



## Electric Company ESG/Sustainability Quantitative Information

Ref. No.	Refer to the 'EEI Definitions' tab for more information on each metric	Baseline 2012	Last Year 2022	Current Year 2023	Next Year 2024	Future Year 2028	Comments, Links, Additional Information, and Notes
<b>Portfolio</b>							
1	<b>Owned Nameplate Generation Capacity at end of year (MW)</b>	1,188.6	70.0	70.0	70.0	70.0	On January 10, 2018, Eversource completed the sale of its New Hampshire fossil fueled generation facilities. On August 26, 2018, Eversource completed the sale of its New Hampshire hydro generation assets. In 2018, Eversource completed construction of an additional 62 MW of solar capacity for a total of 70MW of solar capacity.
1.1	Coal	559.2	0.0	0.0	0.0	0.0	
1.2	Natural Gas	414.0	0.0	0.0	0.0	0.0	
1.3	Nuclear	95.0	0.0	0.0	0.0	0.0	
1.4	Petroleum	0.0	0.0	0.0	0.0	0.0	
1.5	<b>Total Renewable Energy Resources</b>	120.4	70.0	70.0	70.0	70.0	Legislation passed in 2021 expands solar ownership opportunities for us in Massachusetts. As an initial step, we have proposed three projects to construct parking canopy solar generation for a total of 5MW of additional solar capacity. Eversource is also exploring development of cost- effective, company-owned solar projects in New Hampshire that will support state energy goals.
1.5.1	Biomass/Biogas	50.0	0.0	0.0	0.0	0.0	
1.5.2	Geothermal	0.0	0.0	0.0	0.0	0.0	
1.5.3	Hydroelectric	66.3	0.0	0.0	0.0	0.0	
1.5.4	Solar	4.1	70.0	70.0	70.0	70.0	
1.5.5	Wind	0.0	0.0	0.0	0.0	0.0	In May 2023, we completed a strategic review of our offshore wind assets and announced that we had agreed to sell our 50% interest in the uncommitted lease area. We also determined that it was in the best long-term interest of Eversource to advance the sale of our 50% interest in the three jointly owned contracted offshore wind projects. In early 2024 we announced execution of definitive agreements to sell our 50% interest in all three projects. In July 2024, we announced the completion of the sale of our 50% interest in the Sunrise Wind project and expect the sale of the other two projects to close in Q3 2024.
1.6	Other						
<b>Use the data organizer on the left (i.e., the plus/minus symbol) to open/close the alternative generation reporting options</b>							
2	<b>Net Generation for the data year (MWh)</b>	2,017,911	82,839	69,783			
2.1	Coal	1,276,898	0	0			
2.2	Natural Gas	67,808	0	0			
2.3	Nuclear	0	0	0			
2.4	Petroleum	160	0	0			
2.5	<b>Total Renewable Energy Resources</b>	673,045	82,839	69,783			
2.5.1	Biomass/Biogas	337,900	0	0			
2.5.2	Geothermal	0	0	0			
2.5.3	Hydroelectric	329,964					
2.5.4	Solar	5,181	82,839	69,783			
2.5.5	Wind	0	0	0			
2.6	Other	0	0	0			
<b>Use the data organizer on the left (i.e., the plus/minus symbol) to open/close the alternative generation reporting options</b>							
3	<b>Capital Expenditures and Energy Efficiency (EE)</b>						
3.1	Total Annual Capital Expenditures (nominal dollars)	\$ 1,500,000,000	\$ 3,786,000,000	\$ 4,593,000,000	\$ 4,647,000,000	\$ 4,485,000,000	<a href="#">Capital Expenditures - See Slide 14</a> The LED market was transformed. A market transformation to LEDs means that fewer customers need LED lighting incentives, decreasing both kWh savings and customer participation. As a result, beginning in 2022, funding previously allocated for residential LED incentives is now being used to support decarbonization offerings, like heat pumps. Customers who currently use electricity for heating may see reductions, whereas customer displacing fossil fuels (natural gas, fuel oil, propane, etc.) through the use of efficient electric equipment may actually increase their electrical consumption while other fuel use decreases.
