

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
 MARY TRAPHAGEN, SCHOOL COMMITTEE
 PAT WENGER, CAPITAL PLANNING
 DON LUDWIG, FINANCE COMMITTEE

Meeting Minutes 6/9/15

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

Location: Hildreth Elementary School Library 8 PM

	Meeting Discussion/Status
Minutes; Membership	The minutes of May 13 and May 27, 2015 were approved 4-0. All members that plan to be re-appointed for FY16 need to notify Julie Doucet to ensure re-appointment.
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"> a. Hildreth House HVAC - The project includes a new AC condenser using the existing ducts. The project will require a detail review if approved. b. Peregrine Schools and Library Retrocommissioning – includes contingency repairs. c. Bromfield Hallway Lighting – The initial project for occupancy sensors was changed to LED replacement. d. Bromfield Exterior Lighting 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. f. Admin Fee – If awarded, a Town employee such as a part time planner would be a good candidate to perform this function. <p>Status – No activity in the recent two weeks. Guardian also requested that the NGrid applications be signed. – NO CHANGE</p> <p>2. Net Metering Agreement</p> <ul style="list-style-type: none"> a. Syncharpha has been very responsive. Steve highlighted the concern that if Transmission and Distribution credits end, then a negative credit can occur. b. Chris and Steve to work on a new RFQ based on the previous RFP and provide to Tim Bragan by July 15. <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 –</p> <ul style="list-style-type: none"> a. RFQ – Discussed that the RFQ process remains the best option. We are aware of the open issues (structural and interconnect) and need to weed out companies without adequate financing. The basis for the agreement will be the Brightergy RFQ template, the Concord Willard School RFQ, the Concord Landfill RFP and the Harvard NMCPA RFP. Chris to provide the Concord Landfill RFP and Willard School RFQ when issued. There does not appear to be any conflict with the existing Town Power contract. Chris/Brian to create new RFQ by July 15 and target approval by the School Committee by July 31. b. Eric to ask Mark F / Gabe V for input. – Eric to speak with Mark Force about the roof warranty and the likely need to pay the roof company to make the roof penetrations.

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Bromfield School Monitoring	<p>Cadmus Group monitoring of building climate using instrumentation provided by Onset Corporation:</p> <p>Actions</p> <p>1. Data downloaded from 60 sensors. Sofia and Steve will try to get remaining 20 sensors by end of June. Steve will work with Cadmus to continue the use of the sensors. Data to be evaluated.</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> <p>2. Harvard Track Fieldhouse Solar – Eric met 5/27/15 with Nick Steele about the scope of this project. The structural and electrical requirements are being evaluated.</p> <p>3. HEAC Survey – Prepare a survey to solicit ideas, input and support at any level from the community.</p>