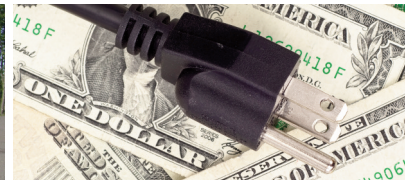




Helping Minnesota communities determine their energy future

The Clean Energy Resource Teams (CERTs) connect you and your community with resources to identify and implement energy efficiency and renewable energy projects.



Northeast CERT 2012–2013 Seed Grants

Northeast CERT awarded \$10,000 worth of seed grants, catalyzing energy efficiency and renewable energy projects across the region.

Funding is provided by the Minnesota Department of Commerce, Division of Energy Resources. Thanks to everyone who submitted a proposal. Learn more and see past projects at <http://projects.mncerts.org>.

Center for Renewable Energy Education and Demonstration – Discovering Science on the Range in the Field of Energy

Northeast Region – This cooperative effort involving the CREED Project, Hamline University’s Center for Global Environmental Education (CGEE) and the Laurentian Environmental Center (LEC), is designed specifically for high/middle school teachers wishing to update their Energy Efficiency/ Renewable energy industry knowledge and to then encourage their students to choose a future career in this field. Statewide Seed Grant funding for this project will support the equivalent of 9 teachers in Minnesota. (Energy Efficiency, Renewable Energy and Additional Technologies; \$500)



Arrowhead Economic Opportunity Agency – Home Energy Savers Program (HESP)

Virginia, MN – Home Energy Savers Program (HESP) is a home energy improvement and neighborhood revitalization program. HESP is one stop shop for residential energy efficiency upgrades available to homeowners of all incomes. The goal of this pilot project is to work with forty single family homes to reduce energy consumption through increasing energy efficiency. From start to finish, HESP will provide households with quality information, a full energy audit, a customized energy action plan detailing cost-effective measures specific to each home, assistance with rebates, attractive and accessible financing opportunities, reliable contractors and quality assurance. HESP will provide matching grant funds to low- and moderate-income homeowners to implement energy saving measures. (Energy Efficiency: Low-Cost/No-Cost Upgrades, behavior change, building envelope, lighting upgrades; Renewable Energy: Solar thermal, solar electric; Additional Technologies: geothermal; \$2,500)

University of Minnesota Duluth and Natural Resources Research Institute – Wind Turbines: Renewable Energy Education & Demonstration

Duluth, MN – The UMD campus, partnered with the Natural Resources Research Institute and in collaboration with a wind turbine start-up company, will investigate the installation of a wind turbine on campus, to use as a demonstration and education tool for students and the visiting public. Electricity generated from the turbine will contribute towards the university’s goal of reducing carbon emissions 25% by 2020. Energy generation from the turbine is expected to be between 7 MWH and 15 MWH based on data collected from two potential sites. (Renewable Energy: Wind power; \$2,500)

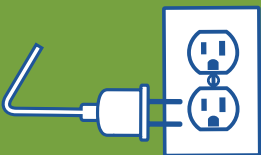
Hibbing Community College – Business Energy Retrofit Program Contractor Training

Hibbing, MN – The Business Energy Retrofit (BER) Program will provide training for local contractors in a series of 3-4 hour workshops taught by Hibbing Community College instructors and other commercial energy retrofitting experts. The training will focus on the technical elements related to commercial energy retrofitting projects that will ultimately save business owners money on their utility bills and will enhance the comfort and operation of businesses. The training will also teach contractors about rebates and incentives available to help sell energy-saving projects to their customers. (Energy Efficiency: Low-Cost/No-Cost Upgrades, behavior change, contractor training; \$2,000)

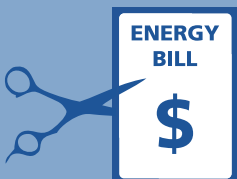
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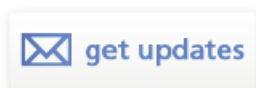
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Cook County Higher Education and Cook County Local Energy Project – Cook County Energy Education Project

Grand Marais, MN – Cook County Higher Education (CCHE) will collaborate with Cook County Local Energy Project (CCLEP) to launch the Cook County Energy Efficiency Education Project. This pilot project will include energy audits and education to increase the energy efficiency of homes in Cook County. CCHE's facility will serve as the home-energy audit demonstration site that will: 1) offer area contractors 8 CEU credits of training for Energy Efficient construction; 2) offer energy efficiency workshops for general public and CCHS students; and 3) will add ten home energy audits to the county using tools being developed by CCLEP's Residential Energy Efficiency Program (REEP) process. (Energy Efficiency: Low-Cost/No-Cost Upgrades, behavior change, building envelope, lighting upgrades, contractor training; \$2,500)

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