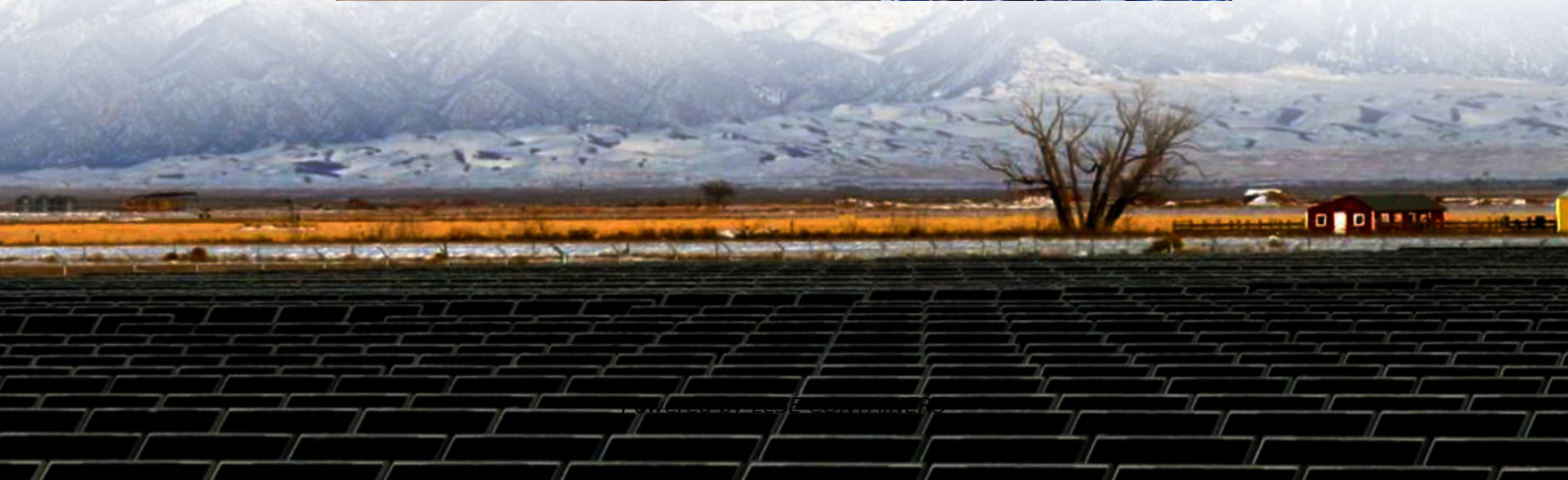


Solar and wind power generation system in Amsterdam





Overview

Why is wind energy important in the Netherlands?

The Dutch government's climate plans state that by 2030 at least 27 percent of the energy must come from sustainable sources and that our energy supply has to be CO₂-free by 2050. Wind energy, both on land and at sea, plays an important role in achieving these goals. Read more about wind energy in the Netherlands below.

What are wind and large-scale solar capacity targets for the Netherlands?

Wind and large-scale solar capacity targets for the Netherlands in 2030 are based on climate policies and ambitions as set out by the the “Klimaat- en energieverkenning” (KEV) 2022 and the Coalition Agreement. Accordingly, we adopt the capacity targets as set in the National Plan Energie System (see more here).

What does the National Energy System plan mean for the Netherlands?

The Netherlands’ National Energy System Plan aims for electricity supply to grow four-fold by 2050. This means greater deployment of renewables will be required, building on the country’s leadership in solar PV and wind power.

How many mw can a wind turbine supply in the Netherlands?

Onshore wind turbines must be able to supply 6,000 megawatts (MW) of energy by 2020. According to the Dutch government’s energy agreement for sustainable growth, each province accounts for part of this; At the end of 2018, the capacity of usable onshore wind energy in the Netherlands was 3,382 MW. An average wind turbine provides about 3.5 MW.



Solar and wind power generation system in Amsterdam



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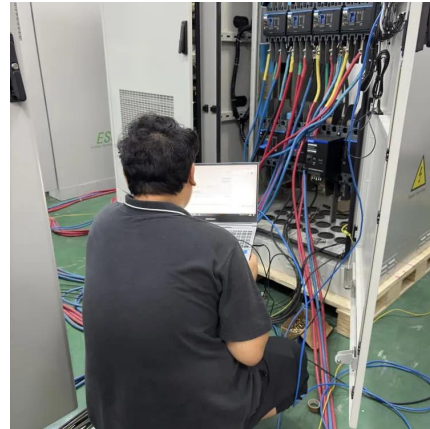
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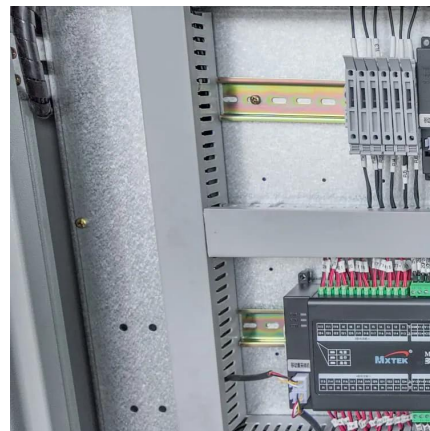
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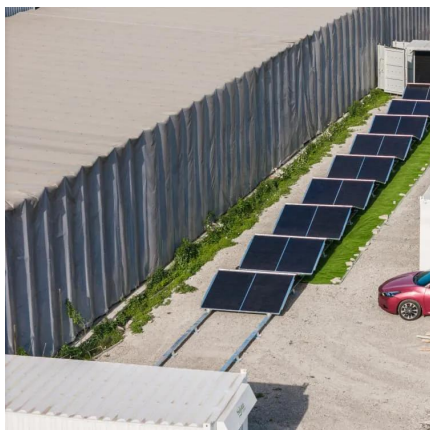
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