,115	
	Rochester Gas & Electric		485	480	
	Central Maine Power Company		559	560	
	United Illuminating		1,133	1,121	

Ref. No.	Refer to the 'EEI Definitions' tab for more information on each metric	Baseline	Previous year	Current Year	Comments
		2015	2022	2023	
Emissions					
5	GHG Emissions: Carbon Dioxide (CO2) and Carbon Dioxide Equivalent (CO2e) Note: The alternatives available below are intended to provide flexibility in reovertime GHG emissions, and should be used to the extent appropriate for each company.				
5	Owned Generation				
5.1.1	Carbon Dioxide (CO2)				
5.1.1.1	Total Owned Generation CO2 Emissions (MT)	1,117,597	1,050,346	1,292,286	Reflects generation emissions
5.1.1.2	Total Owned Generation CO2 Emissions Intensity (MT/Net MWh)	0.064	0.046	0.055	
5.1.2	Carbon Dioxide Equivalent (CO2e)				
5.1.2.1	Total Owned Generation CO2e Emissions (MT)	1,118,734	1,375,464	1,636,499	Reflects total emissions
5.1.2.2	Total Owned Generation CO2e Emissions Intensity (MT/Net MWh)	0.064	0.060	0.070	
5	Non-Generation CO2e Emissions of Sulfur Hexafluoride (SF6) (5)				
5.4.1	Total CO2e emissions of SF6 (MT)	n/a	32,137	22,697	
5.4.2	Total CO2e emissions of SF6 (MT/Net MWh)	n/a	0	0	
6	Nitrogen Oxide (NOx), Sulfur Dioxide (SO2), Mercury (Hg)				
6	Generation basis for calculation (6)				
6	Nitrogen Oxide (NOx)				
6.2.1	Total NOx Emissions (MT)	146	68	72	
6.2.2	Total NOx Emissions Intensity (MT/Net MWh)	0.00001	0.00300	0.00319	
6	Sulfur Dioxide (SO2)				
6.3.1	Total SO2 Emissions (MT)	5	5	6	
6.3.2	Total SO2 Emissions Intensity (MT/Net MWh)	0.00000	0.00020	0.00028	
6	Mercury (Hg)				
6.4.1	Total Hg Emissions (kg)	0.0	0.0	0.0	
6.4.2	Total Hg Emissions Intensity (kg/Net MWh)	0.00000	0.00000	0.00000	
Resources					
7	Human Resources				
7	Total Number of Employees	6,809	7,579	7,999	
7	Percentage of Women in Total Workforce	n/a	27.5%	28 %	
7	Percentage of Minorities in Total Workforce	n/a	19.8%	20.3 %	
7	Total Number on Board of Directors/Trustees	12	14	14	
8	Percentage of Women on Board of Directors/Trustees	8%	25%	29%	
8	Percentage of Minorities on Board of Directors/Trustees	-%	7%	57%	We now categorize directors that identify a "Hispanic" as minorities consistent with the NASDAQ rules. While we are not a NASDAQ-listed company, the NYSE does not have rules regarding director diversity disclosure so in their absence we have begun using the NASDAQ standards.
8	Employee Safety Metrics				
7.7.1	Recordable Incident Rate	2.41	2.64	2.11	
7.7.2	Lost-time Case Rate	0.75	0.71	0.57	
7.7.3	Days Away, Restricted Duty, or Job Transfer (DART)	n/a	1.75	1.63	
7.7.4	Work-related Fatalities	0	1	0	
8	Fresh Water Resources used in Thermal Power Generation Activities				
8	Water Withdrawals - Consumptive (Millions of Gallons)	n/a	47	68	
8	Water Withdrawals - Non-Consumptive (Millions of Gallons)	n/a	30	27	
8	Water Withdrawals - Consumptive Rate (Millions of Gallons/Net MWh)				
8	Water Withdrawals - Non-Consumptive Rate (Millions of Gallons/Net MWh)				
9	Amount of Hazardous Waste Manifested for Disposal	141	2,281	414	Variance is a result of less soil remediation
9	Percent of Coal Combustion Products Beneficially Used	-%	-%	-%	
Additional Metrics (Optional)					
Insert additional rows in this section as necessary.					
© 2021 Edison Electric Institute. All rights reserved.					

