

ENFIELD ENERGY COMMITTEE, MEETING MINUTES of JULY 28, 2009 APPROVED

MISSION STATEMENT: To identify energy savings for the town and energy savings for the community

CURRENT GOAL: Our goal is a 10 % reduction in total energy consumption by the Town Government by the end of 2009 with incremental decreases thereafter, toward a three year goal of 25 % reduction in total consumption by the Town Government (relative to the 2007 baseline data) by the end of the 2011 fiscal year.

DATE/TIME: July 28, 2009 5:00 P. M.

LOCATION: Whitney Hall Conference Room, 23 Main Street, Enfield, NH

I. Call to order 5:10 P. M.

In attendance: Charles DePuy, Rich Lammert, Carol Lammert, Wendell Smith, Kim Quirk

Absent: Steve Goldsmith, Bo Petersson, Alisa Bonnette

Acting Chairperson: Kim

II. Approval of minutes from June 23, 2009.

Minutes were approved with two typographical errors corrected.

III. Public Comment

None

IV. Old Business

- Selection of Point Person for EEC Projects/interests Committee members discussed who would best serve as point person for current projects that the committee is working on and some future-oriented potential concerns. Some topical names were given to be more inclusive of endeavors.

Citizen Education - light board, power strip, Kill A Watt meter - Kim

Energy Inventory and Building Efficiency - Vehicular and Building energy use - Charlie

Consumer Education - Idling Awareness, Farmers' Market - Carol

Streetlighting - involving National Grid - Steve

Outdoor lighting - Town Government outdoor lighting - Bo

Alternative Energy Sources - Wendell

Consulting Activities relative to town projects -

Library - Bo

Huse Park Renovations (lighting, parking for mass transit) - Rich

Town Dock - Wendell
New Shaker Bridge lighting - Charlie

Transition Towns - Kim

- Update on Kill A Watt and Smart strip available in the library - none

- Status of Light Board modifications The board is still on display at the Energy Emporium. Kim reported that she does mention the Energy Committee when customers express interest in lighting and wattage used. She felt the posters are of benefit. Revisions have not been made to the board. The use of batteries to demonstrate LED lights was offered as an idea. Demonstration using incandescent bulbs would take too much energy.

- Up date on Idling Awareness activities Carol reported that she received word from Kathleen Brockett of the NH DES that there will be a new flyer written to address health issues with children relative to vehicular emissions. Committee members felt the suggested hand outs from the DES were satisfactory. She will contact the local grade school regarding dispersal of book marks and hand outs for school children and adults. Charlie noted that there are idling cars, with the air conditioning running, at the bank drive-through.

- Summary of energy related events/meetings in the region Rich reported that the meeting held on Smith Pond Dam revision was informative. The contractor and DES personnel were very knowledgeable. They voiced their appreciation of the natural beauty of the pond. Emergency planning, in the case of dam failure, was addressed. The presenters were well informed on the work done by the Shakers. Ownership of the dam and maintenance will be turned over to the town when the revisions have been signed off.

Kim related information from a presentation on Transition Towns re-skilling in a post peak oil environment. She has the accompanying text on the topic that is available. She voiced her opinion that there are numerous concepts that can be adapted to decrease reliance on oil and ways to develop community initiatives toward sustainability.

Wendell, Kim and Charlie all attended Solar Fest. They commented that it was a fun event. Things that might be utilized in Enfield events were the festive attitude including music. It was noted that children were attracted to solar cars. Extension of the existing Country Life Festival to consistently include energy issues was an idea..

- Update on Energy related projects around town Charlie reviewed some points on the base line data from 2007 and will include calculations of vehicular fuel usage and outdoor lighting in future reports. Six month data comparisons are available on the Internet. He will soon have the first half on '09 tabulated for comparison with the committee's goal. Charlie commented that pumping of water and sewage takes considerable electricity. Charlie has presented that Steve Schneider, Town Manager, was agreeable to installing programmable thermostats on the second and third levels of Whitney Hall to save money and energy use.

- Leading Edge Design Bo submitted a report on his meeting with Gary Hubbard of Leading Edge Design. (The report is paraphrased here.) Regarding Veteran's Park lighting the cost of electricity is estimated to be \$5.00 in a 24 hour period with an estimated cost of \$2000.00

annually. Lighting of the down town bridges is controlled with too sensitive light sensors which turn the lights on even during cloudy day time hours. Gary had suggestions on replacements with LED lights to light the flag that would reduce the use of electricity and energy cost considerably, though the cost of replacement poles would be \$700.00 per pole. Gary offered to confer with National Grid regarding financial assistance. Upgrading the light controls should be done, also. Bo summarized that these renovations would offer a great energy savings to the town.

The committee discussed the information presented and numerous questions were raised. The total number of bridge light poles involved needs to be verified. (Brown Memorial bridge on Shaker Hill and West and East bridges on Main street may include more than 11 poles.) Locations of electric meters were questioned. Reviewing the lighting designs for the Veterans Park and bridges design was suggested. There is a need to know the number of circuits. The pros and cons of bundling the work to be done at the Veteran's Park and the bridges were voiced. Having dollar amounts for the two projects was suggested prior to potentially presenting a plan to Steve Schneider. However, the time and expense for writing an actual proposal was a concern of the committee. The desire to use alternative energy sources such as solar and micro hydro power generators was noted. It was mentioned that changing to LED's could possibly later be modified to use alternative energy. It was unknown if regulations for flag lighting and compliance with the new dark sky regulations, NH HB 585, were in agreement. (If 585 has not teeth to protect Dark Skies the need of the town to develop its own ordinance was suggested.) The function of the Energy Committee as having no power was noted. Consideration was given to the time and expense that Gary might encounter in writing a formal proposal.

Charlie spoke to the need for neighboring towns (those in the school district) to possibility combine to create a position of Energy Supervisor as an energy efficiency manager to write grants, deal with contracts, be self supporting and a town employee. Kim suggested that finding a person with an education in the field would be the way to start. That person could write his/her own job description.

- Update on pertinent legislation NH HB 585 was signed by the Governor. It go into effect in November of this year.

- Upcoming events The Energy Committee will be present at the Enfield Farmers' Market at the Shaker Museum on August 26 from 4 to 7 PM. Carol and Rich will provide their shelter and tables. A display of a Kill A Watt meter and the two strings of holiday lights from the light board will be used. Taking the light board to an outdoor event does not adequately display the differences in types of light bulbs. Posters on the Energy Committee will be displayed. Information on Idling Awareness will be handed out. Charlie will provide a lap top and a program for residents to calculate their carbon foot print.

- Update on pertinent legislation NH HB 585 was signed by the Governor. It goes into effect in November of this year.

V. New Business

- Committee membership John Burrirt submitted a letter of resignation from the committee. The committee members expressed their appreciation of his work on the committee and his contribution to supplies and time in building the Light Board. A note of thanks will be sent.

It was suggested that Bo be asked for suggestions for potential alternate members.

VI. Other - Next meeting is August 25. Kim will put out an agenda two weeks prior. Priority points to cover will be Charlie's energy audits, Steve's street lighting, and Bo's work with Leading Edge.

VII. Adjournment

The meeting was adjourned at 6:45 P. M.

Respectfully submitted,

Carol Lammert, Secretary
July 29, 2009; corrected 8/21/'09