

# 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 4/8/15

Attendees: B. Smith, E. Broadbent, D. Fay, S. Matson, S. Catalina, F. Hodgkins

Location: Hildreth Elementary School Library 8 PM

	<b>Meeting Discussion/Status</b>
Minutes; Membership	The minutes of Mar 25, 2015 were approved 4-0.
Town Energy Project Updates	<p>1. Green Community Spring 2015 Grant Application: The Projects submitted at end of March are pending approval noted as follows:</p> <ul style="list-style-type: none"> <li>a. Hildreth House HVAC - The project includes a new AC condenser using the existing ducts. The project will require a detail review if approved.</li> <li>b. Peregrine Schools and Library Retrocommissioning – includes contingency repairs.</li> <li>c. Bromfield Hallway Lighting – The initial project for occupancy sensors was changed to LED replacement.</li> <li>d. Bromfield Exterior Lighting</li> <li>e. Building Operator Certification – This is to be for a member of the Schools Facility staff. Note that Mark Force is already certified Level 1.</li> <li>f. Admin Fee – If awarded, a Town employee such as a part time planner would be a good candidate to perform this function.</li> </ul> <p>At this meeting, we recorded the vote representing unanimous support (5-0) for the projects submitted to DOER.</p> <p>2. Net Metering Agreement – HEAC will play a support role</p> <ul style="list-style-type: none"> <li>a. Two possible agreement: Borrego Solar (825k, 2% escalation); Syncarpha (provides option)</li> <li>b. Subcommittee – Steve stated that the subcommittee including Chris and Malcolm Carley did not meet. There are challenges with Net Metering Agreements in a difficult regulatory and business environment.</li> </ul> <p>3. Energy Usage Report – <b>Brian to create update for report to Town Committees. TBD</b></p>
Schools	<p>1. Bromfield Roof Solar PPA – Brightergy Solar – The site meeting was held at Bromfield between School Facilities and Brightergy (Craig Dwyer in Sales and an auditor). Brightergy considers the roof acceptable subject to structural analysis if awarded the project. Brightergy provided a bid template to use for the School Committee to go out for bid as a Request for Qualifications.</p> <ul style="list-style-type: none"> <li>a. <b>Brian to ask Lorraine for advice on the RFQ/RFP process and whether we need to go out for bid.</b></li> <li>b. <b>Eric to ask Mark F / Gabe V for input.</b></li> </ul>
Bromfield School Monitoring	<p>Cadmus Group monitoring of building climate using instrumentation provided by Onset Corporation:</p> <p><b>Actions</b></p> <p>1. <b>Data Download from sensors</b> – David, Steve and Sofia are reviewing data downloaded from the sensors which is primarily consistent with the survey results. – <b>Data downloaded from 21 sensors. Plan to download data at end of school year.</b></p>

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	<p>2. <b>Survey</b> –Sofia is sending out a Survey Monkey update to the Energy survey to the school staff, providing updates and asking for saving opportunities. – <b>Minimal response, feedback addressed in sensor placement.</b></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. – <b>Status: No change</b></p>