

1. Greenhouse gas emissions

Parameter	2020	2019	2018
CO ₂ per module [kg]	5.68	6.16	10.05
CH ₄ per module [kg]	0	0	0

CO₂ emission factors: Natural gas 0.201kg CO₂ / kWh | Electricity mix 2018: 0.468kg CO₂ / kWh; 2019, 2020: 0.401kg CO₂ / kWh. Source: Umweltbundesamt

2. Waste disposal

Parameter	2020	2019	2018
Hazardous waste for thermal elimination per module [g]	2.4	8.8	5.8
Non-hazardous waste for energy recovery per module [g]	264	397	492
Non-hazardous waste for recycling per module [g]	668	672	974

3. Energy use & power generation

Parameter	2020	2019	2018
Use of electrical energy per module [kWh]	11.87	12.89	18.85
Use of natural gas per module [kWh] ^a	5.45	4.94	6.12
Use of fuel oil per module [kWh]	0	0	0
Power generation from our own PV systems per module [kWh]	0.32	0.32	0.44

^aMean calorific value 2018: 11.231 kWh/m³; 2019: 11.184 kWh/m³; 2020: 11.227 kWh/m³

4. Drinking water consumption

Parameter	2020	2019	2018
Drinking water consumption per module [l]	6.7	11.8	15.0