

Town of Harvard Energy Advisory Committee

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Meeting Minutes 5/31/12

Attendees: B.Smith, E. Broadbent, J. Elkind, D. Fay, M. Coke, F. Hodgkins

Action / Topic	Meeting Discussion/Status
Meeting minutes.	Meeting minutes were not provided and therefore not voted on.
Energy Retrofit Projects	<p>Four Green Community Grant Funded Projects – Projects to be completed by June 2012. Project milestones to be covered by local press.</p> <ul style="list-style-type: none"> a. Town Center Fire Station Boiler (allocated \$15k GC Project 5) – F. Hodgkins Rebates have been submitted and final cost to be determined. b. Hildreth Elementary Demand Controlled Ventilation and Building Automation System (allocated \$100k GC Project 1A) – J. Elkind Work is proceeding. There is a modification to the scope of work being reviewed with no impact to the approved funding. c. Public Safety Building HVAC Upgrade (Allocated \$22k GC Project 4A) – B. Smith Brian presented the results of the Boiler replacement quotes from Leominster Plumbing and Heating, Croteau and Advanced Energy Concepts (Fitchburg Heating). Leominster Plumbing and Heating provided the most extensive options that would result in energy savings. HEAC voted unanimously to select the Leominster Plumbing Option 2 which includes two smaller boilers. The committee had several questions which Brian is to resolve. d. Town Hall Energy Modeling Study (Allocated \$12.5k, Project OE1, includes \$8300 town funds; NGrid usually funds 50% of the \$15k study) – E. Broadbent. The energy study by GG&D is nearing completion. See below for discussion on heating options. <p>Other Projects</p> <ul style="list-style-type: none"> e. None discussed.
Other Items	<ul style="list-style-type: none"> a. Town Hall Modeling Analyses Review Eric presented an analysis of the options provided by GG&D for the Town Hall HVAC systems. Several options were presented compared to a Base Case evaluating Capital and Maintenance costs and Energy usage/costs. The report recommends the use of an Induction System and the report parameters support this recommendation. The following position statement was voted on unanimously as guidance by HEAC to the MBC on the Town Hall Energy Modeling. “The Energy Advisory Committee believes that the Town Hall energy modeling that has been completed is a reasonable first step in evaluating HVAC system alternatives. However, it is not clear that the analysis attempted to identify the optimal combination of envelope thermal efficiency and HVAC system capacities. If analysis has not been done to optimize the combination of thermal envelope and HVAC system capacity, the HEAC recommends that the MBC obtain this analysis before deciding the target thermal envelope efficiency.”