

EEC Minutes Dec 14, 2011

Call to Order 6:35 PM

Present: Charlie Case and Mike Eardley

A. Approval of July through November minutes postponed due to lack of a quorum.

B. Town Building Energy Reduction – Next Steps: Ed Henningsen reported prior to the meeting that he had met with two contractors to look at potential further energy improvements at the Town Hall. These improvements are part of a more comprehensive list provided to the BOS in March 2011. The contractors looked at these improvements:

1. There are 5 air bypasses between the unconditioned attic and the space above the suspended ceiling. This is allowing a bunch of heat loss. While looking at with a contractor the furnace came on and we could see the cellulose moving. There must be a return duct opening above the ceiling too.
2. The access up there is not great. The men's room toilet exhaust duct is crushed from traffic and another duct will be damage without protection.
3. The third item is replacing some batts that are in bad shape.

Charlie presented an FY11 comparison of the heat index (defined as BTUs per square foot of heated area per heating degree day) for 4 municipal buildings and 5 MSAD 35 school buildings. A lower heat index indicates a more energy efficient building. Values ranges from 9.50 for the Police Station to 3.83 for Marshwood HS. With this data in hand we need further discussion on where best to put our efforts. Charlie will share the comparison data with Randy Stewart and Joe Stone of MSAD35.

FY 11 Heat Index Comparison based on 6712 heating degree days at Pease

	<u>Index</u>	<u>Gal Oil</u>	<u>Area</u>	<u>Comments</u>
Police Station	9.50	1,605	3,483	Phase 1 complete in FY 12
Great Works	7.94	19,450	50,548	
Eliot Elementary	7.85	20,101	52,842	
Fire Dept	7.70	3,562	9,548	5.98 in FY 10, + from Com Serv
Town Hall	7.00	1,531	4,512	Phase 1 complete in FY 09
Central Elementary	6.56	15,710	49,382	
Marshwood Middle	5.88	23,006	80,721	
Highway Garage	5.01	2,305	9,500	
Marshwood HS	3.83	49,983 therms	194,360	HS uses natural gas

C. Climate Action Plan Outline and Next Steps: Mike shared what he has so far for the Climate Action Plan. Charlie will add to that from his files and send the CAP material to the Committee members with writing assignments.

D. Follow up with Efficiency Maine for 10K Grant: Charlie reported that our invoice for the final payment from Efficiency Maine for \$2,000 has been submitted. One of the companies that provided professional services for the grant effort is waiting for direction from the EEC before completing remaining tasks. Charlie will contact the contractor thanking them for their efforts and stating that we no longer need them to perform further work.

E. 2011/2012 Carbon Challenge at Marshwood High: Mike reported that he has written a task description for HS interns to coordinate this year's Carbon Challenge. Monique has identified several intern candidates and will look for several more. The EEC received an introductory presentation from Denise Blaha, representing Clean Air Cool Planet. We expect to use this presentation at our kickoff.

F. Inventory Status: Charlie distributed the latest 3 year comparison of energy use for FY 09, FY 10 and FY 11. We are still missing data from Gagnon (due shortly) and data from Irving Oil. This is a high priority to complete and present to Dept heads, Dan Blanchette and the BOS.

H. Possible Meeting Time Change: Mike will send out a poll to committee members for possible days and times when they would be more available to attend meetings. The EEC has 7 positions, 5 members and 4 active ones. We have been unable to have all 4 active members attend a meeting together since July 2011 and therefore have not been able to provide approved minutes to the Town Clerk as required. Charlie will find out what our options are to get approval of our minutes.

I. Other Business: Charlie attended a recent meeting of the Building Committee to hear a discussion on the proposed new Community Service Building. Charlie suggested that the EEC be involved in the process to create a detail design and specifications so energy efficiency is maximized. The Building Committee agreed that they will solicit our inputs.

Charlie will be unable to attend the next meeting in January. Current outlook is to cancel the January 12 meeting and reconvene in February.

Meeting adjourned at 7:05 PM