

Ratna Malkan

Junior Division Energy & Transportation

Wind Energy Or Coal Energy: Which Is better For Lamar?

This project is about which type of energy is better to generate electricity. This project is interesting because Lamar has both wind and coal and I would like to see which is better. I hypothesize that wind energy is better for Lamar because the turbines don't produce pollution and wind will never be extinct. Wind and its materials are all cheaper than coal. First, I need to find the cost of generating electricity with wind and coal energy and put the information in Excel spreadsheet and compare graphs. Then, I need to find the effects that each have on the environment. After performing my experiment, I learned that wind energy is better to generate electricity. Wind doesn't produce pollution, doesn't harm the environment, and is cheaper than coal. My hypothesis was correct because wind is cheaper, less polluting and won't become extinct. Wind has many more advantages than coal. Coal is more dangerous than wind because of going underground to get coal and there are many accidents where people lose their lives. These results mean that wind is better.