

Environmental Data

In April of 2022, EnerSys published its first full [Sustainability Report](#). Aligned with internationally recognized reporting standards noted in the Sustainability Report, this document is intended as an addendum, providing quantitative information covering the calendar years 2018, 2019, 2020 and 2021.

The table below 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 185 locations.

The data was gathered by the EnerSys Sustainability Team utilizing the [NAVEX ESG™ Environmental, Social and Governance global platform](#).

Greenhouse gas data covers Scope 1 (direct) and Scope 2 (indirect) emissions. Data is based on utility data with measurements.

When utility data were not available, estimates were made in alignment with Greenhouse Gas Protocol guidance.

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)

Aligned with our vision: “**Powering the Future – Everywhere for Everyone**” EnerSys intends to provide ongoing updates and increasingly comprehensive sustainability reporting and disclosure aligned with the expectations of our stakeholders.

TOPIC	METRIC	UNIT	CY 2018	CY 2019	CY 2020	CY 2021
ENERGY	Total Energy Consumed ¹	Thousand GJ	2,586	2,854	2,584	2,634
	Non-renewable Energy Consumed	Thousand GJ	2,586	2,853	2,583	2,633
	% of Total Non-renewable Energy ²	%	100%	<.99.9%	<.99.9%	<.99.9%
	Renewable Energy Consumed	GJ	n/a	.86	.86	.86
	% of Total Renewable Energy	%	n/a	<.01%	<.01%	<.01%
	Solar	GJ	n/a	.86	.86	.86
	Wind	GJ	n/a	n/a	n/a	n/a
	Biofuel	GJ	n/a	n/a	n/a	n/a
	Other	GJ	n/a	n/a	n/a	n/a
	Electric Power Consumed (non-renewable)	Thousand GJ	1,496	1,562	1,574	1,749
EMISSIONS	Scope 1 (Direct)	Thousand Tons CO2e	54.6	67.9	52.9	44.0
	Scope 2 (Indirect)	Thousand Tons CO2e	231.7	212.3	223.8	243.4
	Total GHG Scope 1 & 2 ³	Thousand Tons CO2e	286.4	280.2	276.7	287.4
WASTE	Hazardous Air Pollutant (HAP) Emission ⁴	Tons	1.166	1.380	0.939	0.732
	Hazardous Waste Generated ⁵	Tons	3197	3886	3370	5013 ⁶
WATER	Water Use	Megaliters	830.9	895.9	873.9	983.2
	Wastewater Discharge ⁷	Megaliters	281.3	257.8	214.5	202.9
	Water Reuse / Recycled Total	Megaliters	16.4	23.5	24.4	25.6
	Water Reuse / Recycled Percentage	%	5.8%	9.1%	11.4%	12.6%

¹ Includes electricity, natural gas, propane, coal and other petroleum fuels.

² 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.

³ An assessment to begin measuring Scope 3 supply chain emissions is currently underway.

⁴ Pb emitted to the atmosphere per year.

⁵ Shipped for disposal.

⁶ The increase in 2021 is due to two one-time factors: In our Richmond, KY plant, for the past 3 years, there have been soil remediation activities that have resulted in large volumes of soil being sent off-site as hazardous waste. Those activities were completed in Nov. 2021, with the finalization resulting in a one-time increase in volume. The manufacturing operations in our Hagen, Germany plant were permanently closed in 2021. As part of the shutdown, more waste was generated than normal.

⁷ Water is consumed products as well as through evaporation.