Definition for Electric Company ESG/Environmental Metrics

Ref. No.	Metric Name	Definition	Units Reported in	Time Period of Measurement	Reference to Source of Information
Renewable Capacity					
1	Overall Renewable Generation Capacity as of end of year (MW)	Renewable capacity consists of all licensed and under construction capacity by year category. The definition of capacity is the maximum capacity of licensed generation in the company portfolio, as reported to the U.S. Energy Information Administration (EIA) via the Federal Energy Information System. This data should be presented in terms of capacity for licensed facilities. Renewable capacity is defined as the maximum rated output of a generator, prime mover, or other electric power producer equipment category as reported to EIA. Renewable capacity includes all licensed and under construction capacity, regardless of whether the capacity is currently generating or not.	Megawatt (MW) (Net without water of hydropower)	End of Year	U.S. Energy Information Administration, Office of Energy Delivery, Energy Efficiency, and Renewable Energy (EIA). Renewable Capacity Data. https://www.eia.gov/tools/batch_renewable_capacity_data/
1	Solar	Renewable capacity of generation resources that produce electricity through the collection of solar energy, including solar photovoltaic (PV) and concentrated solar power (CSP) technologies.	MW	End of Year	U.S. Energy Information Administration, Office of Energy Delivery, Energy Efficiency, and Renewable Energy (EIA). Renewable Capacity Data. https://www.eia.gov/tools/batch_renewable_capacity_data/
1	Wind	Renewable capacity of generation resources that produce electricity through the collection of wind energy, including onshore and offshore wind.	MW	End of Year	U.S. Energy Information Administration, Office of Energy Delivery, Energy Efficiency, and Renewable Energy (EIA). Renewable Capacity Data. https://www.eia.gov/tools/batch_renewable_capacity_data/
1	Hydro	Renewable capacity of generation resources that produce electricity through the collection of water flow to generate electricity through hydroelectric, pumped storage, and tidal technologies.	MW	End of Year	U.S. Energy Information Administration, Office of Energy Delivery, Energy Efficiency, and Renewable Energy (EIA). Renewable Capacity Data. https://www.eia.gov/tools/batch_renewable_capacity_data/
1	Geothermal	Renewable capacity of generation resources that produce electricity through the collection of geothermal energy, including direct use and geothermal heat exchange.	MW	End of Year	U.S. Energy Information Administration, Office of Energy Delivery, Energy Efficiency, and Renewable Energy (EIA). Renewable Capacity Data. https://www.eia.gov/tools/batch_renewable_capacity_data/
1	Total Renewable Energy Resources	Sum of solar, wind, hydro, geothermal, CSP, tidal, and other renewable energy resources.	MW	End of Year	U.S. Energy Information Administration, Office of Energy Delivery, Energy Efficiency, and Renewable Energy (EIA). Renewable Capacity Data. https://www.eia.gov/tools/batch_renewable_capacity_data/
1.1	Battery/Storage	Renewable capacity of generation resources that produce electricity through the collection of stored energy, including pumped storage and battery storage.	MW	End of Year	U.S. Energy Information Administration, Office of Energy Delivery, Energy Efficiency, and Renewable Energy (EIA). Renewable Capacity Data. https://www.eia.gov/tools/batch_renewable_capacity_data/
1.1	Hydroelectric	Renewable capacity of generation resources that produce electricity through the use of flowing water.	MW	End of Year	U.S. Energy Information Administration, Office of Energy Delivery, Energy Efficiency, and Renewable Energy (EIA). Renewable Capacity Data. https://www.eia.gov/tools/batch_renewable_capacity_data/
1.1	Other	Renewable capacity of generation resources that produce electricity through the use of the natural energy of the sun, which can be converted into electrical energy.	MW	End of Year	U.S. Energy Information Administration, Office of Energy Delivery, Energy Efficiency, and Renewable Energy (EIA). Renewable Capacity Data. https://www.eia.gov/tools/batch_renewable_capacity_data/
1.1	Wind	Renewable capacity of generation resources that produce electricity through the use of kinetic energy present in wind turbines that can be converted into electrical energy.	MW	End of Year	U.S. Energy Information Administration, Office of Energy Delivery, Energy Efficiency, and Renewable Energy (EIA). Renewable Capacity Data. https://www.eia.gov/tools/batch_renewable_capacity_data/
1.1	Solar	Renewable capacity of generation resources that produce electricity through the use of solar energy, including photovoltaic and concentrated solar power.	MW	End of Year	U.S. Energy Information Administration, Office of Energy Delivery, Energy Efficiency, and Renewable Energy (EIA). Renewable Capacity Data. https://www.eia.gov/tools/batch_renewable_capacity_data/
Renewable Energy Production					
