

Are Wind Turbines Too Big?

Modern turbines with taller towers are able to capture higher wind speeds and thus provide power for more homes. 1 wind turbine can generate enough electricity to power the equivalent of about 600 homes.

A typical modern scale wind turbine is about 600 feet tall

One wind turbine can generate about 7,200 megawatt hours per year.
(For 20 years!)

Each home requires about 12 megawatt hours of electricity every year.

That is 1 home.
(There are 600 homes all along this border.)

600 foot turbine Electricity for 600 homes

So, while coincidental, for about every foot tall a wind turbine is, enough electricity is generated to power an average home for a year.

1 Foot

(Yes, this is one of the 600 homes.)

1 Home