

Generate electricity when the wind blows



Overview

Wind turbines work on a simple principle: instead of using electricity to make wind—like a fan—wind turbines use wind to make electricity. Wind turns the propeller-like blades of a turbine around a rotor, which spins a generator, which creates electricity.



Article Content

generate

gen•er•ate /'dʒɛnə,reɪt/ v. [~ + object], -at•ed, -at•ing. to bring into existence; produce; originate: to generate ideas. to create by a natural or chemical process: They used the waterfalls to generate

How is electricity generated using wind?

How does wind produce energy? It's a fairly simple process: When the wind blows, the turbine's blades spin which captures energy. This energy is then sent

generate verb

Definition of generate verb in Oxford Advanced Learner's Dictionary. Meaning, pronunciation, picture, example sentences, grammar, usage notes, synonyms and more.

How Is Electricity Generated By Wind Turbines?

Wind turbines convert the kinetic energy of the wind into usable electricity through a process involving blades, a generator, and sophisticated

Electricity generation from wind

Wind turbines use blades to collect the wind's kinetic energy. Wind flows over the blades creating lift (similar to the effect on airplane wings), which causes the blades to turn. The blades are

GENERATE Definition & Meaning

The meaning of GENERATE is to bring into existence. How to use generate in a sentence.

GENERATE Definition & Meaning | Dictionary

GENERATE definition: to bring into existence; cause to be; produce. See examples of generate used in a sentence.

How Do Wind Turbines Work?

Wind turbines work on a simple principle: instead of using electricity to make wind—like a fan—wind turbines use wind to make electricity. Wind turns the propeller-like blades of a turbine around a rotor,

Generate

1. to bring into existence; originate; produce: to generate ideas. 2. to create by a natural or chemical process: to generate heat. 3. to be a source or cause of; inspire: to generate enthusiasm. 4. to

GENERATE | English meaning

GENERATE definition: 1. to cause something to exist: 2. to produce energy in a particular form: 3. to cause something. Learn more.

Generate Definition & Meaning | YourDictionary

To originate or produce by a physical, chemical, mechanical, electronic, or mathematical process. To generate electricity, software that generates graphs.

GENERATE definition and meaning | Collins English Dictionary

To generate a form of energy or power means to produce it. The estate uses solar panels and wind turbines to generate power. [VERB noun]

Generate Definition & Meaning | Britannica Dictionary

We hope to generate some new ideas at the meeting. His theories have generated a great deal of interest among other scientists. Her comments have generated a good deal of

generate

generate (third-person singular simple present generates, present participle generating, simple past and past participle generated) (transitive) To bring into being; give rise to.

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