2	Net Generation for the year (MWh)	Net generation is defined as the summation of the amount of gross generation less the electrical energy consumed at the generating station for the entire year of operations. This net generation is broken down into renewable energy production, including all the various sources for renewable energy production. Renewable energy production is defined as the amount of gross generation less the amount of electrical energy consumed at the generating station for the entire year of operations. Renewable energy production is broken down into solar, wind, hydro, geothermal, CSP, tidal, and other renewable energy resources.	Megawatt Hour (MWh) (Net without water of hydropower)	Annual	U.S. Energy Information Administration, Office of Energy Delivery, Energy Efficiency, and Renewable Energy (EIA). Renewable Energy Production Data. https://www.eia.gov/tools/batch_renewable_energy_production_data/
2	Solar	Net electricity generated by the collection of solar energy, including solar photovoltaic (PV) and concentrated solar power (CSP) technologies.	MWh	Annual	U.S. Energy Information Administration, Office of Energy Delivery, Energy Efficiency, and Renewable Energy (EIA). Renewable Energy Production Data. https://www.eia.gov/tools/batch_renewable_energy_production_data/
2	Wind	Net electricity generated by the collection of wind energy, including onshore and offshore wind.	MWh	Annual	U.S. Energy Information Administration, Office of Energy Delivery, Energy Efficiency, and Renewable Energy (EIA). Renewable Energy Production Data. https://www.eia.gov/tools/batch_renewable_energy_production_data/
2	Hydro	Net electricity generated by the use of flowing water to generate electricity.	MWh	Annual	U.S. Energy Information Administration, Office of Energy Delivery, Energy Efficiency, and Renewable Energy (EIA). Renewable Energy Production Data. https://www.eia.gov/tools/batch_renewable_energy_production_data/
2	Geothermal	Net electricity generated by the collection of geothermal energy, including direct use and geothermal heat exchange.	MWh	Annual	U.S. Energy Information Administration, Office of Energy Delivery, Energy Efficiency, and Renewable Energy (EIA). Renewable Energy Production Data. https://www.eia.gov/tools/batch_renewable_energy_production_data/
2	Total Renewable Energy Resources	Sum of solar, wind, hydro, geothermal, CSP, tidal, and other renewable energy resources.	MWh	Annual	U.S. Energy Information Administration, Office of Energy Delivery, Energy Efficiency, and Renewable Energy (EIA). Renewable Energy Production Data. https://www.eia.gov/tools/batch_renewable_energy_production_data/
2.1	Battery/Storage	Net electricity generated by the collection of stored energy, including pumped storage and battery storage.	MWh	Annual	U.S. Energy Information Administration, Office of Energy Delivery, Energy Efficiency, and Renewable Energy (EIA). Renewable Energy Production Data. https://www.eia.gov/tools/batch_renewable_energy_production_data/
2.1	Hydroelectric	Net electricity generated by the use of flowing water.	MWh	Annual	U.S. Energy Information Administration, Office of Energy Delivery, Energy Efficiency, and Renewable Energy (EIA). Renewable Energy Production Data. https://www.eia.gov/tools/batch_renewable_energy_production_data/
2.1	Other	Net electricity generated by the use of the natural energy of the sun, which can be converted into electrical energy.	MWh	Annual	U.S. Energy Information Administration, Office of Energy Delivery, Energy Efficiency, and Renewable Energy (EIA). Renewable Energy Production Data. https://www.eia.gov/tools/batch_renewable_energy_production_data/
2.1	Wind	Net electricity generated by the collection of wind energy, including onshore and offshore wind.	MWh	Annual	U.S. Energy Information Administration, Office of Energy Delivery, Energy Efficiency, and Renewable Energy (EIA). Renewable Energy Production Data. https://www.eia.gov/tools/batch_renewable_energy_production_data/
2.1	Solar	Net electricity generated by the collection of solar energy, including photovoltaic and concentrated solar power.	MWh	Annual	U.S. Energy Information Administration, Office of Energy Delivery, Energy Efficiency, and Renewable Energy (EIA). Renewable Energy Production Data. https://www.eia.gov/tools/batch_renewable_energy_production_data/
Renewable Energy Production - Other					
3	Total Annual Capital Expenditures	All capital expenditures, including but not limited to, investments in renewable energy production, including all the various sources for renewable energy production. Renewable energy production is defined as the amount of gross generation less the amount of electrical energy consumed at the generating station for the entire year of operations. Renewable energy production is broken down into solar, wind, hydro, geothermal, CSP, tidal, and other renewable energy resources.	Dollar	Annual	Accounting Tally, USA. http://www.accountingtally.com/reports-and-items/chart-in-a-caption
