



# A Green-Powered Canada

Name \_\_\_\_\_

## Worksheet

Date \_\_\_\_\_

<b>Energy source</b> Wind Energy	
<b>Type of resource (circle one)</b> <span style="border: 2px solid green; border-radius: 10px; padding: 2px;">Renewable</span> Non-renewable	
<b>Definition</b> wind power or wind energy is the use to power mechanical or electrical generators, to give us power, It is also one of the most environmental friendly, compared to burning fossils.	
<b>Benefits</b> Cheap Clean Renewable It can be created in most places Creates a lot of jobs	<b>Drawbacks</b> Wind isn't consistently generated Unsafe Reduces local bird population Needs a lot of land to set up a turbine field Very loud and disturbs people in the area
<b>How is this energy source being used in Canada?</b> <p>Currently it is powering more than 3 million homes in Canada! There are 303 wind turbines spread across all of Canada and still more being created now. There are many wind energy -&gt; electricity converters all over the country as well. It is very good, since it generates 5 million kilo watts per plant (per year).</p>	
<b>What role could this energy source have in the future?</b> <p>This will be a great energy source in the future, because wind will always exist and it is renewable. It can already power many homes, so in the future, technology might be researched enough to power electric cars, and maybe even planes someday. This will make the world a much cleaner place.</p>	
<b>Provide two reliable sources for people who would like to learn more about this energy source:</b> <p><a href="https://www.nationalgeographic.com/science/earth/earths-atmosphere/wind/#close">https://www.nationalgeographic.com/science/earth/earths-atmosphere/wind/#close</a>          from <a href="https://en.wikipedia.org/wiki/Wind_power">https://en.wikipedia.org/wiki/Wind_power</a></p>	

