

2007 ENVIROTHON ORAL TOPIC

Renewable Energy

The Team Oral Competition:

The oral presentation segment contains twice as many points as the individual testing stations. Maps and other visuals shall be no larger than 22" x 28" on poster or tag board or equivalent material. There is no access to electronic media. All five members of the team must verbally participate in the oral presentation. Your team will have ten minutes to present your plan.

You may cite outside reference materials and sources. The score sheet to be used by the judges is attached.

Energy in Wisconsin

Middle class Wisconsin families are getting squeezed by the high price of energy, and it's time for a new national energy policy. Our country's energy crisis presents a great opportunity for Wisconsin to lead the way to energy independence. That's why in July, I announced our state's "Declaration of Energy Independence," my plan for Wisconsin to generate 25 percent of our electricity and 25 percent of our transportation fuel from renewable sources by 2025. We're also working to capture 10 percent of the total market share of renewable energy production by 2030, helping our state create jobs, grow its economy, and kick our addiction to foreign fossil fuels.

– Wisconsin Governor Jim Doyle, 2006 Wisconsin Energy Statistics

Your project:

The state would like to set an example for business and residential homes by using renewable energy and cutting their consumption of nonrenewable energy resources.

Hypothetically, you are on the University Sustainability Committee for the campus. The Governor has made an announcement that your campus will run on 100% renewable energy in five years. It is your responsibility to make a plan for how this will be accomplished.

In your presentation you will want to:

- Address the biggest challenges of converting the campus and having the campus use 100% renewable energy.
- Identify the organizations on and off campus who you would want involved in the process.
- Develop a plan that includes using renewable energy and energy efficiency to get the campus to use 100% renewable energy in five years. Recommendations should include ideas for cost-sharing, grants, or donations from on and off campus organizations. Be sure to address environmental impacts of using the renewable energy sources.