3.2	Incremental Annual Electricity Savings from EE Measures (MWh)	811,624.4	430,459.4	327,635.7	268,959.4		
3.3	Incremental Annual Investment in Electric EE Programs (nominal dollars)	\$ 300,565,728	\$ 452,538,059	\$ 478,096,315	\$ 717,737,489		
4	<b>Retail Electric Customer Count (at end of year)</b>						
4.1	Commercial	376,515	389,557	391,273			
4.2	Industrial	8,279	7,201	7,076			Commercial customers include street lighting.
4.3	Residential	2,714,690	2,891,343	2,909,738			



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Emissions							
5	GHG Emissions: Carbon Dioxide (CO2) and Carbon Dioxide Equivalent (CO2e) <div>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.</div>						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)	1,450,311	0	0	0	0	If applicable, indicate the inclusion of emissions from sources <25 MW or from other sources
5.1.1.2	Total Owned Generation CO2 Emissions Intensity (MT/Net MWh)	0.719					
5.1.2	Carbon Dioxide Equivalent (CO2e)						
5.1.2.1	Total Owned Generation CO2e Emissions (MT)	1,460,058	0	0	0	0	
5.1.2.2	Total Owned Generation CO2e Emissions Intensity (MT/Net MWh)	0.724					
5.2	Purchased Power (4)						Our power purchases are not detailed by generation source.
5.2.1	Carbon Dioxide (CO2)						
5.2.1.1	Total Purchased Generation CO2 Emissions (MT)						
5.2.1.2	Total Purchased Generation CO2 Emissions Intensity (MT/Net MWh)						
5.2.2	Carbon Dioxide Equivalent (CO2e)						
5.2.2.1	Total Purchased Generation CO2e Emissions (MT)						
5.2.2.2	Total Purchased Generation CO2e Emissions Intensity (MT/Net MWh)						
5.3	Owned Generation + Purchased Power						
5.3.1	Carbon Dioxide (CO2)						
5.3.1.1	Total Owned + Purchased Generation CO2 Emissions (MT)						
5.3.1.2	Total Owned + Purchased Generation CO2 Emissions Intensity (MT/Net MWh)						
5.3.2	Carbon Dioxide Equivalent (CO2e)						
5.3.2.1	Total Owned + Purchased Generation CO2e Emissions (MT)						
5.3.2.2	Total Owned + Purchased Generation CO2e Emissions Intensity (MT/Net MWh)						
5.4	Non-Generation CO2e Emissions of Sulfur Hexafluoride (SF6) (5)						
5.4.1	Total CO2e emissions of SF6 (MT)	47,029	20,771	17,773			This leak rate based on Net MWh is not meaningful for Eversource given that its only generation consists of that from its solar generation facilities.
5.4.2	Leak rate of CO2e emissions of SF6 (MT/Net MWh)	Not Meaningful	Not Meaningful	Not Meaningful			
6	Nitrogen Oxide (NOx), Sulfur Dioxide (SO2), Mercury (Hg)						
6.1	Generation basis for calculation (6)						
6.2	Nitrogen Oxide (NOx)						
6.2.1	Total NOx Emissions (MT)						
6.2.2	Total NOx Emissions Intensity (MT/Net MWh)						
6.3	Sulfur Dioxide (SO2)						
6.3.1	Total SO2 Emissions (MT)						
6.3.2	Total SO2 Emissions Intensity (MT/Net MWh)						
6.4	Mercury (Hg)						
6.4.1	Total Hg Emissions (kg)						
6.4.2	Total Hg Emissions Intensity (kg/Net MWh)						
Use the data organizer on the left (i.e., the plus/minus symbol) to open/close the Emissions section notes							



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Resources							
7	Human Resources						
7.1	Total Number of Employees	8,842	9,625	10,177			
7.2	Percentage of Women in Total Workforce	27%	25%	25%			
7.3	Percentage of Minorities in Total Workforce	14%	21%	22%			
7.4	Total Number on Board of Directors/Trustees	14	12	12			As of May 1, 2024, there are 9 members on the Board of Directors.
