

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	2,779	2,735	2,779	2,738	2,584	2,504
Non-renewable energy consumed	Thousand GJ	2,763	2,661	2,747	2,706	2,564	2,476
% of total non-renewable energy ³	%	99.4%	99.5%	99.4%	99.3%	99.4%	98.9%
Renewable energy consumed	GJ	15,660	14,723	16,826	18,158	14,800	27,225
% of energy from the grid	%	>99.9%	>99.9%	>99.9%	>99.9%	>99.9%	>99%
% of total renewable energy	%	0.6%	0.5%	0.6%	0.7%	0.6%	1.1%
Solar	GJ	543	675	894	174	425	1,458
Wind	GJ	9,301	9,063	10,305	n/a	2,398	2,132
Biofuel/Biomass	GJ	3,252	2,947	2,857	n/a	799	n/a
Other ⁴	GJ	2,942	2,964	2,767	18,141	11,182	8,473
Electric power consumed (non-renewable)	Thousand GJ	1,571	1,592	1,773	1,731	1,635	1,604
Scope 1 (Direct)	Tonnes CO ₂ e	66,961	64,890	55,950	52,808	51,208	48,577
Scope 2 (Indirect) Location-based ⁵	Tonnes CO ₂ e	206,800	220,557	238,246	226,197	224,685	210,418
GHG Scope 1 & 2 emissions per million USD\$ revenue	Tonnes CO ₂ e	88.5	96.7	88.7	75.5	75.3	72.8
GHG Scope 1 & 2 emissions per MWh of energy storage produced	Tonnes CO ₂ e	22.9	24.9	22.3	20.4	21.2	22.3
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	855.6	843.73	960.74	988.26	875.75	914.88
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	1,066.7
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	1,071.6	980.63	911.56	1,169.96
Water reuse / recycled percentage ⁹	%	n/a	211.60%	377.60%	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 Whereas EnerSys does not specifically contract renewable electricity, this figure does not account for the percentage 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 CY24 Scope 3 emissions will be calculated and reported at a later date.

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.