The benefits of wind power(with supportive data)

Wind power reduces CO2 emissions from power generation by displacing fossil fuel electricity from the market. Wind is a renewable and emission-free energy that is used almost unlimitedly. According to LUT research, an onshore wind farm is the most economical way to generate electricity. The environmental impact of wind power can be significantly reduced by appropriate location of wind power plants (Xie & Billinton,2011).Almost 80% of the raw materials used in the wind farm can be recycled. Significantly more wind power can be built without the need for additional control force. A wind farm generates more energy in 3 to 9 months than it takes to manufacture, transport, erect and dismantle it (European Wind Energy Association, 2017).The main objective of supporting renewable energies is to encourage technological development and lower costs for environmental technologies. The aim is to achieve a price level for wind power that is ultimately competitive on the electricity market without subsidies.

Arguments against wind energy (with supportive data)

Wind turbines need regulating power: they can only produce electricity at the right wind speed, so we need other sources of power in addition to wind power. Wind power's own carbon dioxide emissions are approximately 10 g / kWh and are mainly due to emissions from the construction, assembly, transportation and maintenance of wind power (Charron, 2005). Like all energy production, wind power has negative environmental effects. These include e.g. environmental, visual and acoustic hazards. The wind power support system has come at a cost. The construction of a wind installation requires material costs. In some cases, regional investments are attracted, which is not always easy to provide. It is the starting stage, the construction of the project itself is a very expensive event. The infrastructure mentioned above is an important part of the project, which also costs money.

I will support wind energy in my community because secure environment is more important than the cost of wind energy. There are some hazards associated with this energy type but the rapidly increasing need for energy and the simultaneous need to slow down global warming are a challenge that we must meet. Renewable energy sources, such as wind power, play an important role in meeting this challenge.

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