

**Semtech Sustainability Data Collection - Environmental KPIs**

Semtech Corporate
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	Annual total consumption	Comment field	Reduction target	Measure-ment unit	Explanation
<b>Total energy consumption</b>	154444180	<i>Exceeded target. Reduced consumption by 0.14%</i>	1%	KWh	Total energy consumption = Electrical Energy + Other Energy. Please include all Electrical Energy (electricity) used in the factory sites for lighting, air conditioning, production process, office equipments, test spaces and labs etc. Please also include Other Energy if used. By Other energy we mean all other energy sources than electricity used in the factory. These are typically fuels (natural gas, diesel oil, LPG, propane, bio gas...) but also e.g. district heating and district cooling available in some part of the world. Other energy can be used e.g. for heating, cooling, as reserve power or to fuel some specific processes.
<b>Total greenhouse gas emissions</b>	108	<i>Met target. Reduced GHG emissions by +10%</i>	5% of planned levels	kg CO2-equivalent	Greenhouse Gas Emissions = Company total direct emission from operations that are owned or controlled by the reporting company. In addition indirect emissions from the generation of purchased or acquired electricity, steam, heating or cooling consumed by the reporting company. Semtech uses and promotes the use of CO2 calculation method provided by GHG protocol: <a href="http://www.ghgprotocol.org/">http://www.ghgprotocol.org/</a> and reporting according to Scope 1 and Scope 2
<b>Total water use</b>	15594	<i>Met target. Reduced water consumption by 2.25%</i>	1%	m3	Water use = all water used in the factory or building e.g. in the production process, in the kitchen, for sanitary purposes
<b>Total hazardous waste</b>	6013	<i>Enhanced water treatment monitoring has resulted in an increase of +26% in HW generation</i>	Sustain Hazardous Waste Disposal program. Reduce generation of Haz. Waste by 1%	kg	Hazardous waste amounts = total amount of hazardous waste generated. Hazardous waste is specified according to local legislation. May include batteries, hazardous lamps, paint, glue, solder paste, solvents etc. Generated and disposed pursuant to local, state and federal requirements.
<b>Total non-hazardous waste</b>	620	<i>Sustained disposal and reduction efforts continue. Met target.</i>	1%	kg	Non-hazardous waste amounts = total amount of non-hazardous waste generated. May include cardboard, bio-waste, paper, glass, metals, plastic, wood etc. Commonly referred to as 'recycling program'
<b>Water recycling rate</b>	0%	<i>Not measured</i>	Water recycling programs not feasible in CA. at this time.	%	Amount of water reused within the factory / Total amount of water used