

Enfield Energy Committee Minutes of April 27, 2010

Enfield Energy Committee Minutes

Mission Statement: To identify energy savings for the town and energy savings for the community

Goal: Our current goal is to reduce the town's energy consumption by 25% (relative to the 2007 baseline data) by the end of the 2011 calendar year.

Date/time: Tuesday, April 27, 2010 5:15 PM

Location: Whitney Call Conference Room, 23 Main Street, Enfield, New Hampshire

I. Call to order

The meeting was called to order at 5:15 PM.

Members present: Alisa Bonnette, Steve Goldsmith, Kim Quirk, Larry Battis, Rich Lammert, and Carol Lammert
On leave: Charles DePuy
Members absent: Bo Petersson, Wendell Smith, Mike Mooney

Citizen: Kurt Gotthardt

II. Approval of Minutes

February 2010 minutes were approved with correction of two typographic errors. March 2010 minutes were approved with correction of 4 typographic errors.

III. Public Comment

Kurt stated that he was interested in the progress of the committee, did not have a specific item to bring forward at the meeting and would consider serving on the committee in the future.

IV. Old Business

- Review of Select board meeting re: MEAP report

Kim reported that the Select Board approved of accepting the funding. Select board members were impressed with the report. Laura Chesnut, Municipal

Energy Assistance Program Energy Program Assistant, made an excellent presentation of the findings. The board agreed with the recommendation that continued and improved data collection is appropriate. Kim detailed various documents in the MEAP report. Of interest is that 53% of the fuel used by the town is for vehicles. Tracking of individual vehicular use is possible with the existing records kept by Donna of the DPW. Kurt and Rich questioned if fuel purchased at commercial filling stations, rather than at the DPW, is billed at a price exempt of taxes. If there is not an exemption could it be arranged with the area stations that are frequented. This is a point for further investigation. The MEAP report showed that the three town buildings that are most energy inefficient are the DPW, the Fast Squad, and Whitney Hall. The most complex of these is the Whitney Hall.

Speculation of heat loss at the Fast Squad facility followed. It was suggested that portions of the MEAP report might be posted within the facilities to share the findings and to identify and carry out actions to save energy. Quarterly follow up reports to verify improvements might establish incentives for change. Data in the report compares, in graphic form, the energy use in Enfield with the state and the nation. Enfield's energy consumption is above both the state and nation in a few buildings. Rich suggested that this information be further shared with Steve Schneider. As well, it may be shared with the Budget Committee.

- Review of the public hearing regarding The Energy Efficiency and Conservation Block Grant (EECBG) award for outdoor lighting project

The Select Board members were pleased with the grant.

Alisa stated that projects costing greater than \$1000 need to have a public request for proposal (RFP) publicized. The town has been contacted by a company from Massachusetts. Gary of LED will also be asked for his bid. Committee members speculated on items to include in the proposal such as response speed for repairs. In preparation for the RFP Rich will prepare preliminary content based on the proposal detailed in the grant proposal. Inclusion of a clause that identifies the project as ARRA compliant would suffice rather than writing detailed information. His work will be shared with committee members via e-mail for their input so that when the town receives the contract the town will be able to move forward expediently. The town will follow the usual RFP process.

Kim reviewed data on current electricity used for lighting at the Veterans Memorial Park and the down town decorative lighting. It is difficult to identify the information from various meters as location is somewhat obscure. It was suggested that Gary Hubbard be contacted to verify findings. This will be necessary to document actual savings with the modifications in outdoor lighting. Rich spoke to the positive response from the Select board regarding

setting aside money saved by these modifications for future energy efficiency/monitoring projects. Funds would have to be used within the annual year (by December 31). Mechanisms for setting up the fund as a capital reserve fund, or a revolving fund were discussed. Alisa mentioned that compliance with state regulations may be necessary, depending on how this fund was established. Funding for renovations of existing energy inefficient lighting was favored by the committee (examples: Community Building, Whitney Hall, town flag poles, and other outdoor lighting). A future task for the committee is to write a proposal. Steve will work on this and will confer with Charlie. It is to be reviewed at the next meeting.

