

Town of Harvard Energy Advisory Committee

BRIAN SMITH – CHAIR
ERIC BROADBENT – VICE CHAIR
DAVID FAY
CHRIS ROY
PAUL GREEN

ASSOCIATE MEMBERS:
STUDENT MEMBER:
LIAISONS:

FORREST HODGKINS
OPEN
STU SKLAR, BOARD OF SELECTMEN
MARY TRAPHAGEN, SCHOOL COMMITTEE
SUSANMARY REDINGER, CAPITAL PLANNING
DON LUDWIG, FINANCE COMMITTEE

Meeting Minutes 4/13/16

Attendees: B. Smith, E. Broadbent, D. Fay, S. Matson, C. Roy, Paul Green

Location: Hildreth Elementary School Faculty Room 8 PM

	Meeting Discussion/Status
Minutes; Membership	The minutes of Mar 23, 2016 were approved 5-0. On April 12, the BOS appointed Paul Green as a member of HEAC.
Town Energy Project Updates	<ol style="list-style-type: none"> 1. Green Community Spring 2015 Grant Project Status <ol style="list-style-type: none"> a. Hildreth House HVAC - Project scope modified to one furnace for each floor and split ducts in the basement. Cost is \$44,369 which exceeds the approved GC funding of \$34,980. Project to be completed by May 15. <ol style="list-style-type: none"> i. Permits approved 4/11. Material on site and work started 4/13. b. Peregrine Schools and Library Retrocommissioning – includes contingency repairs. <ol style="list-style-type: none"> i. Incentives and Report Recommendation: <ol style="list-style-type: none"> 1. Peregrine submitted the report recommendations to NGrid and several were selected as eligible for the custom incentive program. The report recommendations are a portion of the measures recommended to date. Action: Peregrine to supply the overall list of recommended measures, identify those implemented with the controls vendor and provide a plan and energy savings for the remaining measures. – David created a list of deliverables including status and is working with Peregrine to complete. c. Library Lighting – Partially completed. Several changes are required to better match to the existing fixtures; a fixture will be provided to install and verify prior to ordering the replacements. – Proposed recessed fixture is close to being accepted, but there are concerns by the Reference staff. d. Bromfield Hallway Lighting – Partially completed; need schedule for completion. Guardian defined installation kit for the 1x4 fixtures. e. Bromfield Exterior and Police Station Lighting – Delayed due to manufacturer delay. Turn over monitoring of the project to Forrest. f. DPW lighting. Replacement wall packs have been ordered. g. Building Operator Certification – Eric communicated with Mark Force and asked for the training to be scheduled/paid as soon as possible. – Mark says staff is involved with a heavy load of projects and is not ready to schedule (most likely is Sept). We may consider a DPW employee or HEAC member. h. Admin Fee – No Change. May consider repurpose or using for a share of an Energy Manager or pursue another town employee. <p>Reporting - Annual Report – Chris working to obtain information on the Stretch code (HERS ratings) from Gabe Vellante. – No change</p>
Town Solar	<ol style="list-style-type: none"> 1. Bromfield Roof Solar PPA RFQ – Brightergy Solar – <ol style="list-style-type: none"> a. RFQ — The revised RFQ was sent to Lorraine and Marie on 3/2/16. – no change. Brian ask Brightergy if they are delayed due to latest govt changes. We could split analysis and implementation.

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	<p>2. Net Metering Agreement RFP/RFQ – on Hold</p> <p>a. Based on communication from the respondents, the Town has not officially notified the parties about the selection of Kearsarge.</p>
Bromfield School Monitoring	<p>Cadmus Group monitoring of building climate using instrumentation provided by Onset Corporation. Data to be analyzed in late spring 2016.</p> <p>1. Steve has removed many sensors. Steve will discuss with Advisors to create a project for next year and enroll a student member; Eric can support.</p>
HES Renovation	<p>1. HES Building Committee – David Primary; Eric Secondary. – no update</p>
Misc Projects	<p>2. HEAC Survey/Plan – Prepare a survey to solicit ideas, input and support at any level from the community. – HEAC is tasked with preparing a report of progress and recommendations to BOS regarding the HEAC charter and scope. The recommendations should address the charter, town energy policy, guidelines for town building renovations, energy procurement, efforts to address residential and community needs. The report out may be in two phases. – Not completed</p> <p>3. Energy Usage Report – Brian to create update for report to Town Committees. FY15 Update – No Change but this will be part of the report out to BOS and review of HEAC charter.</p> <p>4. CPIC Request/Capital Plan – Guardian proposal for the schools pending.</p> <p>5. Municipal Aggregation Plan for BOS – Eric, Steve, Chris express interest in being involved with this plan.</p> <p>6. HEAC Energy Policy – Steve discussed with Tim Bragan who reported that the policy was approved in 2010 for the Town buildings managed under Tim. Brian request HEAC to review and provide proposed revisions. – No Change.</p> <p>7. Commercial Design Guidelines – HEAC Input – Planning Board is interested in our input – all members to provide input at the next HEAC meeting.</p> <p>8. HEAC Letter to BOS for MA Solar Agreement – Even though a compromise bill was signed by the MA legislature, Eric obtained signatures from the BOS (except Ron Ricci) for a letter stating the need for future resolution of issues about the net metering cap and SRECs.</p>
Future Meetings	<p>Apr 27, May 11, May 25, Jun 8, Jun 22</p> <p>Hildreth Elementary School Faculty Room 8 PM</p>