3	Investment Annual Electricity Savings from 100 MW Resources (MWh)	Investment Annual Electricity Savings for the reporting year is reported to be the total investment in renewable energy production for the reporting year less the amount of electrical energy consumed at the generating station for the entire year of operations. Renewable energy production is defined as the amount of gross generation less the amount of electrical energy consumed at the generating station for the entire year of operations. Renewable energy production is broken down into solar, wind, hydro, geothermal, CSP, tidal, and other renewable energy resources.	MWh	End of Year	U.S. Energy Information Administration, Office of Energy Delivery, Energy Efficiency, and Renewable Energy (EIA). Renewable Energy Production Data. https://www.eia.gov/tools/batch_renewable_energy_production_data/
3	Investment Annual Investment in Electric (E) Programs (million dollars)	Total amount invested in electric energy efficiency programs as reported to EIA via Form 923.	Dollar	End of Year	U.S. Energy Information Administration, Office of Energy Delivery, Energy Efficiency, and Renewable Energy (EIA). Renewable Energy Production Data. https://www.eia.gov/tools/batch_renewable_energy_production_data/
Renewable Energy Production - Other					
4	Renewable Energy Production (MWh)	Renewable energy production is defined as the amount of gross generation less the amount of electrical energy consumed at the generating station for the entire year of operations. Renewable energy production is broken down into solar, wind, hydro, geothermal, CSP, tidal, and other renewable energy resources.	Megawatt Hour (MWh) (Net without water of hydropower)	Annual	U.S. Energy Information Administration, Office of Energy Delivery, Energy Efficiency, and Renewable Energy (EIA). Renewable Energy Production Data. https://www.eia.gov/tools/batch_renewable_energy_production_data/
4	Solar	Renewable energy production by the collection of solar energy, including solar photovoltaic (PV) and concentrated solar power (CSP) technologies.	MWh	Annual	U.S. Energy Information Administration, Office of Energy Delivery, Energy Efficiency, and Renewable Energy (EIA). Renewable Energy Production Data. https://www.eia.gov/tools/batch_renewable_energy_production_data/
4	Wind	Renewable energy production by the collection of wind energy, including onshore and offshore wind.	MWh	Annual	U.S. Energy Information Administration, Office of Energy Delivery, Energy Efficiency, and Renewable Energy (EIA). Renewable Energy Production Data. https://www.eia.gov/tools/batch_renewable_energy_production_data/
4	Hydro	Renewable energy production by the use of flowing water to generate electricity.	MWh	Annual	U.S. Energy Information Administration, Office of Energy Delivery, Energy Efficiency, and Renewable Energy (EIA). Renewable Energy Production Data. https://www.eia.gov/tools/batch_renewable_energy_production_data/
4	Geothermal	Renewable energy production by the collection of geothermal energy, including direct use and geothermal heat exchange.	MWh	Annual	U.S. Energy Information Administration, Office of Energy Delivery, Energy Efficiency, and Renewable Energy (EIA). Renewable Energy Production Data. https://www.eia.gov/tools/batch_renewable_energy_production_data/
4	Total Renewable Energy Resources	Sum of solar, wind, hydro, geothermal, CSP, tidal, and other renewable energy resources.	MWh	Annual	U.S. Energy Information Administration, Office of Energy Delivery, Energy Efficiency, and Renewable Energy (EIA). Renewable Energy Production Data. https://www.eia.gov/tools/batch_renewable_energy_production_data/
4.1	Battery/Storage	Renewable energy production by the collection of stored energy, including pumped storage and battery storage.	MWh	Annual	U.S. Energy Information Administration, Office of Energy Delivery, Energy Efficiency, and Renewable Energy (EIA). Renewable Energy Production Data. https://www.eia.gov/tools/batch_renewable_energy_production_data/
4.1	Hydroelectric	Renewable energy production by the use of flowing water.	MWh	Annual	U.S. Energy Information Administration, Office of Energy Delivery, Energy Efficiency, and Renewable Energy (EIA). Renewable Energy Production Data. https://www.eia.gov/tools/batch_renewable_energy_production_data/
4.1	Other	Renewable energy production by the use of the natural energy of the sun, which can be converted into electrical energy.	MWh	Annual	U.S. Energy Information Administration, Office of Energy Delivery, Energy Efficiency, and Renewable Energy (EIA). Renewable Energy Production Data. https://www.eia.gov/tools/batch_renewable_energy_production_data/
4.1	Wind	Renewable energy production by the collection of wind energy, including onshore and offshore wind.	MWh	Annual	U.S. Energy Information Administration, Office of Energy Delivery, Energy Efficiency, and Renewable Energy (EIA). Renewable Energy Production Data. https://www.eia.gov/tools/batch_renewable_energy_production_data/
4.1	Solar	Renewable energy production by the collection of solar energy, including photovoltaic and concentrated solar power.	MWh	Annual	U.S. Energy Information Administration, Office of Energy Delivery, Energy Efficiency, and Renewable Energy (EIA). Renewable Energy Production Data. https://www.eia.gov/tools/batch_renewable_energy_production_data/

