

A wind power plant will use a step-up transformer to increase the voltage (thus reducing the required current), which decreases the power losses that happen when transmitting large amounts of current over long distances with ...

Small-scale wind power is the name given to wind generation systems with the capacity to produce up to 50 kW of electrical power. [104] Isolated communities, that may otherwise rely on diesel generators, may use wind turbines as an ...

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A wind turbine, also known as a wind generator, is a device that uses the power of the wind to generate electricity. When several wind turbines are grouped together in the same place, a wind farm is formed.

Each wind farm is autonomously connected to the electric grid and takes up a very small amount of land in proportion to its renewable energy production capacity. Read all about the wind turbine: what it is, the types, how it works, its ...

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