



MEEP Quarterly Report to Maine Public Utilities Commission October 1, 2008 – December 31, 2008

Introduction

This quarter, MEEP staff saw a total of 3,375 students and 209 teachers. As expected, our classroom presentations started earlier than they have in the past. One highlight is that the School Energy Efficiency Audits and Climate Change 301 are in high demand. There have also been a large number of requests for My Light and Climate Change 101. These activities allow MEEP to reach students younger and older than our staple group of upper elementary grades. In October, MEEP welcomed Tony Sutton, the new AmeriCorps volunteer, and trained him throughout the fall.

Presentations

Energy & the Environment

- Electricity & the Environment - 59 presentations in 37 schools/camps to 1,066 students (Palmer Putnam, Apple Battery, Mini Wind Turbine and PV Fan. Extension: Energy Icebreaker.)
- Full-day Workshop - 6 workshops in 5 schools to 269 students (Energy Icebreaker, Debate, Electricity & the Environment, Jeopardy.)
- KidWind - 3 presentations at 2 schools to 100 students (students build their own wind turbine blades. This is usually done in conjunction with the Mini Wind Turbine activity.)
- My Light - 18 presentations in 7 schools/camps to 282 students (reading of My Light by Molly Bang, Mini Wind Turbine, PV Fan.)

Climate Change

- Climate Change 101 – 17 presentations in 13 schools to 290 students (soda bottle experiment, CO₂ Tag Game or CO₂ Board Game, testing human breath and car exhaust for CO₂.)
- Climate Change 201 – 2 presentations at 1 middle school to 42 students (Climate Time Machine.)
- Climate Change 301 – 27 presentations in 16 schools/camps to 526 students (HOB0 Energy Experiment, PowerPoint, Carbon Footprint. Extension: Carbon Footprint Journaling.)

Green Schools

School Energy Efficiency Audit - 21 skills trainings at 15 schools to 363 students (PowerPoint, Kill-A-Watt, Light Meter, IR Thermometer, HOBO.)

Transportation & the Environment

Alt Fuels – 14 presentations at 5 schools to 135 students (fuel cell video, discussion of alternative fuels, and hydrogen fuel cell demo.)

Clean Air Zone Workshop – 1 Clean Air Zone workshop for 17 students at The Challenger Learning Center in Bangor (poster-based scavenger hunt, a community mapping activity, Clean Air Game, a human graphing activity based on lung capacity, Eco-Detective skit.) The workshop included students from Deer Isle-Stonington High School, Wagner Middle School and Bangor High School.

Teen Driver 101 - 4 presentations at 1 high school for 31 students (Driving Softly video, learning stations, In the Driver's Seat game.)

Outreach

Peter organized and MEEP advertized for the Green Energy Open House for Sacopee Valley. This included seven homes and dozens of visitors on October 4th. On December 13th, Peter served as a judge for the FIRST Lego League Robotics Competition at Bonney Eagle – until the power went out!

Professional Development

Tony attended the Climate Change Backpack training this fall in Keene, NH. Peter and Tony also ventured to Boston for a green technology workshop. Stefany attended a workshop in Washington, DC to help Project Learning Tree write their national *GreenSchools!* curriculum in December. This trip was paid in full by PLT.

Financial Report

SEP: \$7,250

Matching Funds: \$32,793.91