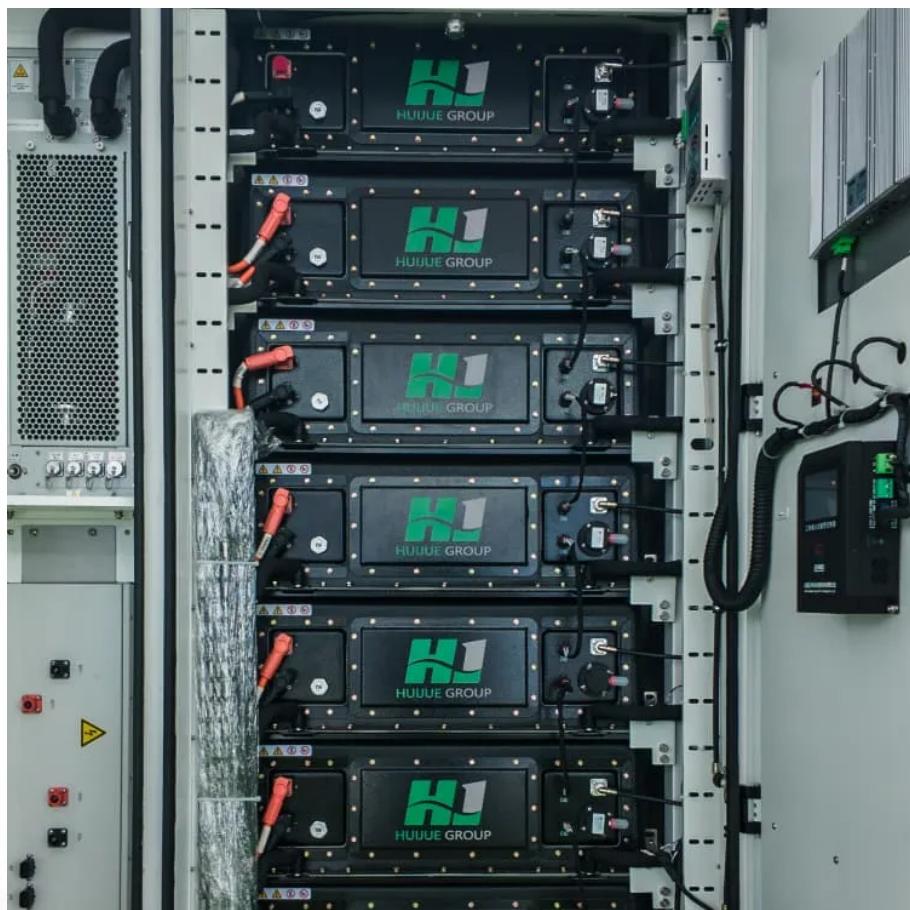




LLSE CONTAINERS

The small power station also has wind turbines





Overview

How does a small wind energy system work?

The key feature of a small wind energy system is the wind turbine. The turbine uses the energy of motion (kinetic energy) from the wind to turn a shaft, thus making mechanical energy. This shaft is attached to a generator. The resulting spin within the generator makes electricity. A wind turbine thus operates the opposite way of a fan.

What is wind power?

Wind power is a form of energy conversion in which turbines convert the kinetic energy of wind into mechanical or electrical energy that can be used for power. Wind power is considered a form of renewable energy. Modern commercial wind turbines produce electricity by using rotational energy to drive a generator.

What is a small wind turbine?

Small wind turbines are more than just practical energy solutions; they carry a unique blend of functionality and beauty, turning renewable energy into an experience that is both rewarding and inspiring.

Can a small wind energy system be connected to a larger grid?

Nearly all small wind energy systems installed today are (or can be) safely connected to the larger power grid. This allows you to take electricity from the grid when your system cannot supply all your power needs, or to possibly supply excess power to the grid, typically earning wholesale rates for excess power.



The small power station also has wind turbines



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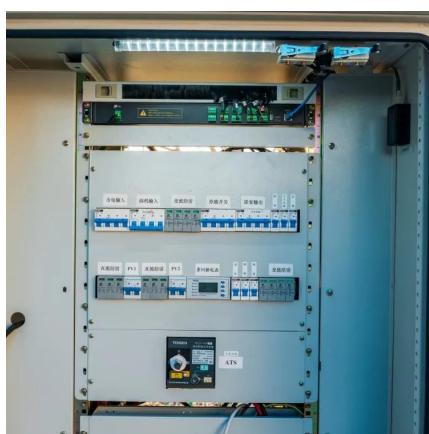


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