

## Northeast Region



### **City of Mountain Iron:**

#### **Renewable Mountain Iron Solar Assessment**

Mountain Iron, MN - Mountain Iron looks to deepen the community's solar energy commitment by identifying top opportunities and developing project concepts for their implementation. This effort will: (1) identify community-wide rooftop solar potential; (2) evaluate the viability of solar PV and develop a detailed solar PV concept, calculate annual energy generation, and develop project budgets at the top 20 solar sites; (3) conduct a site feasibility, selection, and concept design effort for a community solar project; and (4) develop a report summarizing all findings, identifying local economic development potential of solar PV development, and include a proposed solar implementation plan for City owned facilities. (\$4,750)

### **North Woods School: Solar Powered Trail Lighting**

Cook, MN - Our goal is to build a trail system and light the Field-North Woods School Forest trails with solar lights. This will allow for night time skiing and trail hiking. Our project has been in the works for four years. The school forest started out with an agreement between Field Township and ISD 2142. Our project will be shared with others through the usage of the trail system, through education and a brochure that describes the FNWSF system. (\$2,400)

### **Ecolibrium3: Healthy Homes – Healthy Neighbors Initiative**

Duluth, MN - The Healthy Homes - Healthy Neighbors Initiative is directed at building capacity in northeastern Minnesota to address housing stock conditions and resident behaviors that negatively impact the efficiency of buildings and health outcomes of residents. The holistic approach will convene cross-sector partners, jointly develop aligned energy, housing, and health assessments of properties and resident concerns, leverage funds from multiple sources to target appropriate interventions, and serve as a model for programs across Minnesota. (\$5,000)

### **Ecolibrium3: AmeriCorps Legacy Building Solar Project**

Duluth, MN - The AmeriCorps Legacy Building seeks to rewrite the narrative of unaffordable housing for community service volunteers. The inaugural cohort of Resilience Corps VISTAs will redevelop a condemned property in Duluth's lowest income neighborhood into a sustainable single-family cooperative home to provide a permanent and affordable housing option for AmeriCorps members. To demonstrate adaptive reuse of structures, a deep energy retrofit will be completed with a 3 kW solar PV system. This project will be undertaken to create a model which can be replicated as a prospective solution for other communities facing similar housing and energy challenges. (\$2,500)

## **Bois Forte Band of Chippewa: Bois Forte Weatherization Project**

Nett Lake, MN - The Bois Forte Housing Department will work with a contracted technician who will install weather stripping, caulking, and window coverings in up to 50 homes of the elderly and disabled on the Bois Forte reservation. The supplies for the weatherization will be provided by the Bois Forte Tribal Government. The project will be shared widely and the Bois Forte Housing Department will provide educational tools on weatherization throughout the duration of this grant. (\$4,350)



## **Salem Lutheran Church: LED Lighting Conversion**

Mahtowa, MN - Salem Lutheran Church, along with the neighboring community center it operates, Salem's Mahtowa Hall, are lit by approximately 202 incandescent and fluorescent bulbs. The church is seeking to reduce its carbon footprint and reduce energy use and costs while inspiring other churches, organizations, and homeowners to do the same. (\$1,000)