

## Enfield Energy Committee Minutes

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

**Meeting Date: Tuesday, Feb 28, 2012 Time: 7:00 PM**

**Location: Whitney Hall, Enfield, NH**

### **I Call to order**

Attending: Alisa, Charlie, Bo, Larry, Richard, Phil, Kim

### **II Approval of minutes**

- Meeting Minutes, [Jan 24, 2012](#) (Approved)

### **III Public Comment**

Jeff Hinman - Brought some pictures to share of night time lighting as seen across Mascoma Lake. They are available for others to see. He is asking that the town restrict any new lighting to ensure that it meets Enfield's own ordinance on lighting with no reflected light on the water (see below for more discussion on Bridge lighting)

Phil Henry (Shaker Hill Road) - A streetlight was added right across from his house last June. It shines into his windows and does not meet Enfield's ordinance on lighting. He has filed a complaint but nothing has happened (see below for more discussion on lighting).

### **IV Old Business**

- Update on Shaker Bridge lights - NH Dark sky compliance/Enfield's lighting ordinance
  - To address the issue that Phil brought up of streetlights being installed without input from the neighbors; and to talk about the bridge lights, we will get on the selectboard's agenda.
  - ACTION: Alisa to get an agenda item and selectboard date (Done: 3/19, 6pm)
  - ACTION: Kim will ask the selectboard to invite an energy committee representative to discussions involving lights in the town -- new streetlights as well as decorative lights and make sure energy and dark sky are considered.
- Update on municipal energy use (Charlie)
  - The Police Department shows unusually high use for electricity - which we have analyzed, but not made significant changes yet: 1) generator requires electric heater block -- can we change this to thermostatically controlled? 2) Fluorescent lights in main rooms are a big source of usage -- can we replace these all with LED?
  - ACTION: Get quote on these projects (any volunteers?)
  - Whitney is higher than state average - probably because of the theater use.
  - DPW has been going up, not down
  - Vehicles account for the highest energy use in Enfield. We should consider ways to make a real difference here (See the "big idea" discussion)
  - ACTION: Phil and CHARlie will look at the detailed town vehicle data from last year and this year.
  - ACTION: Alisa will ask Sasha to pull that data (done)
- Municipal Network on Town planning for Climate Change
  - Richard looked into the floor maps for Enfield to discuss what a 100 year flood might mean to Enfield. It looks like the new sewer project may be encouraging development in a flood zone...
  - ACTION: Richard to pull a few more flood maps and present what he has found to appropriate people (selectboard and zoning people, Nate Miller?)
- Energy Committee's 2012 Project - "Big Ideas"

- 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.
- Perhaps Enfield can do a small scale cooperative for bio-mass in the town in the form of pellets. The town can collect people's clippings, wood waste and make pellets to credit back to those who contributed (or to sell)

## V New Business

- Events:
  - NESEA, Building Energy 12, (Boston), Kim will be presenting "Creating a Zero Energy Building in a Historic Shell", March 8. Conference is March 7-9.
  - Local Energy Solutions Conference, 3/31/12, Concord
  - Bio-mass conference in Saratoga, NY, March 21-23
  - HomeLife Show this year to include informational sessions on home products including renewable energy products.
  - Button Up NH - do we want to get involved

## VI Other Items

- Next meeting, Tues, March 27th (back to 5:15pm)

### 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
- ARRA grant (\$19,000) for Veteran's park and Main St lighting upgrades
  - Installed and saving \$1800/year, 10.5 tons of CO2
- Solar Roller float for 250th anniversary
- Provided [Energy Objectives](#) to the Land Use Planning and Energy Chapter for Enfield

## VII Adjournment

### Suggestions for Energy Committee 2012 Project:

- 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
- It would be good for energy committee members to cut out articles of other town successes with energy savings as points of discussion at this meeting

