

Northeast CERT Meeting Summary
Eco-Industrial Park & Solar Installation
Wednesday, March 4th, 2009
Beaver Bay Community Center: 11:30am–2:30pm
Two Harbors High School: 3:15pm–4:00pm

If you or anyone you know is interested in locating a business at the Silver Bay Eco-Industrial Park, please contact the City Administration Office at 218-226-4408

Download presentations from the event:

- [Biomass Binary Power: Efficient Co-generation on a Local Scale](#)
(2.3mb pdf) – Chuck Hartley, LHB
- [Wind Monitoring, Mapping and Economic Feasibility along NE MN's Northshore](#)
(4mb pdf) – Mike Mageau, UMN Duluth

39 people attended this event.

11:30 – Lunch was served

11:45 – Lana Fralich, City Administrator from Silver Bay, talked about their plan for an eco-industrial park. Other team members who shared their ideas and expertise included:

- Mike Mageau, UMD-Center for Sustainable Community Development spoke about wind development potential
- Andrew Klemer spoke about potential biofuel projects
- Bruce Carman, project manager and business leader, discussed the design & implementation of the project
- Chuck Hartley, energy manager with LHB, discussed biomass-binary energy projects & waste heat recovery
- Larry Carter with the Silver Bay Sanitary District will discuss how sanitary systems algae may support biofuels
- Bill Mittlefehldt and Joel Haskard, CERTs coordinators, gave an overview of statewide & regional projects

2:15 pm –Bonnie Hundrieser from Arrowhead Regional Development Commission discussed the Rural Energy Development Initiative (REDI) <http://www.swifoundation.org/redi.html>.

2:30 pm – Drove to Two Harbors

3:15 pm – Met Jamie Juenemann and Two Harbors High School Faculty and Staff @ school to check out their 2.8kW solar PV installation and hear about the system, the rationale for putting it up, and how it's now being integrated into classroom activities. Students included Sonja Peterson and Brooke Gomes. Teachers attending included Penny Juenemann, Mark Schlangen, Anthony Altieri, and Sarah Svatos, as well as School Board member Leo Babeu. Penny also shared a great website for high school teachers: <http://www.learner.org/courses/envsci/index.html>

4:00 pm – Adjourn

An article in the Two Harbors newspaper:

<http://www.twoharborsmn.com/articles/index.cfm?id=18095§ion=Columnists&columnist=Forrest%20Johnson>. The notion that a community can join the wave of sustainable energy and green technology is alive and well in Silver Bay.

Folks within city government and other community members have jumped on board the “green wave” that could see the development of an “eco-industrial park” at the site of the city-owned business park. The idea could mean that future development at the site could be powered by sustainable sources such as wind, solar, excess steam produced at the Northshore Mining power plant and biomass.

Currently, the city has partnered with the UMD Center for Sustainable Development and the Minnesota Dept. of Commerce, also in partnership through UMD, to assist Clean Energy Resource Teams (CERT) in local communities like Silver Bay.

You can see the local TV news station coverage and article here:

<http://www.northlandsnewscenter.com/news/local/40746762.html>