7.5	Percentage of Women on Board of Directors/Trustees	14%	25%	33%			As of May 1, 2024, the percentage of women on the Board of Directors is 44%.
7.6	Percentage of Minorities on Board of Directors/Trustees	14%	33%	33%			As of May 1, 2024, the percentage of minorities on the Board of Directors is 44%.
7.7	Employee Safety Metrics						
7.7.1	Recordable Incident Rate	2.46*	2.24	1.94			*For Recordable Lost Time Incident Rate, the base year is 2015 as data for 2012 is not available.
7.7.2	Lost-time Case Rate	0.72	0.75	0.59			
7.7.3	Days Away, Restricted, and Transfer (DART) Rate	1.85	0.95	0.81			
7.7.4	Work-related Fatalities	0.00	1.00	0.00			
8	Fresh Water Resources used in Thermal Power Generation Activities						
8.1	Water Withdrawals - Consumptive (Millions of Gallons)	0.00	0.00	0.00			
8.2	Water Withdrawals - Non-Consumptive (Millions of Gallons)	0.00	0.00	0.00			
8.3	Water Withdrawals - Consumptive Rate (Millions of Gallons/Net MWh)	0.00	0.00	0.00			
8.4	Water Withdrawals - Non-Consumptive Rate (Millions of Gallons/Net MWh)	0.00	0.00	0.00			
9	Waste Products						
9.1	Amount of Hazardous Waste Manifested for Disposal (MT)	2,333*	1,529	1,547			*For Hazardous waste manifested for disposal, the base year is 2015 as data for 2012 is not available.  2023 includes available Aquarion Water Company municipal trash and recycling data.
9.2	Percent of Coal Combustion Products Beneficially Used	54%	N/A	N/A			On January 10, 2018, Eversource completed the sale of its New Hampshire fossil-fueled generation facilities.
Additional Metrics (Optional)							
Insert additional rows in this section as necessary.							



Ref. No.	Refer to the "Definitions" column for more information on each metric.	Baseline 2012	2022	2023	2024	Future Year	Definitions	Comments, Additional Information
Natural Gas Distribution								
1	<b>METHANE EMISSIONS AND MITIGATION FROM DISTRIBUTION MAINS</b>						<b><u>All methane leak sources per 98.232 (i) (1-6) are included for Distribution. Combustion sources are excluded. CO<sub>2</sub> is excluded.</u></b>	
1.1	Number of Gas Distribution Customers	487,478	888,950	894,995			Residential, commercial, industrial and electricity generating facilities are included as customers. On October 9, 2020, Eversource acquired certain assets and liabilities that comprised the NISource Inc. natural gas distribution business in Massachusetts, which was previously doing business as Columbia Gas of Massachusetts. These natural gas distribution assets were assigned to Eversource Gas Company of Massachusetts (EGMA), a wholly-owned subsidiary of Eversource formed in 2020. EGMA distributes natural gas to approximately 136,000 customers in Massachusetts.	Residential, commercial, industrial and electricity generating facilities are included as customers. On October 9, 2020, Eversource acquired certain assets and liabilities that comprised the NISource Inc. natural gas distribution business in Massachusetts, which was previously doing business as Columbia Gas of Massachusetts. These natural gas distribution assets were assigned to Eversource Gas Company of Massachusetts (EGMA), a wholly-owned subsidiary of Eversource formed in 2020. EGMA distributes natural gas to approximately 136,000 customers in Massachusetts.
1.2	Distribution Mains in Service	6,458	11,859	11,878			These metrics should include all local distribution companies (LDCs) held by the Parent Company that are above the LDC Facility revenue threshold for EPA's d51 F E R 98. "Subpart W revenue rule"	
1.2.1	Plastic (miles)	2,771	6,123	6,288				
1.2.2	Cathodically Protected Steel - Bare & Coated (miles)	2,011	4,202	4,195				Eversource's natural gas operations have zero cathodically protected bare steel in its system. All of the company's cathodically protected steel is coated.
