

Northeast School Energy Packet Table of Contents

Project Planning & Incentives

Project Planning

Northeast CERT Renewable Energy Task List For Schools:

<http://www.cleanenergyresourceteams.org/pdf/Energy%20Task%20List.pdf>

Incentives

- **Federal** - DSIRE Federal Incentives:
<http://www.dsireusa.org/library/includes/genericfederal.cfm?currentpageid=1&search=federal&state=US&RE=1&EE=1>
- **State** - DSIRE State (Minnesota) Incentives:
<http://www.dsireusa.org/library/includes/map2.cfm?CurrentPageID=1&State=MN&RE=1&EE=1>
- **Utilities**
Minnesota Power:
http://www.dsireusa.org/library/includes/incentive2.cfm?Incentive_Code=MN12F&state=MN&CurrentPageID=1&RE=1&EE=1

Great River Energy:
http://www.dsireusa.org/library/includes/incentive2.cfm?Incentive_Code=MN17F&state=MN&CurrentPageID=1&RE=1&EE=1

Energy Efficiency

CERTs Energy Efficiency In Schools:

<http://www.cleanenergyresourceteams.org/pdf/FAQs%20energy%20efficiency%20in%20schools.pdf>

Central CERT “15 Questions You Can Ask to Improve Building Efficiency”

<http://www.cleanenergyresourceteams.org/pdf/15%20Questions2.pdf>

Crosby Case study: <http://www.cleanenergyresourceteams.org/central/CS-Crosby%20High%20School.pdf>

Swanville Case Study: <http://www.cleanenergyresourceteams.org/central/CS-Swanville%20Schools.pdf>

Forestview Case Study: <http://www.cleanenergyresourceteams.org/central/CS-Forestview%20Middle%20School.pdf>

Willmar Case Study: <http://www.cleanenergyresourceteams.org/westcentral/CS-Willmar%20School%20District.pdf>

Renewable Energy

“What to expect from your Renewable Energy Dealer,” Richard Perez, Home Power Magazine, Issue #81/ March 2001. (Handout Only)

“Solar Electric, Solar Thermal, and Small Wind Energy Dealers Located in Minnesota,” Minnesota Department of Commerce, October, 2005. (Handout Only)

CERTs Renewable Energy Production At Schools:

<http://www.cleanenergyresourceteams.org/pdf/FAQs%20energy%20production%20at%20schools.pdf>

- **Solar Resources**

“Solar Energy Incentives,” Minnesota Department of Commerce, 9/29/05 (Handout Only)

“Solar On Schools—Design Examples” (Handout Only)

Interstate Renewable Energy Council: <http://www.irecusa.org/schools/index.html>

Solarschools.com: <http://www.solarschools.com/>

North Shore Case Study: <http://www.cleanenergyresourceteams.org/northeast/CS-North%20Shore%20community%20school.pdf>

- **Wind Resources**

Proctor Case Study: <http://www.cleanenergyresourceteams.org/northeast/CS-Proctor%20Public%20School.pdf>

- **Biofuel Resources**

CERTs School Transportation Issues:

<http://www.cleanenergyresourceteams.org/pdf/FAQs%20school%20transportation%20issues.pdf>

Clean Energy Curriculums

Lesson Plans

NEED Conservation Contract: <http://www.need.org/needpdf/ConservationContract2003.pdf>

Alliance to Save Energy’s Lesson Plans for Elementary, Middle and Secondary school:

http://www.ase.org/section/_audience/educators/lessons

The Pembina Institute Environmental Education site (Canada).

http://www.pembina.org/environmental_edu.asp#fundraiser

Johnson Control’s Academy of Energy Education:

<http://www.johnsoncontrols.com/cg-education/academy.htm>

On-line Resources

<http://www.eere.energy.gov/kids/> - **Dr. E’s Energy Lab is part of US Department of Energy’s Energy Efficiency and Renewable Energy Program.** It provides general energy links as well as technology specific links for wind, solar, geothermal, alternative fuels, and energy efficiency tips.

<http://www.need.org/> - **National Energy Education Development**

NEEDs mission is to, “*promote an energy conscious and educated society by creating effective networks of students, educators, business, government and community leaders to design and deliver objective, multi-sided energy education programs.*”

One particularly helpful tool is their Energy Infobooks: <http://www.need.org/infobooks.htm> – geared for different grade levels: primary, elementary, intermediate and secondary, the books are available on a wide range of energy topics including energy resources, energy history and energy conservation. It also has a number of science fair experiments: <http://www.need.org/needpdf/Experiments.htm>.

<http://www.energyhog.org/childrens.htm> - **Energy Hog for Kids** – it’s an online video game about saving energy equipped with all the fun sounds and animation of a standard video game.

<http://www.eia.doe.gov/kids/> - **Energy Information Administration’s Kid’s Page** is equipped with numerous resources including an energy glossary, classroom activities (like grade-specific curriculum, stories, crossword puzzles and word search puzzles), energy timelines and history information.

<http://www.energyquest.ca.gov/index.html> **The Energy Quest website from the California Energy Commission** (and linked on Great River Energy’s website)

<http://www.powersouth.com/teenpower/index.html> **Teen Power website from Touchstone Energy** (and linked on Great River Energy’s website)

