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Sources of Information:

1. EPA Inventory of U.S. Greenhouse gas Emissions 2006.
2. Grinnell College Wind Feasibility Report (January 2006 available on FTP's website).
3. Iowa Department of Natural Resources report, *Year 2000 Iowa Greenhouse Gas Emissions Inventory*.
4. Natural Resources Defense Council website: <http://www.nrdc.org/>
5. Union of Concerned Scientists website: <http://www.ucsusa.org/>

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Grinnell's recently adopted
statement of environmental
responsibility:

"Grinnell College believes that as a liberal arts institution with a strong social commitment, we have a duty to the environment, society, and future generations to be leaders in environmental stewardship, education, and policy. Grinnell College is therefore committed to incorporating environmental responsibility into policies, decisions, and daily life on campus."

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This could be you.

What Can Grinnell Do About Global Warming?



The answer, my friend,
is blowing in the wind.

The Facts:

- Climate change is one of the greatest challenges facing our generation.
- Climate change is largely attributable to the release of greenhouse gases into the atmosphere due to human activity. The United States is responsible for one quarter of all greenhouse gas emissions worldwide [1].
- Our power plants and automobiles are the primary sources of greenhouse gas emissions in the U.S., accounting for 86% of total emissions in 2004 [1].
- In 2000, energy consumption in IA produced 21.8 million metric tons of carbon equivalent, a 28% increase from 1990 to 2000 [3].

A Convenient Solution: The Truth About Wind Power & Grinnell

- Producing energy from renewable sources is a way to significantly address climate change [5].
 - Generating our own wind power would reduce the College's carbon dioxide emissions (and other pollutants) by 14,000 tons per year [2].
- *Grinnell is currently considering constructing two 2.5 MW wind turbines to supply an average of 60% of the College's energy [2].*
 - If the wind isn't blowing, the College would acquire power from the local power grid.
- Grinnell's windy location makes wind power an economically viable option [2].
- As a progressive liberal arts institution we have committed ourselves to social and environmental responsibility. Wind turbines are a way to demonstrate that commitment.
 - Constructing turbines would place Grinnell ahead of peer institutions already committing to renewable energy.

What YOU can do:

On Friday October 6th the Trustees will be discussing wind energy.

- **Tell them Grinnell must proactively address global climate change.**
- **Urge them to commit to the construction of wind turbines:**
 - **Write them a note**
 - **Place it in boxes in the Post Office**
- Attend a "Wind Week" event to learn more:
 - Monday, October 2nd 8:00 Forum South Lounge
Renewable Energy in Iowa
 - Tuesday October 4th 8:00 ARH 102
Wind Turbines and Grinnell
 - Wednesday October 3rd 8:00 Loose Lounge
Wind Party
- Learn more online:
www.grinnell.edu/student/groups/ftp

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The power is yours!