

Enfield Energy Committee Minutes

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

Meeting Date: Tuesday, April 23, 2013 Time: 5:15 PM

Location: Whitney Hall, Enfield, NH

I Call to order

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

II Approval of minutes

- Meeting Minutes, [March 26, 2013](#) (not a quorum), [Feb 26, 2013](#) (please review)
-

III Public Comment

Kurt Gotthardt, Barbara Jones

IV Old Business

- Membership renewals
 - Kim, Phil, Charlie are up... propose alternate of Kurt. Chairmanship - Phil was approved as vice chair and will help with agenda and running meetings, Kim will continue take minutes and help when Phil isn't there to run the meeting.
- Streetlight mapping - next steps; Kurt will lead this project.
 - We want to light sidewalks, major intersections, "core village areas" (can use National Historic Register District and stop Rt4 at Mickey's; Oak Grove/MainSt intersection), remove redundancy within core village areas, on Rt4A between 30mph speed limit sections.
 - Kurt will outline the core village areas, identify major intersections, and dangerous intersections where lights remain.
- Enfield Energy quest - brainstorming on places that represent green energy or something related to energy for Vital Communities: Baltic Mill, Energy Emporium, Hydropower footings municipal parking lot on main st next to laundry mat, Stone Mill building hydro, Phil Vermeer's solar PV tracker and non-tracker poles
- Any news on PD electrical usage - not yet
- Biomass conference - Phil and Kim attended
 - Good tour of a good size biomass/pellets project at a school; biomass products can burn very cleanly these days. For every gallon of fuel oil 80% of money goes out of the community. For every equivalent gallon of biomass 80% of the money stays in the community.
 - Large scale projects are better for wood chips and less efficient biomass; small scale projects are better for pellets.
- LES (local energy solutions) - conference update
 - Kim went to this conference; Good information for NH energy committees - we shared some successes and attended workshops on how to finance and execute municipal level projects. Companies like Johnson Controls was there to help with financing and execution.
- Need motion detectors (and some on/off lights), for DPW right side bays where people are in and out a lot.

V New Business

- Events:
 - This week there is a Dartmouth workshop on renewable energy, Wed.

- May 5th, Energy Emporium, 3-5pm - Renewable Energy Choices (free/open to the public)
- May 8, UV Energy Committee Roundtable

VI Other Items

- Next meeting, Tues, May 28 (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
- Replaced fluorescent bulbs with LED bulbs at the PD. Found a bad ballast that was drawing lots of current. Feb 2013.

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 resevoir 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