1.2.3	Unprotected Steel - Bare & Coated (miles)	865	719	656				
1.2.4	Cast Iron / Wrought Iron - without upgrades (miles)	811	815	739			These metrics should provide the number of years remaining to take out of service, replace or upgrade cathodically unprotected 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)		CT 10 Years MA: NSTAR Gas 12 Yrs; EGMA 10 Yrs	CT 9 Years MA: NSTAR Gas 11 Yrs; EGMA 9 Yrs	CT 8 Years MA: NSTAR Gas 10 Yrs; EGMA 8 Yrs	CT 7 Years MA: NSTAR Gas 9 Yrs; EGMA 7 Yrs		
1.3.1	Unprotected Steel (Bare & Coated) (# years to complete)	See comment	See comment	See comment			Optional: # yrs by pipe type.	
1.3.2	Cast Iron / Wrought Iron (# years to complete)	See comment	See comment	See comment			Optional: # yrs by pipe type.	The Accelerated Replacement Program in Connecticut was initiated in 2011 and calls for replacing the bare steel and cast iron mains in the state's gas distribution system. The Yankee Gas program is expected to be completed in 2032. NSTAR Gas initiated its Gas System Enhancement Program (GSEP) in 2015 to replace the steel and cast iron main in its distribution system. The NSTAR Gas program is expected to be completed in 2034. EGMA is expected to complete its GSEP by 2032. These programs have been approved by each state's regulatory agency.
2	Distribution CO <sub>2</sub> e Fugitive Emissions						<b><u>Fugitive methane emissions (not CO<sub>2</sub> combustion emissions) stated as CO<sub>2</sub>e, as reported to EPA under 40 CFR 98, Subpart W, sections 98.236(a)(1)(i)(D), 98.236(i)(1)(v), and 98.236(i)(2)(v)(I). i.e., this is Subpart W methane emissions as input in row 2.2 below and converted to CO<sub>2</sub>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<sub>4</sub> input in the 2.2 (below).</u></b>	
2.1	CO <sub>2</sub> e Fugitive Methane Emissions from Gas Distribution Operations (metric tons)	209,975	221,554	205,904				
2.2	CH <sub>4</sub> Fugitive Methane Emissions from Gas Distribution Operations (metric tons)	8,399	8,862	8,236			<b><u>INPUT VALUE (total mt CH<sub>4</sub>) as explained in definition above. Subpart W input is CH<sub>4</sub> (mt).</u></b>	
2.2.1	CH <sub>4</sub> Fugitive Methane Emissions from Gas Distribution Operations (MMSCF/year)	437,447,9167	461,570,3125	428,966,6667				
2.3	Annual Natural Gas Throughput from Gas Distribution Operations in thousands of standard cubic feet (Mscf/year)	104,678,600	173,620,840	167,382,099			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(a)(9)(v), as reported on the Subpart W e-GRI 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)	99,444.67	164,939.80	159,012.99				
2.4	Fugitive Methane Emissions Rate (Percent MMscf of Methane Emissions per MMscf of Methane Throughput)	0.4398908%	0.2798417%	0.2697683%			Calculated annual metric: (MMSCF methane emissions/MMSCF methane throughput)	
Natural Gas Transmission and Storage (see Comments)								
1	<b>Onshore Natural Gas Transmission Compression Methane Emissions</b>						<b><u>All methane leak sources per 98.232 (a) (1-8), (i) (1-8), and (m) are included for Transmission and Storage. Combustion sources are excluded. CO<sub>2</sub>, and N<sub>2</sub>O are excluded.</u></b>	
1.1.1	Pneumatic Device Venting (metric tons/year)						<b><u>Fugitive Methane emissions as defined in 40 CFR 98 Sub W Section 232 (a) (1-8), CO<sub>2</sub> and N<sub>2</sub>O emissions are excluded from this section.</u></b>	Eversource is not involved in the natural gas transmission and storage segments.