ESG/SUSTAINABILITY: QUALITATIVE INFORMATION 2023

Emission Reduction Goals

[See Avangrid 2023 Sustainability Report](#)

Sustainability Goals Scorecard: Environmental Goals, page 6

ESG/SUSTAINABILITY GOVERNANCE

[See Avangrid 2023 Sustainability Report](#)

Governance and Sustainability, pages 63 - 64

Board of Director's Sustainability Oversight, page 65

Governance System Incorporating SDGs, page 66

Climate Action and Corporate Governance, page 17

ESG/SUSTAINABILITY STRATEGY

[See Avangrid 2023 Sustainability Report](#)

Sustainability Strategy and Highlights, page 4

Progress Toward Sustainability Goals, page 5

Sustainability Goals Scorecard, page 6

Business Focus on a Clean Energy Future: 2023 Networks, page 12

Business Focus on a Clean Energy Future: Corporate Innovation, page 15

Climate Strategy with a Customer Focus, page 18

Value Chain Engagement and Low-Carbon Initiatives, page 19

Gas Company ESG/Sustainability Quantitative Information

Parent Company: AVANGRID, INC.
 Operating Company(s): CONNECTICUT NATURAL GAS, SOUTHERN CONNECTICUT GAS, NEW YORK STATE ELECTRIC & GAS, ROCHESTER GAS & ELECTRIC, MAINE NATURAL GAS, BERKSHIRE GAS
 BERKSHIRE GAS CO & MAINE NATURAL GAS are below the LDC Facility reporting threshold for EPA's 40 C.F.R. 98, Subpart W reporting rule.

Business Type(s): (e.g., vertically integrated, T&D only, competitive integrated)
 State(s) of Operation:
 Regulatory Environment: (e.g., deregulated, regulated, both)
 Report Date: Aug-22

