

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
 OPEN
 STU SKLAR, BOARD OF SELECTMEN
 MARY TRAPHAGEN, SCHOOL COMMITTEE
 PAT WENGER, CAPITAL PLANNING
 DON LUDWIG, FINANCE COMMITTEE

Meeting Minutes 10/28/15

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

Location: Hildreth Elementary School Library 8 PM

	Meeting Discussion/Status
Minutes; Membership	The minutes of October 14, 2015 were approved 4-0.
Town Energy Project Updates	<p>1. Green Community Spring 2015 Grant Project Status</p> <ul style="list-style-type: none"> a. Hildreth House HVAC - Project scope being modified. Steve is working with John Scheidel of Guardian. Plan for 2 independent duct systems with furnace (and possibly coil for future AC), one per each floor using existing ducts where possible. Expecting a revised proposal 10/30. b. Peregrine Schools and Library Retrocommissioning – includes contingency repairs. – need to schedule a walk through. Contract mods discussed. Need to issue final contract. c. Library Lighting – Pete Jackson has requested we put a high priority on getting this project done as early as possible. d. Bromfield Hallway Lighting – The initial project for occupancy sensors was changed to LED replacement. e. Bromfield Exterior Lighting f. DPW and Police Station lighting. g. Building Operator Certification – This is to be for a member of the Schools Facility staff. Note that Mark Force is already certified Level 1. – Eric to communicate with Mark Force. h. Admin Fee – to cover monitoring of funds and quarterly reporting. – Eric and Brian met with Marie to discuss the support needs. <p>Overall Status – Guardian – Incentives are approved. Brian to develop the purchase orders for each GC project and send to Lorraine for review. Reporting – The annual report is due at the beginning of December.</p> <p>2. Net Metering Agreement RFP/RFQ</p> <ul style="list-style-type: none"> a. Hybrid RFP – Steve met with Tim Bragan to notify him that the subcommittee recommended the Town select Kearsarge Energy. The subcommittee will also recommend that the Town use a consultant such as Rubin and Rodman to negotiate the contract. The target credit is an amount representing 750,000 kwhr. Steve will review the scenarios and talking points for the negotiation. David will provide the last 12 months of electric bills. b. Note that the Town electric supply contract was extended at 8.3 cents/kwHr until 2018 – the contract includes a provision for a minimum amount of electricity to be procured. This should be considered for any future contract or energy sources.
Schools	<p>1. Bromfield Roof Solar PPA RFQ – Brightergy Solar –</p> <ul style="list-style-type: none"> a. RFQ – We are aware of the open issues (structural and interconnect) and need to weed out companies without adequate financing. Brian/Chris will review and make changes to the roof lease RFQ and issue

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	to Lorraine and then to the School Committee for final approval. – RFQ to be issued to Town staff for review.
Bromfield School Monitoring	<p>Cadmus Group monitoring of building climate using instrumentation provided by Onset Corporation:</p> <p>Actions</p> <ol style="list-style-type: none"> 1. Data downloaded and batteries were replaced at the beginning of Sept. to be evaluated. Steve stated that the project report with Cadmus is pending. – On Hold
Misc Projects	<ol style="list-style-type: none"> 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 what can be done with controls or behavior with or without NGrid. Determine if we should subscribe to Utility provided usage data. – Status: No change 2. Harvard Track Fieldhouse Solar – Student Project Nick Steele; Eric is liaison. Start 5/27/15 – No update 3. HEAC Survey – Prepare a survey to solicit ideas, input and support at any level from the community. – Eric is working on a draft. 4. Energy Usage Report – Brian to create update for report to Town Committees. FY15 Update – David to update MEI with secondary suppliers by 11/25. 5. CPIC Request – The two projects are applicable to the schools in FY18. One is to upgrade interior lighting to LED instead of re-lamping. The other is Weatherization and HVAC repairs to be defined after the results of the Peregrine Project are known. – No change. 6. Municipal Aggregation – Chris discussed the opportunities to reduce energy supply costs. Eric to forward background information to HEAC. 7. 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. 8. Master Plan Support – Eric forwarded what we did before to SusanMary Redinger and will update it to address the Deven utility possibility.
	<p>Next Meetings:</p> <p>Nov 18 HES</p> <p>Dec 16 HES</p>