

Town of Harvard Energy Advisory Committee

BRIAN SMITH – CHAIR
 ERIC BROADBENT – VICE CHAIR
 JIM ELKIND
 DAVID FAY
 STEVE MATSON
 CHRIS ROY

ASSOCIATE MEMBERS:
 STUDENT MEMBER:
 LIAISONS:

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

Meeting Minutes 11/12/14

Attendees: B. Smith, E. Broadbent, D. Fay, C. Roy, S. Catalina, F. Hodgkins, B. Sullebarger

Location: Old Library 8 PM

	Meeting Discussion/Status
Minutes; Membership	The minutes of Oct 22 were approved 4-0.
Town Energy Project Updates	<ol style="list-style-type: none"> 1. Capital Projects for FY16 considered for GC funds: Bromfield exterior and hall lighting projects, Peregrine Monitoring and Hildreth House HVAC and weatherization. The Hildreth House project requires a conference call with Guardian and BE Retrofit to discuss concerns about basement moisture and insulation. 2. Library Lighting – On hold pending feedback from Pete Jackson testing some LED options. 3. Library VSD Project – At the start of the heating system it was discovered that the settings and controls were not correct for both sets of VFDs and this claim is being reviewed with ATC (installer of the VFDs) and Honeywell (interface with BAS).
Schools	<ol style="list-style-type: none"> 1. Schools Roof Solar – Brightergy Solar – This is a company that focuses on school roof solar PPA projects and has approached Harvard. Brian discussed with Brightergy that audit is limited to solar installation and they will contact Mark Force to coordinate. Brian will follow up with Brightergy to find out why they have not contacted Mark Force. 2. Peregrine Energy project – Peregrine submitted a proposal on August 12 to analyze electrical circuit monitoring and building management system trend logs and then make recommendations to improve energy performance. This is a one year project with approximately a 3 year payback. – Status- Brian presented this FY16 capital project at the School Committee meeting on 10/27/14. Next step to present at the Capital Committee. 3. Bromfield Exterior Lighting – Guardian proposal received 10/10 Status- Brian presented this FY16 capital project at the School Committee meeting on 10/27/14. Next step to present at the Capital Committee. 4. Bromfield Hallway Lighting Project – Guardian proposal received 10/22. Status- Brian presented this FY16 capital project at the School Committee meeting on 10/27/14. Next step to present at the Capital Committee..
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. Sofia will provide the completed spreadsheet of instruments and locations. The plan is to download data in December. 2. Communicate to Bromfield Staff - objectives of the effort and follow up to the survey. – Sofia and the Green team will provide a short version of the presentation to Jim O'Shea to provide to the staff.
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 this initiative with National Grid. David will supply recent hourly electric usage reports for review. Determine if we should subscribe to Utility provided usage data. –Status: open 2. Electric Vehicle Charging Station – We discussed the DOER incentive program for an electric vehicle (BEV \$7500, Plug-in hybrid \$5000) and Charging Station

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	(\$7500). Eric will create a survey to determine if there is demand and interest in the Town to justify pursuit of this project. – Status: The draft of the survey is complete. Eric will verify if the program for the incentives will continue.
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