

Harvard Energy Advisory Committee
Meeting June 25, 2008 7:30 -9:30 PM
Hapgood Room, Old Library, Harvard, MA

Final Minutes and Action Items

Attendees: David Fay Forrester Hodgkins Jack Spero Brian Smith
Rene Roy Eric Broadbent Patty Wenger Helen Kilian

1. The minutes of the 6/10/08 meeting were approved.
2. Bromfield Boiler
 - a. Report of pre-bidder's conference – There were 4 bidders at the conference. Jack confirmed that the premium to incorporate dual fuel capability for the replacement boiler is not significant and certainly not as much as it would cost to add it later. The common perception is that the dual fuel setup creates competitive pressure between gas and oil.
 - b. Report on amendment to request for bid (meeting with Mark Force) – The amendment was provided to Mark Force but we did not confirm that it was issued to the bidders.
3. Report on Keyspan Meeting – E. Broadbent attended with B. Blackwell.

Eric explained the discussion about Keyspan's interest in expanding the lines and reviewed the map. There is only a 2" small line now to the school and they would need a 6" line to accommodate the higher load. They are only reviewing the feasibility through the Fall. Work would not start until at least a year. David questioned whether the utility would be required to expand the line.

 - a. Note to BOS – Is there any action required by HEAC? BOS to take steps (short or long term plan) to have a sufficient gas supply put in to feed school.
 - b. **Action** - Research utility regulations – E. Broadbent
4. High School Energy Evaluation Options – R. Roy

Rene spoke with a company who wants to put on a presentation for geothermal heating and cooling (Ralph Kenney, Legend Construction & Martin Orio, Water Energy Distributions). They can perform an audit/load study for \$3-5k that would be tailored for a geothermal system. Eric mentioned that Steven Winter associates is another company that performs Engineering studies. Brian stated that National Grid performs Retro-commissioning studies that they usually subsidize that may be an option but requires further review. The DOER grant for \$25k for town wide energy review should be considered for this purpose.

 - a. **Action** - Contact Tim Clark about DOER grant status – F.Hodgkins
 - b. **Action** - Ask geothermal co if the audit/load study can be separated and do a rough estimate of concept feasibility. Provide energy usage for high school to the geothermal co and schedule a walk through. Find out other schools with geothermal installations and contact. – R. Roy
 - c. **Action** - Contact National Grid about retro-commissioning evaluation. – B.Smith
5. Town Energy Baseline – D. Fay and J. Sweeney

John and David met to discuss their goals to obtain data usage and costs and build upon the work done by Forrest and Bill.

Overall goals -

 - a. Contact utility and get data – David and John split the utilities. Contact of all of the accounts that apply.
 - b. Pursue electronic billing setup and verify that we are being billed correctly.
6. Clean Energy Choice Funds – Start discussion of use of these funds. – B. Smith

The CEC funds total \$22,787 from the National Grid Greenup program paid by Harvard residents and businesses and matched by the MTC. Eric explained that the Solar Challenge is an initiative to sign up more households to be awarded solar panels for the schools if the criteria is met. There are 1809 households in Harvard. The funds can be used to pay for clean energy goods and services and must be approved by the MTC.

Typical uses are solar panels, teacher training, community outreach, solar-powered trash compactors, building improvement projects for energy efficiency and renewable energy. The HEAC's role is to recommend to the BOS how these funds are to be used.

a. Action - Ask MTC if CEC funds could pay for an EEI consultant for the schools. – E. Broadbent

7. Answer on using Google group and public deliberations – B. Smith
Brian contacted Tim Bragan who confirmed that any deliberations on email or internet groups are not allowed because they fall under the public meeting law. Eric explained the benefits of using the group to store documents.
8. Review activities and priorities. – Brian handed out the list of activities for review.

Next Scheduled Meeting – July 9, 2008 7:30 PM Hildreth House