Ref.	Refer to the "Definitions" column for more information on each metric.	Baseline	Previous Year	Current Year	Comments
		2015	2022	2023	
Natural Gas Distribution					
1	METHANE EMISSIONS AND MITIGATION FROM				
1	Number of Gas Distribution Customers	984,167.00	1,037,277	1,039,940	
	-Berkshire Gas		40,760	40,644	
	-Connecticut Natural Gas		186,227	187,790	
	-Maine Natural Gas		5,935	6,136	
	-New York State Electric &		271,955	271,976	
	-Rochester Gas & Electric		323,496	324,793	
	-Southern Connecticut Gas		208,904	208,601	
1.2.1	Plastic (miles)	6,293.78	7,887	13,479	
	-Berkshire Gas		341	349	
	-Connecticut Natural Gas		1,010	1,022	
	-Maine Natural Gas		204	204	
	-New York State Electric &		2,648	2,688	
	-Rochester Gas & Electric		2,454	2,502	
	-Southern Connecticut Gas		1230	1,241	
1.2.2	Cathodically Protected Steel - Bare & Coated (miles)	6,267.79	6535	7,780	
	-Berkshire Gas		360	358	
	-Connecticut Natural Gas		941	940	
	-Maine Natural Gas		25	25	
	-New York State Electric &		2131	2,108	
	-Rochester Gas & Electric		2443	2,416	
	-Southern Connecticut Gas		635	635	
1.2.3	Unprotected Steel - Bare & Coated (miles)	572.61	259	471	
	-Berkshire Gas		29	28	
	-Connecticut Natural Gas		13	11	
	-Maine Natural Gas		0	0	
	-New York State Electric &		83	76	
	-Rochester Gas & Electric		50	43	
	-Southern Connecticut Gas		84	83	
1.2.4	Cast Iron / Wrought Iron - without upgrades (miles)	1,068.78	848	809	
	-Berkshire Gas		36	30	
	-Connecticut Natural Gas		250	236	
	-Maine Natural Gas		0	0	
	-New York State Electric &		4	3	
	-Rochester Gas & Electric		0	0	
	-Southern Connecticut Gas		558	539	
1	Plan/Commitment to Replace / Upgrade Remaining Miles of Distribution Mains (# years to complete)		CT - SCG ~14years CT - CNG ~10 years MA - BGC ~10 years NY - NYSEG & RGE ~5-7years	CT - SCG ~13 years CT - CNG ~9 years MA - BGC ~14 years NY - NYSEG/RGE ~6 years	
1.3.1	Unprotected Steel (Bare & Coated) (# years to complete)		CT - SCG ~14years - bare steel CT - CNG~10 years - bare steel MA - BGC~6 years for both NY - NYSEG ~ 3.2 years - bare steel NY - RGE ~ 1.7 years - bare steel	CT - SCG ~13 years CT - CNG ~9 years MA - BGC ~5 years NY - NYSEG ~6 years NY - RGE ~3-6 years	
1.3.2	Cast Iron / Wrought Iron (# years to complete)		MA - BGC~6 years NY - NYSEG ~ 0.2 years	CT - SCG ~13 years CT - CNG ~9 years MA - BGC ~5 years NY - NYSEG ~2-6 years NY - RGE fully replaced	
2	Distribution CO2e Fugitive Emissions		237,626	222,897	
2	CO2e Fugitive Methane Emissions from Gas Distribution Operations (metric tons)	256,350.00	237,626	222,897	
2	CH4 Fugitive Methane Emissions from Gas Distribution Operations (metric tons)	10,254.00	8,487	7,961	
2.2.1	CH4 Fugitive Methane Emissions from Gas Distribution Operations (MMSCF/year)	534.06	466.79	437.86	
2	Annual Natural Gas Throughput from Gas Distribution Operations in thousands of standard cubic feet	205,365,000.00	199,725,000	185,839,014	
2.3.1	Annual Methane Gas Throughput from Gas Distribution Operations in millions of standard cubic feet	195,097	189,739	176,547	
2	Fugitive Methane Emissions Rate (Percent MMscf of Methane Emissions per MMscf of Methane)	—			

Natural Gas Transmission and Storage					
1	Onshore Natural Gas Transmission Compression Methane Emissions				

1.1.1	Pneumatic Device Venting (metric tons/year)	N/A	N/A	N/A
1.1.2	Blowdown Vent Stacks (metric tons/year)	N/A	N/A	N/A
1.1.3	Transmission Storage Tanks (metric tons/year)	N/A	N/A	N/A
1.1.4	Flare Stack Emissions <i>(metric tons/year)</i>	N/A	N/A	N/A
1.1.5	Centrifugal Compressor Venting (metric tons/year)	N/A	N/A	N/A
1.1.6	Reciprocating Compressor Venting (metric tons/year)	N/A	N/A	N/A
1.1.7	Equipment leaks from valves, connectors, open ended lines, pressure relief valves, and meters (metric tons/year)	N/A	N/A	N/A
1.1.8	Other Leaks (metric tons/year)	N/A	N/A	N/A
1	Total Transmission Compression Methane Emissions (metric tons/year)	N/A	N/A	N/A
1	Total Transmission Compression Methane Emissions (CO2e/year)	N/A	N/A	N/A
1	Total Transmission Compression Methane Emissions (MSCF/year)	N/A	N/A	N/A
2	Underground Natural Gas Storage Methane Emissions			
2.1.1	Pneumatic Device Venting (metric tons/year)	N/A	N/A	N/A
2.1.2	Flare Stack Emissions <i>(metric tons/year)</i>	N/A	N/A	N/A
2.1.3	Centrifugal Compressor Venting (metric tons/year)	N/A	N/A	N/A
2.1.4	Reciprocating Compressor Venting (metric tons/year)	N/A	N/A	N/A
2.1.5	Equipment leaks from valves, connectors, open ended lines, pressure relief valves, and meters (metric tons/year)	N/A	N/A	N/A
2.1.6	Other Equipment Leaks (metric tons/year)	N/A	N/A	N/A
2.1.7	Equipment leaks from valves, connectors, open-ended lines, and pressure relief valves associated with storage wellheads <i>(metric tons/year)</i>	N/A	N/A	N/A
2.1.8	Other equipment leaks from components associated with storage wellheads (metric tons/year)	N/A	N/A	N/A
2	Total Storage Compression Methane Emissions (metric tons/year)	N/A	N/A	N/A
2	Total Storage Compression Methane Emissions (CO2e/year)	N/A	N/A	N/A

