

Dear Future Scientist,

Most of the electricity that we produce is generated by burning coal. Not only is this source nonrenewable, but it also releases greenhouse gases and contributes to global warming. Therefore, the Department of Energy (DOE) is leading the initiative to bring our country into a new era where we power our society with the nearly limitless potential of the wind. The DOE is offering a grant of \$50 million to the community that shows, with solid scientific evidence, that it can be a leader in this important transition.

As a scientific advisor to the DOE, you will be travelling to Argonne National Laboratory to perform research relating to wind energy. There you will have access to state of the art facilities and tackle some of the most important questions relating to wind energy. Upon your return, the DOE review board wants to hear your recommendations so that they may make an informed decision when awarding the grant.

This is a complex situation. While at Argonne, be sure to collect as much scientific data as possible and consult your fellow scientists. Here are some important things to consider for each state:

- Availability of wind
- Electricity infrastructure
- Population centers (where do most people live)

This grant is a large amount of money. The Department of Energy is counting on your expert opinion to create a better future.

Sincerely,

Meridith Bruozas
Manager, Educational Programs
Argonne National Laboratory