

## **EEC Minutes March 9, 2011**

Called to Order 6:45 PM

Attendees: Ed Henningsen, Vaughn Smith, Jack Murphy and Charlie Case

Guest: Monique Lillis (Marshwood Intern) to report on inventory progress.

B. Carbon Challenge Update – Reviewed Carbon Challenge progress information sent out by Jenny (see addendum below). Monique commented that she had met with Brittany and added some details. She also indicated that Brittany was planning to make a presentation at the BOS meeting tonight. Jack, Ed and Vaughn planned to attend also. Ed said he would chat with Brittany ahead of time.

C. GHG Inventory Status - Monique reported that she had collected everything for the FY10 inventory except the Kittery Sewer Treatment Plant data and the Irving data covering Fire and Police Dept gasoline. She and Charlie were planning to meet with the Kittery Sewer Dept manager two weeks ago but Nancy Farron (Kittery Energy Committee) offered to get their FY10 budget for us. As of today Nancy has the budget and will also have the FY10 actual costs next week. Charlie offered to make the Irving contact. Monique is on track to present the FY10 inventory to the BOS in late April.

D. Climate Action Plan - Deferred to next meeting.

E, F, H. Professional Energy Audits and Warrant Article - Ed reported that he has received one qualified bid out of six he queried. Only two bidders came to the bidders conference and one pulled out. We voted to go ahead so Ed is at the BOS meeting tonight to ask for authorization to spend approximately \$5500. This will get us to a point where all three buildings are audited (adds an infrared scan and blower door test to the Police Station) and we will have estimates of the cost to implement improvements in time to ask the BOS for a warrant article.

G. PACE - Jack is ready to ask the BOS to vote on the PACE ordinance and will be attending the BOS meeting tonight to brief them again.

H. Community Energy Planning Committee meeting was also held as required with 5 members present (including Monique). No discussion or action taken.

Vaughn took the minutes

Adjourned at 7:45 PM

## **Addendum - March 9 2011 Carbon Challenge Progress**

### Achieved to Date:

- Completed & sent contract to Maine DEP which is providing financial support for the project.
- Met with intern Monique Lillis to strategize approach for the project.
- Met with AJ Dowling of Clean Air Cool Planet to strategize implementation and management of Carbon Challenge in Eliot schools.

- Conducted 2 group meetings with Marshwood teachers and administrators to introduce the program and gain their participation.
- Signed up 4 teachers, representing 10 different classes of students in 9th and 12th grade, including honors class. Approximately 150 students and their families will be involved.
- Meeting with the 4 teachers Weds. Mar.9 to discuss program implementation; AJ will also attend the meeting.
- Corresponded with Deb Avalone-King of Maine DEP to discuss details of internship. Contacted Peter Zack, Education Coordinator with Maine DEP for classroom and curriculum assistance.
- Received and read project info / operational guideline materials from Clean Air Cool Planet Carbon Challenge; Maine DEP.

#### Challenges:

- Teachers are very busy and do not have much time available to meet. Vacation.

#### Future Goals:

- Contact Bates College Maine DEP intern to discuss common project aspects; process; network.
- Preparing survey for 50 students as part of internship requirements
- Get the Challenge rolling soon!

#### Details of Carbon Challenge:

- Teachers will incorporate Carbon Challenge into curriculum. Several teachers are doing a module on Energy Audits; several are doing Environmental Studies. All are excited to pilot the Carbon Challenge in their classes.
- Students will sign up by class on My Energy Plan.net, the Carbon Challenge website. Clean Air Cool Planet will create separate drop downs for each class (right now it just has Eliot as a category) so that the classes will all compete against each other.
- Students will collect and enter their family's data. Each class will be slightly different in that some may do audits, some may use bills, and some may read meters.
- Clean Air Cool Planet will provide metrics on-going for each class.
- Students will create charts, graphs or other representations of the Challenge in their classes.
- As the students make energy efficient changes they will update and manage their profiles, charting the difference and learning about energy efficiency.
- The Challenge will start in the next few weeks and run as long as possible, up to 3 months.

#### EEC Role:

- Brittany will send weekly progress reports. We should comment, suggest, question and support as needed. I will forward reports until (hopefully) Vaughn takes the project on.
- We will support copying handouts, additional class room supplies, other small expenses as needed via reimbursement.
- EEC members may 'go to class' to share their expertise on energy audits, alternative energy, etc. if teachers are interested.
- Structure and submit formal internship goals & objectives to send to Maine DEP. (Brittany & AJ working on this for our approval).