

Enfield Energy Committee Minutes

"To identify energy savings for the Town and energy savings opportunities for the community".

Meeting Date: Tuesday, Jan 22, 2013 Time: 5:15 PM

Location: Whitney Hall, Enfield, NH

I Call to order

Attending: Larry Battis, Phil Vermeer, Richard Lammert, Kim Quirk, Charlie DePuy

II Approval of minutes

- [Oct 23, 2012](#) (approved)
- [Nov 27, 2012](#) (approved)

III Public Comment

IV Old Business

- COVER interior storm window project
Phil is working with Sara Blum from cover on a table or info at our next or a future Farmer's market (Note: the farmer's mkt for Feb 9 was canceled for snow)
- Kurt's warrant for town meeting to remove unnecessary streetlights
Kurt has more than 25 signatures so this will be on the agenda for town meeting. We discussed whether we should have a list of lights that don't meet the criteria. It was decided that bringing up any specific light might derail the conversation.

Kurt will present his information. Rich agreed to take a stab at writing up the Energy Committee's supporting message. We will review that and choose someone to give that supporting message at our next meeting (Feb 26).
- Police dept LED light replacement
Rich, Kim, and Phil will meet at the PD on Monday, Feb 11 to retest all the circuits and specifically test the conference room lights circuit. Then we will replace a good number of fluorescents with LED and retest that circuit.
- Summary of Energy Use of all buildings
Charlie provided a summary of all our building energy use once again. The highlights are that the Community building was up about 30% from last year; the PD was up a little, but is quite a bit higher than the state average for PDs; and Whitney Hall is almost 20% higher than last year.

We focused on the Community building and got some info (after the meeting) Jim Taylor that the heating system is not working well at this building, so the heat is basically being left on full time. This explains the problem, now can we help find a better heating system...

We asked about the ventilation system that was identified as a need for Whitney Hall (estimated at \$6000) and were told that was not in the 2013 budget, but it will be in the 2014 budget.
- Bob Walker's report from Germany trip
This was an interesting presentation - probably >100 people attended. Germany has a much bigger incentives to create local energy than we do (higher gas/oil prices for instance). Vermont, with its statewide goals for significant renewable energy contributions, may be able to implement some of the strategies that they use in Germany to get municipalities on board with energy efficiency. NH seems to be much further away since we don't have significant energy goals at the state

level.

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- Energy Committee's 2012 Project ideas
 - * Pellet energy storage
 - * Enfield Energy Coop
 - * Renewable Energy Caravan
 - [Press release](#) for Lighting grant
 - Shaker Bridge lights - will be dimmable!
- **[Any updates on items below?]**
- Library geo-thermal analysis
- DPW Lighting audit (National Grid)?
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V New Business

- Energy Saver award
 - Wendell brought up the idea that we could start recognizing Enfield citizens for their contributions towards energy savings, recycling or efficiencies. He suggested that we have an award at the town meeting for someone who should be recognized for their contributions to energy savings for the town. This can help put a little competition or inspiration into town employees or local citizens to help find ways to reduce energy usage.
 - There were two people identified right away as possible recipients this year -- one for energy savings in a town building and one for our recycling program.
 - Larry agreed to make the inquiry if we could get on the Town Meeting agenda for this purpose (we can!)
 - We will finalize on the award, the presentor, and the recipient at our next meeting.
- Recycling
 - We discussed the energy committee taking on other issues of resource stewardship -- specifically recycling
 - Charlie brought up the concept of "embodied energy" as it relates to household recycling -- please see this link and look over this document: [Embodied Energy in Household Recyclables](#). This could be a good education handout at the Town Meeting.
- Events:
 - LEWG - Charlie will attend on Feb 13th.
 - Button Up NH, at Hypertherm - Kim and Phil will attend on Feb 7.

VI Other Items

- Next meeting, Tues, Feb 26 (5:15pm), Whitney Hall

List of Accomplishments:

- Tracking Enfield buildings energy usage, electrical, fossil fuels, vehicles
- Google [map of streetlights](#)
- No Idling signs around town
- MEAP grant for Energy analysis and audit of Whitney Hall
 - level 1 energy audit report complete, 3/15/11
- Energy Policy audit for Enfield
- Solar Roller float for 250th anniversary
- ARRA grant (\$19,000) for Veteran's park and Main St lighting upgrades
 - Installed and saving \$1800/year, 10.5 tons of CO2
- Provided [Energy Objectives](#) to the Land Use Planning and Energy Chapter for Enfield
- Provided Energy Committee recommendations for the [Transportation and Facilities Plans](#) associated with the Master Plan
- Recommendation for energy saving LED lamps for new Shaker Bridge
- Interior storm window workshop at Farmer's market with COVER Home Repair, Nov 2012

VII Adjournment**Past ideas worth remembering:**

- Phil Vermeer suggested new vehicles purchased could be hybrids and possibly retrofitting vehicles to battery/electric operation. Maybe there is something specific such as school buses that can be addressed. Also, we want to include the school district in our energy plans even though much of those decisions go through different committees that include 5 towns.
- Phil also suggested that the energy committee might get more involved in the new high school proposal for bio-mass boiler for heating.
- Town challenge for people to report their energy use and set goals (has Thetford done something like this? They recently asked for a bid for LED streetlights)
- There is a town in Long Island which is changing out lights using 1/3 town funds, and 2/3 grant money
- How can Enfield generate its own electricity? Perhaps we start with the bridge lights, which don't go through National Grid; Secondly, can we buy our electricity from a locally sourced facility (like baltic mill, maybe shaker mill building and smith pond)
- The town does own a reservoir and a dam - anything we can do with those? Can this be tied into the Energy Chapter / Land Use plan?
- Can the town create electrical charging stations - maybe at the community center