

SHOULD WE USE MORE WIND ENERGY IN IRELAND TODAY

INTRO

The topic I have chosen to research is wind energy and my question is 'SHOULD WE USE MORE WIND ENERGY IN IRELAND TODAY?'

WHY WE SHOULDN'T

Technology Student says wind is not a reliable source because wind isn't consistent on the amount of energy it produces because wind can fluctuate on it's strength. I think this is a reliable source because it says information about technology for students and teachers to have a greater understanding and teaching of technology and I have also cross-

1. Chooses an interesting topic and research question.

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referenced with other websites which all say very similar things. Some people have the opinion that the countryside should be left untouched because it takes away from the natural beauty of the landscapes if there are wind turbines there. Clean-Energy-Ideas says wind turbines are also really noisy and each wind turbine can generate the same amount of noise as a family car which is travelling at 70 mph, and in wind farms it can get very noisy. I think this is a reliable source because wind turbines are noisy and this website is a giant encyclopaedia on energy run by a group of journalists. In the manufacturing of wind turbines some pollution is emitted which makes them not 100% clean. IAnswer4U says large wind farms will be needed as the most powerful wind turbine at its full strength has only enough energy to power 475 homes. That would mean 210 wind turbines would be

2. Mentions in passing
the impact on the
environment

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needed to power a town of 100,000 people. I think this could be a little biased because judging by the name it is run by one person who could be biased.

WHY WE SHOULD

Clean-Energy-Ireland says wind is free and with the technology we own today we can easily capture it and use it for our benefit and wind is also renewable so we will never run out of it. I think this is true and I agree with this we should be taking more advantage of wind energy and any other renewable energy for that matter and I also don't think this is bias because this website is a giant encyclopaedia run by a group of journalists. Once the wind turbines are produced they don't produce any greenhouse gasses or any other dangerous pollutants. IAnswer4U says wind turbines don't take up much room on

3. Gives some consideration to the reliability and quality of the sources.

4. Presents the information in a structured way

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the ground allowing farming to still take place at the base and other activities especially in rural areas. I think this is not biased even though judging by the name of the website it seems to be run by one person who could very well be biased. Even though some people think they don't look nice some people think they are a spectacle to look at and an interesting feature of the landscape and you know what they say 'you can't please everyone'. People who live in rural areas like on farms and are not connected to the electrical grid could use wind turbines to get their own energy to power their home. TechnologyStudent.com says wind turbines are available to buy by anyone who wants to take advantage of wind energy for themselves and they are available in all different shapes sizes and power levels which

5. Provides information on different sides of the argument.

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could be useful for anyone not connected to the power grid especially in rural parts of Ireland. I think this is true and not biased because wind energy could be used to benefit farmers and other people who live in rural parts of the world not just in Ireland. Wind turbines will have a huge role to play in the future of our energy consumption here in Ireland in the near future.

MY OPINION

After researching this topic for a while I have sided with the opinion that we should use more wind energy because fossil fuels won't last forever and we need to find a more sustainable source or we are in trouble. That is why we need to start now. In Ireland today 21% of our energy is Renewable and 79% is Non-Renewable energy, as you can tell this is not good and we don't use enough wind

6. Gives a personal opinion informed by research with some explanation.

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energy and we use way too much fossil fuels. Wind turbines do produce little amounts of pollution when being made but that little bit of pollution is far less than what fossil fuel plants which produce tons and tons of pollution everyday so the pros highly outweigh the cons, but I will say that we need to use more than just wind energy because what if there is a sunny day with no wind we could use a combination of wind, solar and hydroelectric energy. But I feel wind energy will play a huge part in our future of energy production for our homes.

To help me with the research I used these books and websites.

1. TechnologyStudent.com
2. Nature of Science Book
3. Clean-Energy-Ideas
4. Energy Informative.org
5. Power World Analysis
6. IAnswer4U.com

7. Finds some useful sources of information about the topic and gives some references..

