

ENFIELD ENERGY COMMITTEE ,MEETING MINUTES OF JUNE 23, 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 by the end of 2009 with incremental decreases thereafter, toward a three year goal of 25 % reduction in total consumption by the Town (relative to the 2007 baseline data) by the end of the 2011 fiscal year.

DATE/TIME: June 23, 2009 5:00 P. M.

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

I. Call to order 5:05 P. M.

Attendance: Alisa Bonnette, Charles DePuy, Bo Petersson, Rich Lammert and Carol Lammert
Absent: Steve Goldsmith, John Burrirt, Wendell Smith and Kim Quirk
Acting Chairperson: Charlie
Public: no one

II. Approval of minutes of May 26, 2009

Minutes were approved as modification of minor typing errors.

III. Public Comment - none

IV. Old Business

- Up date on Kill A Watt and Smart Strip available at the library Alisa reported that the librarian said citizens have looked at the two units; however, no one has checked out the equipment for home use.

- Status of Light Board re: modifications - no report

- Review of Committee representation at Country Life Festival at Shaker Museum Members reported that several visitors came to the booth though few questions were posed to the committee. Some of the hand outs were given out. It was noted that the light board was not of interest, possibly because of it being outside where the lights were not as notable. How to improve on education of the public is something the committee should address. Charlie noted that the committee should pick up on information from the public.

- Up date on Idling Awareness activities in conjunction with the school system - no report

- Summary of Energy related events/meetings in the region Charlie attended the Carbon Coalition Local Energy Solutions in Concord. He reported that the event was well attended with 50% of the crowd representing local energy committee members and 40 % being contractors and government personnel. Examples were PUC, Energy Planning, the Jordan Institute and some politicians. There were serious discussions. Break out groups he attended dealt with energy use

is public buildings and funding for upgrades and retrofitting with attention to conservation and efficiency rather than clean energy production. Specific to Enfield's needs better tools for assessing energy, compared to the Portfolio Manager, were presented. There is a tool for a total energy use evaluation (including transportation in addition to buildings) that is available through ICLEI (a national organization - web site ICLEI.org). It has an annual fee of \$600.00. This includes the soft ware and tutorials. Charlie suggested that there is a need for a town employee position to be developed to take on the tasks of energy zcar. It was speculated that this could be a part time position shared between towns and filled by an individual with an associate degree. The need could be presented to the Budget Committee as a position that could pay for itself. The committee debated if towns the size of Enfield and Canaan could afford such a position.

The Jordan Institute presented the possibility of assistance with funding and other levels of support such as tutoring on grant writing. The is funding for small projects through lease-purchase agreements where funding is based on anticipated pay back over 2 - 15 years. Charlie voiced his opinion that this is beyond the work of a committee members. With the future costs of fuel, solid waste disposal, etc. it may prove worthwhile.

There is a program, Small Town Carbon Calculator, that is available without charge, which inventories fuel usage of vehicles. Charlie will work with this program in conjunction with the Energy Portfolio to enhance reaching the goal of 10 % reduction in energy consumption by the end of 2009. He has baseline data.

Rich reported on the observation of the Hanover's Climate Protection Campaign (CPC) committee's presentation on street lighting to their Selectboard. Hanover has 505 streetlights through National Grid. In 2008 the cost was nearly \$80,000. Half the lamps are mercury vapor and the other are high pressure sodium (HPS). The mercury vapor lamps use about twice as much energy per lumen as the HPS. National Grid is installing only high pressure sodium lights rather than the more costly halide lamps. Data on pollution (carbon dioxide, sulfur dioxide and nitrogen oxide) was extrapolated. The 2009 HB 585 legislation was presented regarding shielding, lighting efficiency, and fees adjusted for partial night lighting. The CPC presented that possibly 40 % of the lights could be removed. There was a strong emphasis on including the public in decision making. Involvement of safety personnel, safety of vehicular and pedestrian traffic was stressed. Use of motion detectors was recommended. Different types of lighting in the community were discussed. Variances with neighborhoods was addressed as some areas are rural in nature. Safety for pedestrians was a concern where walking is encouraged. The Selectboard will require that new housing developments address lighting. The CPC agreed to work with the Selectboard to further address concerns.

- Update on Energy related projects around town There is no change in the library project as funding is being sought. There were no additional reports.

- Progress report on Town Energy Audit/Baseline data Charlie will use the Small Town Carbon Calculator with the first six month's of 2009 Energy Portfolio data to be tabulated at the end of June. He will provide the report at the next committee meeting. There is concern on meeting the goal 10 % reduction goal. However, the new boiler in Whitney Hall should help with energy savings. Changes made at the Police department will show improvement. Specifically, an air conditioner is used there to cool the central computer server and modifications of air conditioners may not be necessary. Tying into the geothermal system for the new library is something to consider, though there would be a cost for an air handler. Currently in the Energy Portfolio Whitney Hall is divided into the town, library and community facilities. It is speculated that the

increase in energy use can be attributed the theater functions with lighting and seasonal heating. Alisa will confer with Bill Coons, of the theater group, regarding turning off lights and computers when not in use. As well, the committee discussed consistently turning down heat when the third floor is not in use rather than requesting installation of a programmable thermostat as use of the area is sporadic in nature. It was suggested that programmable thermostats may be helpful on the first and second floors. Charlie will discuss energy use in the library (lighting, computers) with Marjorie Carr. Alisa will discuss use of signage on turning lights/computers off with the personnel on the second and third floors of Whitney.

- Leading Edge Design Bo will communicate with the contractor to learn the progress of proposed projects identified by the Energy Committee.

- Street lighting Project Committee members present felt there were no changes from their previous recommendations. The report from Charlie's review with Chief Crate for problematic locations regarding vehicular and pedestrian safety was deferred. Wendell had e-mailed that he had few changes in recommendations, as noted on the Google data sheets. Presentation of the information to the Enfield Selectboard needs to be done soon. The committee agreed that there needs to be a point person, Steve, to assign specific duties to each of the committee members and that the committee compile documentation and a date set for presentation to the selectboard before they are involved with budget work.

- Update on pertinent legislation - none

V. New Business

- Upcoming events

Solarfest is July 10,11,12

Enfield's Farmers' Market The application has been submitted. Of two dates the committee's preference is to be present August 26. It was suggested that an indoor area be acquired so that the Light Board will be more predominant. Bo will assist with the booth. Charlie spoke to increasing the presentation of health issues attributable to pollution from fossil fuels.

- Clarification of the Current Goal The differentiation within the mission statement was reviewed. It was expressed that the mission statement addresses "energy savings for the town" as the municipality (properties of the town) which is measurable and "energy savings opportunities for the community" reflects the daily habits of the citizens, which is not quantitative. Regarding the goal it was presented that the phrase "total energy consumption by the Town" could be more clear with the addition of the term "government". Charlie moved that the goal be modified to read "Our goal is a 10 % reduction in total energy consumption by the Town Government by the end of..." Bo seconded the motion. It passed unanimously. Thus, the goal will be changed accordingly.

- Point persons for Energy Committee Topics There is a need for individuals to take on leadership roles for projects to facility progress. Charlie has been the point person on Energy Audits. Carol agreed to be the point person on Idling Awareness. The committee voiced agreement that Steve is the best person to lead the Street lighting Project. The topic of point person will be addressed as a priority item at the next meeting.

VI. Other

- Next meeting July 28

VII. Adjournment

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

Respectfully submitted,

Carol Lammert, Secretary