1.1.2	Blowdown Vent Stacks (metric tons/year)						Value reported using calculation in 40 CFR 98 Sub W Section 236(b)(4)	
1.1.3	Transmission Storage Tanks (metric tons/year)						Value reported using calculation in 40 CFR 98 Sub W Section 236(i)(1)(ii)	
1.1.4	Flare Stack Emissions (metric tons/year)						Value reported using calculation in 40 CFR 98 Sub W Section 236(k)(2)(iv)	
1.1.5	Centrifugal Compressor Venting (metric tons/year)						Value reported using calculation in 40 CFR 98 Sub W Section 236(n)(11)	
1.1.6	Reciprocating Compressor Venting (metric tons/year)						Value reported using calculation in 40 CFR 98 Sub W Section 236(o)(2)(ii)(D)(2)	
1.1.7	Equipment leaks from valves, connectors, open ended lines, pressure relief valves, and meters (metric tons/year)						Value reported using calculation in 40 CFR 98 Sub W Section 236(p)(2)(ii)(D)(2)	
1.1.8	Other Leaks (metric tons/year)						Value reported using calculation in 40 CFR 98 Sub W Section 236(q)(2)(iv)	
1.2	Total Transmission Compression Methane Emissions (metric tons/year)							
1.3	Total Transmission Compression Methane Emissions (CO <sub>2</sub> e/year)							
1.4	Total Transmission Compression Methane Emissions (Mscf/year)						Density of Methane = 0.0192 kg/lb3 per 40 CFR Sub W EQ. W-36	
2	<b>Underground Natural Gas Storage Methane Emissions</b>						<b><u>Fugitive Methane emissions as defined in 40 CFR 98 Sub W Section 232 (f) (1-8), CO<sub>2</sub> and N<sub>2</sub>O emissions are excluded from this section.</u></b>	
2.1	Pneumatic Device Venting (metric tons/year)						Value reported using calculation in 40 CFR 98 Sub W Section 236(b)(4)	
2.1.2	Flare Stack Emissions (metric tons/year)						Value reported using calculation in 40 CFR 98 Sub W Section 236(n)(11)	
2.1.3	Centrifugal Compressor Venting (metric tons/year)						Value reported using calculation in 40 CFR 98 Sub W Section 236(o)(2)(ii)(D)(2)	
2.1.4	Reciprocating Compressor Venting (metric tons/year)						Value reported using calculation in 40 CFR 98 Sub W Section 236(p)(2)(ii)(D)(2)	
2.1.5	Equipment leaks from valves, connectors, open ended lines, pressure relief valves, and meters (metric tons/year)						Value reported using calculation in 40 CFR 98 Sub W Section 236(q)(2)(iv)	
2.1.6	Other Equipment Leaks (metric tons/year)						Value reported using calculation in 40 CFR 98 Sub W Section 236(q)(2)(iv)	
2.1.7	Equipment leaks from valves, connectors, open-ended lines, and pressure relief valves associated with storage wellheads (metric tons/year)						Value reported using calculation in 40 CFR 98 Sub W Section 236(q)(2)(iv)	
2.1.8	Other equipment leaks from components associated with storage wellheads (metric tons/year)						Value reported using calculation in 40 CFR 98 Sub W Section 232(q)(2)(iv)	
2.2	Total Storage Compression Methane Emissions (metric tons/year)							
2.3	Total Storage Compression Methane Emissions (CO <sub>2</sub> e/year)							
2.4	Total Storage Compression Methane Emissions (Mscf/year)						Density of Methane = 0.0192 kg/lb3 per 40 CFR Sub W EQ. W-36	
3	<b>Onshore Natural Gas Transmission Pipeline Blowdowns</b>						<b><u>Blowdown vent stacks for onshore transmission pipeline as defined in 40 CFR 98 Sub W Section 232 (m), CO<sub>2</sub> and N<sub>2</sub>O emissions are excluded from this section.</u></b>	
3.1	Transmission Pipeline Blowdown Vent Stacks (metric tons/year)						Value reported using calculation in 40 CFR 98 Sub W Section 232(i)(3)(ii)	
3.2	Transmission Pipeline Blowdown Vent Stacks (CO <sub>2</sub> e/year)							
3.3	Transmission Pipeline Blowdown Vent Stacks (Mscf/year)							



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