



# **ELECTRICITY LABEL**

## **PZEM**

**2022**

# ORIGIN OF YOUR ENERGY

The energy market is a complex world of supply, demand, and regulation. As a business consumer, you have the right to clarity about the origin of the electricity you consume. In the Netherlands, there is a transparency requirement that requires every electricity supplier to indicate where the energy comes from for each megawatt hour (MWh) they supply. To prove this, a Certificate of Origin (CvO) or Guarantee of Origin (GvO) is used.

## IN SHORT...

At PZEM, we are aware of our responsibility to reduce the CO<sub>2</sub> emissions of our energy production. We generate electricity from sources such as wind, water, and biomass. We also have the only nuclear power plant in the Netherlands, where there is no CO<sub>2</sub> emissions or other greenhouse gases released when generating electricity from nuclear energy.

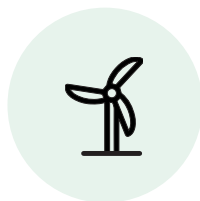
As a business consumer of PZEM, you can always see where your electricity comes from. This is clearly stated on the electricity label that we publish every year. When we supply electricity in combination with CvO's, we choose CO<sub>2</sub>-free nuclear power generation as much as possible.

## ORIGIN



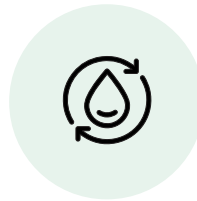
**Nuclear**  
**80.84%**

Generated through the Borssele nuclear power plant.



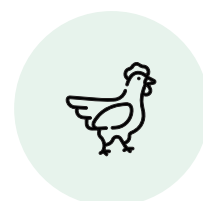
**Wind**  
**13.92%**

Purchase through a number of large and small wind farms.



**Water**  
**4.97%**

Purchase of cogeneration plants in Norway, Italy and Germany.



**Biomass**  
**0.27%**

Mainly generated through the biomass plant in Moerdijk.

# ELECTRICITY LABEL

## Fuel mix

PZEM

■ Nuclear	80.84%
■ Renewable energy	19.16%
■ Natural gas	0.0%
■ Coal	0.0%
<b>Total</b>	<b>100%</b>
<b>Renewable sources</b>	
🌬 Wind	13.92%
💧 Water	4.97%
🌾 Biomass	0.27%

## Environmental consequences

CO<sub>2</sub>-emissions (g/kWh)

**0.0**

Nuclear waste (g/kWh)

**0.00243**

For more information about the electricity label, go to [PZEM.nl/electricity-label](https://pzem.nl/electricity-label).

## HOW DOES A CVO WORK?

View the infographic on how a CvO works, in which the process from generation to obtaining a CvO is explained.

▶ [View infographic CvO](#)



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