

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 10/14/15

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

Location: Hildreth Elementary School Library 8 PM

	Meeting Discussion/Status
Minutes; Membership	The minutes of September 23, 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. Any solution needs to be within the constraints of aesthetics, efficiency and budget. No update b. Peregrine Schools and Library Retrocommissioning – includes contingency repairs. – need to schedule a walk through and develop the contract. Contract mods discussed. c. Library Lighting – Highest priority. 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. – Meeting planned for 10/23 with Marie S to discuss Admin support requirements. <p>Overall Status – Guardian – NGrid Incentive approval is pending. Brian to develop the purchase orders for each GC project and send to Lorraine for review. Reporting – Q315 report – Brian submitted the report and received confirmation from DOER.</p> <p>2. Net Metering Agreement RFP/RFQ</p> <ul style="list-style-type: none"> a. Hybrid RFP – 2 Proposals received – Syncharpha and Kearsarge Energy. Request was for 1 M kWhr with a range of 0.5 to 1.5M. Primary considerations are company stability and financial terms. The subcommittee (Malcolm, Chris, Steve) will provide an assessment of each choice to Tim Bragan after meeting on 10/16.
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 to Lorraine and then to the School Committee for final approval. – Chris provided updates to the RFQ for review. RFQ to allow flexibility to include other Town property. Brian attended the Oct 13 School Committee meeting to discuss concerns about roof snow removal,

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	vandalism, structural support and roof warranty.
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 – Update – Eric met with the students who are getting help from Solar Design Associates. Current hurdle is handicap accessibility. 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 – request David to validate totals. 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 based to be consistent with the findings of the Peregrine project. – Brian submitted the capital request forms and five year plan. Brian met with the School Committee on Oct 13 to review the requests. 6. Municipal Aggregation – Chris discussed the opportunities to reduce energy supply costs. He referred to other efforts in Marlborough, Lancaster and Chelmsford. 7. HEAC Energy Policy – Brian circulated the previous policy. Steve to mention to Tim Bragan about our pending update. Brian request HEAC proposed revisions.