

Town of Harvard Energy Advisory Committee

BRIAN SMITH - CHAIR
 ERIC BROADBENT - VICE CHAIR
 DAVID FAY
 STEVE MATSON
 CHRIS ROY

ASSOCIATE MEMBERS:
 STUDENT MEMBER:
 LIAISONS:

FORREST HODGKINS
 SOFIA CATALINA
 STU SKLAR, BOARD OF SELECTMEN
 BOB SULLEBARGER, SCHOOL COMMITTEE
 PAT WENGER, CAPITAL PLANNING
 DON LUDWIG, FINANCE COMMITTEE

Meeting Minutes 3/25/15

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

Location: Hildreth Elementary School Library 8 PM

Meeting Discussion/Status	
Minutes; Membership	The minutes of Mar 11 2015 were approved 4-0.
Town Energy Project Updates	<p>1. Green Community Spring 2015 Grant Application: The Deadline for the Spring grant round is 3/27/15. The draft table, supporting narratives and contractor proposal were all reviewed by the committee with the following discussion for each project if applicable.</p> <ul style="list-style-type: none"> a. Hildreth House HVAC - The project includes a new AC condenser using the existing ducts. There may be a review of the ductwork required if the project is approved. Also the energy savings assumptions will need to be reviewed in more detail. The current savings is compared to window AC units. b. Peregrine Schools and Library Retrocommissioning – Note that the \$20k for contingency repairs is to be shared between the Schools and Library, but is only listed in the Schools section. c. Bromfield Hallway Lighting – There were several options reviewed during the course of this application. We applied for the most significant option and will need to fine tune the application if awarded. d. Bromfield Exterior Lighting – This was added in the list of projects because it was discovered that the project was not in the Town meeting articles – it is planned for FY17 under the current Schools capital plan. e. Building Operator Certification – This is to be for a member of the Schools Facility staff. The fee for this will be taken out of the \$20k repair contingency. f. Admin Fee - The application includes a 10% allocation. It is not typical for a company such as Peregrine and Guardian to provide this service (although they could) because it usually requires someone working in the Town to assist in tracking invoices and submitting reports representing the Town. It was discussed that someone such as the part time planner would be a good candidate to perform this function. <p>Strategy – It was decided that we would stay under the \$250k limit in order to not force DOER to eliminate a project. Brian notified Stu Sklar and Tim Bragan about the application and was not provided any requirement for special review or approval.</p> <p>2. Net Metering Agreement – HEAC will play a support role</p> <ul style="list-style-type: none"> a. HEAC and the Town have been contacted or aware of three possible agreements: Borrego Solar (825k, 2% escalation); Syncarpha (provides option); Sunray Power (20% credit off NGrid but small 325k). We need to limit what we pay for credits, ensure the “floor” is acceptable and ensure that change in law provisions are satisfactory. b. Subcommittee – Steve stated that the subcommittee including Chris and

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	<p>Malcolm Carley discussed options that need to be reviewed at the next committee meeting.</p> <p>3. Energy Usage Report – Brian to create update for report to Town Committees. TBD</p>
Schools	<p>1. Bromfield Roof Solar PPA – Brightergy Solar – An audit is set up for Jan 28 between Mark Force, and Brightergy (Craig Dwyer in Sales and an auditor). Since the Town electric supply contract ends after the end of 2016, Brightergy will need an agreement that the contract would be modified to allow the supply from the solar panels if they were to proceed by the end of 2016 to take advantage of the federal incentives. – Status – Meeting postponed due to the snow.</p>
Bromfield School Monitoring	<p>Cadmus Group monitoring of building climate using instrumentation provided by Onset Corporation:</p> <p>Actions</p> <p>1. Data Download from sensors – David, Steve and Sofia are reviewing data downloaded from the sensors which is primarily consistent with the survey results. – Meeting held with Mark Force – 21 sensors moved.</p> <p>2. Survey –Sofia is sending out a Survey Monkey update to the Energy survey to the school staff, providing updates and asking for saving opportunities. – no update</p>
Misc Projects	<p>1. Demand Response / Peak Shaving – Peak shaving to reduce the peak load that the electric rate is based on. Demand response to reduce load when needed by the utility for an incentive. Chris Roy will investigate this initiative with National Grid. Determine if we should subscribe to Utility provided usage data. –Chris will review whether there is any way with or without National Grid that the user can cut back usage with controls or behavior to help with peak shaving or demand response. – Status: No change</p>