

EnerSys CY2024 Environmental Data



Since establishing our Sustainability Team in 2020, EnerSys has published annual calendar year data as part of our commitment to transparency, accountability, and continuous improvement for our customers, employees, investors, and other stakeholders. These disclosures also demonstrate the positive steps we have taken on our journey to achieve net carbon neutrality—by 2040 for Scope 1 greenhouse gas emissions and by 2050 for Scope 2 emissions.

In response to evolving global sustainability reporting standards, including the European Sustainability Reporting Standards (ESRS), EnerSys is transitioning from a calendar year to a fiscal year reporting cycle. We plan to publish our FY25 sustainability data, aligned with the European Union's Corporate Sustainability Reporting Directive's ESRS, in the Q3 FY26. To maintain transparency during this transition, we are sharing our CY24 data below to bridge the gap between reporting cycles.

Aligned with internationally recognized reporting standards, the table below is intended to provide quantitative information covering the calendar years, 2019, 2020, 2021, 2022, 2023 and 2024. This table presents key environmental data covering EnerSys globally. The scope includes manufacturing, warehouse, service and distribution centers, offices and other facilities, both owned and leased, totaling around 180 locations.

The data was gathered by the EnerSys Sustainability Team using the Tracera platform. Greenhouse gas data covers Scope 1 and Scope 2 emissions, based on measured utility data. Where utility data was not available, estimates were made in alignment with Greenhouse Gas Protocol standards. Global warming potential and emissions factor conversions are based on the latest guidance from:

- International Energy Agency (IEA)
- The Climate Registry - DEFRA
- IPCC Fourth Assessment Report (AR4 -100 year)

EnerSys Environmental Data CY2024

Metric ¹	Unit	CY2019	CY2020	CY2021	CY2022	CY2023	CY2024
Total Energy Consumed ²	Thousand GJ	2,794	2,735	2,779	2,738	2,585	2,505
Non-renewable energy consumed ³	Thousand GJ	2,779	2,721	2,762	2,720	2,572	2,493
% of total non-renewable energy ³	%	99.5%	99.5%	99.4%	99.3%	99.5%	99.5%
Renewable energy consumed	GJ	15,215	14,377	16,949	18,158	13,361	12,081
% of energy from the grid	%	>99.9%	>99.9%	>99.9%	>99.9%	>99.9%	>99.9%
% of total renewable energy	%	0.5%	0.5%	0.6%	0.7%	0.5%	0.5%
Solar	GJ	462	592	836	174	448	1,476
Wind	GJ	8,739	8,282	10,423	n/a	2,152	2,132
Biofuel/Biomass	GJ	3,157	2,875	2,890	n/a	717	1,389
Other ⁴	GJ	2,856	2,628	2,890	17,984	10,043	8,473
Electric power consumed (non-renewable)	Thousand GJ	1,556	1,578	1,756	1,761	1,611	1,592
Scope 1 (Direct)	Tonnes CO ₂ e	67,023	64,891	55,951	52,809	51,210	48,803
Scope 2 (Indirect) Location-based ⁵	Tonnes CO ₂ e	208,352	220,556	238,245	226,197	224,890	210,438
GHG Scope 1 & 2 emissions per million USD\$ net sales	Tonnes CO ₂ e	88.8	97.9	90.1	83.1	75.4	73.0
GHG Scope 1 & 2 emissions per MWh of energy storage produced	Tonnes CO ₂ e	n/a	n/a	22.6	20.8	22.3	21.2
Hazardous air pollutant emissions ⁶	Tons	1.38	0.939	0.917	0.942	0.825	0.96
Hazardous waste generated ⁷	Tons	3,886	3,370	5,013	2,386	2,473	3,240
Water use	Megaliters	985.88	925.88	1,071.28	1,057.71	920.56	963.11
Wastewater discharge ⁸⁻⁹	Megaliters	n/a	299.5	283.8	262.2	224.3	231
Water reuse total ⁹	Megaliters	n/a	n/a	25.59	849.69	802.74	1066.7
Water recycled total ⁹	Megaliters	n/a	n/a	n/a	130.94	108.82	103.26
Water reuse / recycled total ⁹	Megaliters	n/a	633.8	1071.6	980.63	911.56	1169.96
Water reuse / recycled percentage ⁹	%	n/a	212%	378%	374%	406%	506%

¹ Figures in the table below have been rounded and may therefore not fully align

² Includes electricity, natural gas, propane, coal and other petroleum fuels.

³ EnerSys does not specifically contract renewable electricity, so this figure does not account for the of renewable electricity that is de facto part of the total electricity consumed across various geographies as part of the grid. It is, however, accounted for in the total Scope 2 greenhouse gas emissions.

⁴ Certified as Hydroelectric power in Brazil

⁵ Scope 3 emissions will be calculated and reported in the FY2025 Sustainability Report which will be published in October 2025.

⁶ Pb emitted to the atmosphere per year

⁷ Shipped for disposal

⁸ Water is consumed in products as well as through evaporation.

⁹ As a percentage of discharged water. Note that a significant percentage of water recycling takes place in our Chongqing, China plant which includes cycling water in cooling towers. Like for like data not available for some values for 2019-2021.