Ref.	Refer to the "Definitions" column for more information on each metric.	Baseline	Previous Year	Current Year	Comments
		2015	2022	2023	
3	Onshore Natural Gas Transmission Pipeline Blowdowns				
3	Transmission Pipeline Blowdown Vent Stacks (metric tons/year)	N/A	N/A	N/A	
3	Transmission Pipeline Blowdown Vent Stacks (CO2e/year)	N/A	N/A	N/A	
3	Transmission Pipeline Blowdown Vent Stacks (MSCF/year)	N/A	N/A	N/A	
4	Other Non-Sub W Emissions Data (OPTIONAL)				
4	Total Methane Emissions from additional sources not recognized by 40 CFR 98	N/A	N/A	N/A	
4	Total Methane Emissions from additional sources not recognized by 40 CFR 98 Subpart W (CO2e/year)	N/A	N/A	N/A	
4	Total Methane Emissions from additional sources not recognized by 40 CFR 98 Subpart W (MSCF/year)	N/A	N/A	N/A	
5	Summary and Metrics				
5	Total Transmission and Storage Methane Emissions	N/A	N/A	N/A	
5	Annual Natural Gas Throughput from Gas Transmission and Storage Operations (MSCF/year)	N/A	N/A	N/A	
5.2.1	Annual Methane Gas Throughput from Gas Transmission and Storage Methane Emissions Intensity Metric (Percent MMsct of Methane)	N/A	N/A	N/A	

Natural Gas Gathering and Boosting

1	METHANE EMISSIONS	N/A	N/A	N/A	
1	Gathering and Boosting Pipelines, Blow Down Volumes, and Emissions	N/A	N/A	N/A	
1.1.1	Total Miles of Gathering Pipeline Operated by gas utility (miles)	N/A	N/A	N/A	
1.1.2	Volume of Gathering Pipeline Blow Down Emissions (scf)	N/A	N/A	N/A	
1.1.4	Gathering Pipeline Blow-Down Emissions outside storage and compression facilities (metric tons CO2e)	N/A	N/A	N/A	
2	CO2e COMBUSTION EMISSIONS FOR GATHERING & BOOSTING COMPRESSION	N/A	N/A	N/A	
2	CO2e Emissions for Gathering & Boosting Compression Stations (metric tons)	N/A	N/A	N/A	
3	CONVENTIONAL COMBUSTION EMISSIONS FROM GATHERING & BOOSTING COMPRESSION	N/A	N/A	N/A	
3	Emissions reported for all permitted sources (minor or major)	N/A	N/A	N/A	
3.1.1	NOx (metric tons per year)	N/A	N/A	N/A	
3.1.2	VOC (metric tons per year)	N/A	N/A	N/A	
7	Total Number of Employees		7,579	7,999	
7	Percentage of Minorities in Total Workforce		27.5%	27.8%	
7	Percentage of Minorities in Total Workforce		19.8%	20.3%	
7	Percentage of Minorities in Board of Directors/Trustees		14	14	
8	Percentage of Minorities on Board of Directors/Trustees		25%	29%	
8	Percentage of Minorities on Board of Directors/Trustees		7%	57%	
8	Employee Safety Metrics				
7.7.1	Recordable Incident Rate		2.64	2.11	
7.7.2	Lost-time Case Rate		0.71	0.57	
7.7.3	Transfer (DART) Rate		1.75	1.63	
7.7.4	Work-related Fatalities		1	0	

Additional Metrics (Optional)					
Insert additional metrics in this section as necessary.					

We now categorize directors that identify a "Hispanic" as minorities consistent with the NASDAQ rules. While we are not a NASDAQ-listed company, the NYSE does not have rules regarding director diversity disclosure so in their