



High School Curriculum Ideas

Writing Across the Disciplines

Connecticut customers of the public electric utilities have a new option to buy renewable-source energy. As of fall 2005, more than 3000 customers have chosen these new options. Many towns in Connecticut have taken up the challenge to get 20 % of their electricity from renewable energy sources by the year 2010 ~ the **20% by 2010 Campaign**.

Clean Energy In Connecticut

What are the Clean Energy Options for CT? Visit <http://www.ctcleanenergyoptions.com>

Is your town a member of the 20% by 2010 Campaign? Is your town a Clean Energy Community? Visit http://www.smartpwr.org/20renewable_energy.htm to see this information.

Scenario:

Your family is considering Connecticut's Clean Energy options. Research the information and write your recommendation about whether they should or should not participate in the Clean Energy Options program at this time.

1. Use the data from <http://www.ctcleanenergyoptions.com/options.htm>
Research the clean energy sources:
Green Power: <http://www.epa.gov/greenpower/whatis/renewableenergy.htm>
Hydropower: http://www.need.org/needpdf/infobook_activities/SecInfo/HydroS.pdf
Wind Power: http://www.need.org/needpdf/infobook_activities/SecInfo/WindS.pdf
Landfill Gas/Biomass: http://www.need.org/needpdf/infobook_activities/SecInfo/BiomassS.pdf
2. Research the Clean energy provider companies <http://www.ctcleanenergyoptions.com/options.htm> and the packages that they offer.
3. Find out how much each option would cost your family each month. Talk to your family about how many kilowatt hours (kWh) of electricity your home uses. The average customer of Connecticut Light & Power uses 700 kWh per month <http://www.cl-p.com/companyinfo/avgbill.asp> How does your family compare to the average? Why do you think you might be different?
4. Write your essay. Remember to do the following
 - **Taking a Position** - Did you take a clear position for or against the issue?
 - **Support** - Did you support your position with accurate information from all the source materials?
 - **Comprehensiveness** - Did you use information from each of the source materials?
 - **Organization** - Did you organize your ideas logically or effectively?
 - **Fluency** - Did you express your ideas with clarity and fluency?

Extensions

- **Marketing for Clean Energy** – After learning about Connecticut's Clean Energy Options, discuss and design ways that students can promote Clean Energy in their homes, their school and their town. Marketing campaigns might include surveys, posters, flyers, advertisements, talking with administrators and town officials, and letters to the editor.
- **Clean Energy Communities** – Learn how you can turn your town into a Clean Energy Community. Visit http://www.smartpwr.org/20renewable_energy.htm
- **Learn More about Renewables** – US Environmental Protection Agency <http://www.epa.gov/greenpower/whatis/renewableenergy.htm> and The US Energy Information Administration http://www.eia.doe.gov/emeu/states/main_ct.html offer information about renewable power and energy use in Connecticut.