Alisa will attend a Block Grant Compliance Workshop on Wednesday, May 5, in Concord. She anticipates the presentation will include reporting methods. The committee expressed interest in learning if a lower priced bid were received/accepted how the savings might be used.

- Idling Awareness update on placement of signs

Carol reported that notices on Earth Day were placed in the Enfield website under What's New and on the local Listserv. For the committee's celebration of Earth Day, April 22, four signs on No Idling were in place at the following town properties: Shaker Recreation Field, Huse Park near the children's playground, Town Hall parking lot, and the Transfer Station. Appreciation of the DPW for their work in putting up the signs was expressed. Kathleen Brockett, of the NH DES, was notified and pictures were e-mailed to her. The signage at the local Bank was declined as they already have a no idling sign. Thus, two signs were offered to the Village School. They will be put up when the best locations are determined.

- Earth Hour

Information was submitted to the Forum of the Valley News, though it was not carried in print, and the local listserv.

- DPW lighting upgrade - National Grid application

Alisa presented information from September, 2008 on bay light fixture modifications. Steve reviewed the audit He roughly calculated the cost and savings. Request for an update is appropriate. Larry will lead this project. Steve requested that a light switch, possibly a motion detector, for the hallway be included.

- Update on energy related projects around town

Deferred

V. New Business

- Shaker Bridge Lighting architectural drawing from the state

The committee was impressed with the large display. The drawing features 12 lights spaced approximately every 200 feet. Steve Schneider answered questions from the committee. The state would run the conduit while the town would be responsible for funding fixtures. The cost of LED/poles would be about \$5000. each. Steve encouraged the committee to be forward thinking beyond just the bridge thinking toward lighting the length of Main Street through Huse Park. The members had multiple suggestions on various types of lights, lumen, directional lighting, minimal light pollution, compliance with state guidelines, compliance with the town's no light trespass guidelines, poles vs. rail mounting, etc. Continuity of lighting with the downtown fixtures is desired. Consideration of the lighting guidelines that the committee wrote for street lighting could be taken into account when considering the bridge lighting. Kurt offered his perceptions and insights, as well. The committee saw a high priority being lighting of the sidewalk.

Reference was made to the lighting of the bridge over the Connecticut River in Hanover. Larry offered to take pictures of that lighting. It was suggested that Gary Hubbard be consulted and asked to attend the next Energy Committee meeting. Steve Schneider will provide the committee with contact with the design person with whom to confer.

- Electrical monitoring device for the Police Department for insight into electrical use

Members can not determine why there is no seasonal variance in the electrical use in the facility. It was suggested that a monitoring device be used. Rich moved that the committee authorize Kim to confer with Chief Crate re: the use of a TED unit (on loan from the Energy Emporium) to monitor electrical use in the Police Department facility. The motion was seconded by Steve. It passed unanimously.

- Lighting near Village School on Rt. 4

It was noted that there is a 1000 W flood light on school property now turned in front the school. Kurt reported that this light has been in place for some time and recently has been made functional again. It is in addition to highway lighting across Rt 4. Steve volunteered to talk with school personnel.

- Nomination and vote for Committee Secretary

Carol suggested that a more efficient method be used for the minutes. Perhaps an opening paragraph, action, and follow up method would better serve the committee and readers. Alisa will confer with Steve Schneider to learn if th town would fund secretarial services. Kim will serve a interim secretary for the May meeting.

- Nomination and vote for Committee Chair

The committee encouraged Steve to continue in this capacity. He will continue for next month as interim chair. The committee favored Bo serving as chair. Rich declined the offer.

- Advancement from alternate to full membership. The committee stated that Kim in next in line for full membership. Larry and Mike will continue as alternates. Kurt said that he would consider serving in the future.

VI. Other

- Next meeting is May 25, 5:15 PM same location.

VII. Adjournment

- The meeting was adjourned at 6:55 PM.

Respectfully submitted,

Carol Lammert