Town of Harvard Energy Advisory Committee

Meeting Minutes 11/14/12

Attendees: B. Smith, E. Broadbent, J. Elkind, D. Fay. F. Hodgkins
Steve Matson (Guest), B. Sullebarger
Location: Old Library 8 PM

Action / Topic	Meeting Discussion/Status
Meeting minutes.	The minutes of October 24 were approved unanimously.
School Energy Project Updates	**a.** HES Solar Panels on Gym Roof (MTC Grants from 2009) – Work is complete and the remaining effort is to connect the Data Acquisition system into the school network. Also the new electric meter needs to be installed by National Grid. The ceremony to celebrate the new system to be scheduled latest April. **b.** Capital Projects FY14 – HES Building Automation System expansion – B2Q has identified energy savings expected from the base and two options proposed. The option to control the classrooms does not appear to be justified from an energy savings perspective.
Town Energy Project Updates	**a.** Town Building Audit/Modeling – David to meet with Guardian Energy on Nov 19 to review the Town Buildings audit. **b.** Green Community Grants Projects – Eric awaiting approval of re-purpose request. Investigate assistance for future Green Community project from Guardian Energy – Chip Goudreau of Guardian to explain at 11/28 HEAC meeting. **c.** Green Community Plan Update – Brian to create draft for committee review.
Other Items	**a.** MBC Town Hall Energy Study – Eric presented a summary from the new Engineering firm about the pros and cons of the HVAC system selection between a Fan Coil and a Chilled Beam (Induction) system. There were concerns on the committee whether the analysis includes the required components mentioned and whether the model reflects the building's current design. The following statement was prepared but not voted on: "HEAC paid $8800 of public money to commission an energy modeling study to help the town build the most efficient and cost effective building. The energy model compared several HVAC systems in terms of efficiency and lifecycle costs. Based on this energy model, HEAC agreed with the selection of an induction system, pending further integration of actual building data and right-sizing analysis. If this model and analysis was complete, HEAC would stand by the previous system selection (now called a "chilled-beam" system) because of the superior payback period and energy efficiency. If there were other factors that were not accounted for in the energy model which make the induction/chilled-beam system less desirable than the fan-coil system, then HEAC is asking for the energy model and analysis to be augmented to be as accurate as possible, so that we can properly weigh the costs and benefits." **b.** HEAC is requested to prepare an update to the Five Year Strategic/Capital plan and a report card for last year – overdue – Brian to complete draft.