

Fact 10:

There are 174 million transmission lines and almost 50 million communication towers in the world today. Wind turbines account for only 0.04 million of these soaring structures.



For more information about wind energy and how your community could benefit, visit the following links:

www.aire-nc.org

www.appvoices.org

www.windustry.com

www.ifnotwind.org

www.awea.org



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Ten Facts You Should Know About Wind Energy



Appalachian Institute
for Renewable Energy

Fact 1:

Wind energy provides the lowest cost of any new energy form in today's market. Another plus to the low cost of wind energy is that it will never be subject to increases in fuel prices.

Fact 4:

The same improvements that make wind energy safer, also make it quieter. Modern turbines are no louder than your home refrigerator.

Fact 7:

In areas such as Western North Carolina where there is a quality wind resource, a single story turbine can generate enough energy to power 600 homes per year.

Breeze into a better future.

Fact 2:

Wind energy is extremely reliable. It is a myth that turbines will need to be backed up by conventional generation. It is important to remember that NO source of energy is 100% reliable.

Fact 3:

Advances in technology have made wind energy exceptionally safe. Turbines are safe enough to operate near schools or in dense urban areas. The same cannot be said for nuclear power plants.

Fact 5:

Wind energy poses a minimal threat to birds and wildlife. Pollution from conventional fuels and other human development can have a far greater impact on the environment.

Fact 6:

There is no evidence that wind energy decreases surrounding property values. A 2003 study by the Renewable Energy Policy Project found that properties within view of wind development sites actually rose faster than others in the region.

Fact 8:

The cost of wind energy can vary depending on wind speed and project size but is typically somewhere between 2-5 cents/kWh.

Fact 9:

Wind energy is more efficient than both coal and nuclear energy. It is generated from a natural renewable source that does not come with social or environmental drawbacks.

