



# **MEEP Quarterly Report to Maine Public Utilities Commission**

## **July 1, 2008 – September 30, 2008**

### **Introduction**

This quarter, MEEP staff saw a total of 820 students and 94 teachers. Summer was a time for MEEP to try out some of their new activities, including KidWind, the Carbon Cycle Game and a hydropower demo. Of course, Electricity & the Environment was still a popular presentation. The unique set-up at summer camps allowed for more flexibility in programming. Presentations in schools got rolling earlier this year than usual, which is a testament to the importance of energy education in today's world.

### **Presentations**

#### **Energy & the Environment**

- Electricity & the Environment - 22 presentations in 14 schools/camps to 331 students (Palmer Putnam, Apple Battery, Mini Wind Turbine and PV Fan. Extension: Energy Icebreaker.)
- KidWind - 2 presentations at 2 camps to 21 students (students build their own wind turbine blades. This is usually done in conjunction with the Mini Wind Turbine activity.)
- My Light - 7 presentations in 4 schools/camps to 111 students (reading of My Light by Molly Bang, Mini Wind Turbine, PV Fan.)

#### **Climate Change**

- Climate Change 101 – 3 presentations in 2 schools to 32 students (soda bottle experiment, CO<sub>2</sub> Tag Game or CO<sub>2</sub> Board Game, testing human breath and car exhaust for CO<sub>2</sub>.)
- Climate Change 201 – 2 presentations at 1 middle school to 30 students (Climate Time Machine.)
- Climate Change 301 – 5 presentations in 3 schools/camps to 66 students (HOBO Energy Experiment, PowerPoint, Carbon Footprint. Extension: Carbon Footprint Journaling.)
- Climate Change 501 – 1 presentation to 18 high school students (Maine Plant Watch Research Project.)

## **Green Schools**

**School Energy Efficiency Audit** - 1 skills training to 16 students (PowerPoint, Kill-A-Watt, Light Meter, IR Thermometer, HOB0.)

## **Transportation & the Environment**

**Junior Solar Sprint** – 1 mini-competition over 2 days for 12 students.

**Clean Air Zone Workshop** – 1 Clean Air Zone workshop for 18 students at Pemetic Elementary School (poster-based scavenger hunt, a community mapping activity, Clean Air Game, a human graphing activity based on lung capacity, Eco-Detective skit.) The workshop was a kick-off for the school's Clean Air Zone/No-Idling Campaign.

## **Outreach**

MEEP set up interactive displays at 2 fairs/events, including the Go Green Expo in Saco and the Common Ground Fair in Unity. Between the two events, MEEP reached hundreds of children and adults. Peter also planned a community night at the local library in Cornish that included a presentation by Jack Bash entitled, "Are You Ready for Winter?"

## **Professional Development**

Beth and Stefany attended a seven-day Commercial Energy Auditing course in Brewer, put on by Efficiency Maine. One requirement of the course was to complete an energy audit of a commercial building. The building they chose was the Boys & Girls Club of Greater Gardiner, which was formerly the Pray Street School. They reviewed utility bills, did a walk-through audit and met with staff members and their electrician. A report and PowerPoint were presented to their Board of Directors on October 1<sup>st</sup>. Future plans include working with the Club's Keystone Kids on the Vending M\$ER Challenge and other action projects around the building.

## **Financial Report**

SEP: \$5,750

Matching Funds: \$24,344.77