

Electricity Label 2024

This electricity label provides insight into the origin of the electricity supplied by Scholt Energy in Germany in 2024. This overview shows how our total electricity supply per product is divided between conventional and renewable energy sources.

- If you opted for the “Guarantee Green” option, you can find information about the origin of these electricity volumes in the corresponding table.
- If you do not purchase green electricity, you can find the relevant information in the ‘Remaining Energy Mix’ table

Conventional energy sources include natural gas, coal, nuclear power, and other non-renewable sources. Scholt Energy offsets its customers’ electricity consumption with Guarantees of Origin from wind and solar energy, converting it to green power.

This electricity label also shows the environmental impact of various electricity generation methods. These impacts are represented by CO₂ emissions resulting from electricity production.

Please note: this electricity label is based solely on the electricity that Scholt Energy actually supplied to customers. Green electricity from our producers that was not directly delivered to customers is therefore not included in this overview.

For more information about the Electricity Label 2024, feel free to contact us at any time.

Energy Mix Germany

Energy Sources	
Nuclear	0.0%
Coal	22.8%
Natural Gas	13.4%
Other fossil fuels	1.5%
Renewable energy with guarantees of origin, not subsidized under the EEG	11.4%
Erneuerbare Energien, gefördert nach dem EEG (EEG)	50.9%
Total	100%

Environmental consequences*
CO₂-Emissions (g/kWh): 298
Radioactive waste (g/kWh): 0,0000

* Environmental consequences

Electricity generation has an impact on the environment. This is shown by the amount of CO₂ emissions per kWh and the volume of radioactive waste produced per kWh. Biomass is considered CO₂ neutral because the amount of CO₂ released during combustion is equal to the amount previously absorbed from the atmosphere.

** Renewable Energy with Guarantees of Origin, not subsidized under the EEG

The share of Guarantees of Origin in Scholt Energy’s “Energy Mix” by country of origin is as follows: Norway 18.8%, Italy 15.8%, France 11.7%, Spain 11.2%, Portugal 10.0%, Denmark 8.5%, Finland 7.5%, Germany 5.7%, Austria 3.4%, Sweden 2.9%, Hungary 1.9%, Lithuania 1.2%, Croatia 0.9%, Czech Republic 0.3%, Luxembourg 0.1%, Estonia 0.1%.

*** Renewable Energy with Guarantees of Origin, not subsidized under the EEG

The share of Guarantees of Origin in Scholt Energy’s “ Green Electricity Guarantee Green” electricity by country of origin is as follows: Italy 18.9%, France 14.1%, Spain 13.5%, Portugal 12.0%, Denmark 10.2%, Finland 9%, Norway 4.8%, Germany 4.5%, Austria 4%, Sweden 3.4%, Hungary 2.3%, Lithuania 1.4%, Croatia 1.1%, Czech Republic 0.3%, Luxembourg 0.1%, Estonia 0.1%.

Energy Mix Scholt Energy

Energy Sources	
Nuclear	0.0%
Coal	41.9%
Natural Gas	24.3%
Other fossil fuels	2.0%
Renewable energy with guarantees of origin, not subsidized under the EEG**	31.8%
Total	100%

Environmental consequences*
CO₂-Emissions (g/kWh): 530
Radioactive waste (g/kWh): 0,00000

* Environmental consequences

Remaining Energy Mix

Energy Sources	
Nuclear	0.0%
Coal	30.2%
Natural Gas	17.5%
Other fossil fuels	1.4%
Renewable energy subsidized under the EEG (EEG)	50.9%
Total	100%

Environmental consequences*
CO₂-Emissions (g/kWh): 382
Radioactive waste (g/kWh): 0,0000

* Environmental consequences

Green Electricity Guarantee Green

Energy Sources	
Renewable energy with guarantees of origin, not subsidized under the EEG***	49.1%
Renewable energy subsidized under the EEG (EEG)	50.9%
Total	100%

Environmental consequences*
CO₂-Emissions (g/kWh): 0
Radioactive waste (g/kWh): 0

* Environmental consequences

