

Green Power-Wind

By K, R, S, L, E, O and D

Definition-K

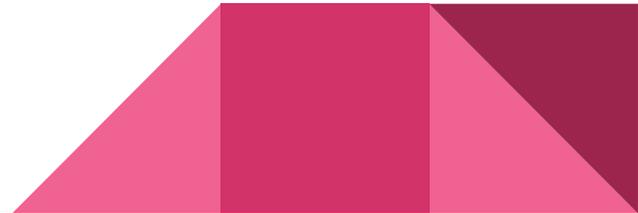
Wind Power is made by the winds energy. You get by capturing the winds energy with the fan of a windmill/ wind turbine. When the fan spins, it will generate a motor and create energy. Wind Power is a reusable energy source, which means that it can be used over and over and over again, and it goes in forever. Since Wind Power is reusable, it is much better for the Earth, because we are not using up resources that we can't ever get back until thousands of years have passed. Read on to find out more.



Benefits-K

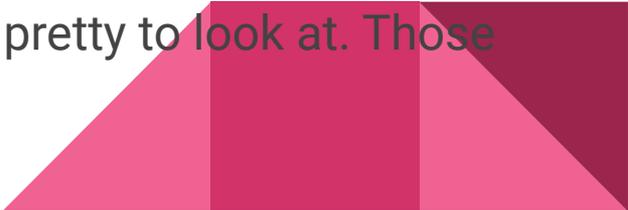
There are many benefits of Wind Power. It is a reusable energy which means that you can use it over and over again, until the Earth blows up.

They are also great because they don't take up very much property. A farmer can easily build many wind turbines on their property, and still have room for lots of other things, or loads and loads of turbines. It might cost a lot to build turbines, but it costs very little to operate them. They also last for about 20-25 years, so wouldn't that be worth it?



Drawbacks-R

Though there are many benefits to Wind energy, there are many disadvantages to it. Some that live near them say they often get headaches; the frequency of noise that the Turbines emits can do so. Birds can be killed if they fly into the range of the spinning blades. Bird migration patterns can also be disrupted by these Turbines, causing bird populations in the area to seriously decline over a period of time if nothing is done to prevent it. Not to mention the wind can be inconsistent. As you can imagine, there definitely isn't wind outside every day. So how can Wind Turbines produce power every day? And, they are expensive. REALLY expensive. Also, you can probably understand why people might not like them. It's literally a massive, spinning white stick in the ground that isn't very pretty to look at. Those are some drawbacks of the Renewable Wind Energy.



How Is This Energy Source Used In Canada? -L

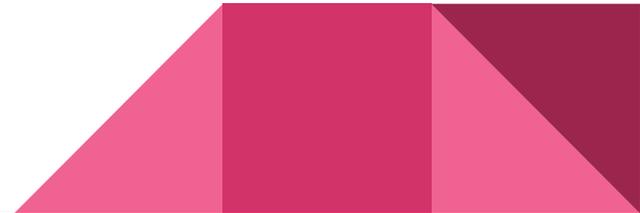
This source is used to provide power to the turbines. The wind spins the turbines and the spin of the turbine makes the electricity then the electricity powers up our homes and offices.



How Could This Energy Source Be Used In The Future?-

By 2022 the International Energy Agency expects offshore wind generation capacity will almost triple from 2016 levels.

The Wind Vision Reports show that wind can be an useful source of renewable electricity in all 50 states by 2050. Wind energy supports a strong supply chain. Wind has the potential to support over 600,000 jobs in manufacturing, installation, maintenance and supporting services by 2050.



Sources Of Information-D

https://openei.org/wiki/Wind_energy#:~:text=Wind%20energy%20is%20a%20form%20the%20wind%20into%20mechanical%20power.&text=Mechanical%20power%20can%20also%20be,tasks%20such%20as%20pumping%20water.

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The background is a solid pink color. In the top right corner, there is a decorative graphic consisting of several overlapping geometric shapes: a dark pink square, a medium pink square, and a light pink square, all partially cut off by the edge of the frame.

Thank You!