

Town of Harvard Energy Advisory Committee

BRIAN SMITH – CHAIR
 ERIC BROADBENT – VICE CHAIR
 DAVID FAY
 PAUL GREEN
 FORREST HODGKINS
 CHRIS ROY

ASSOCIATE MEMBERS:
 STUDENT MEMBER:
 LIAISONS:

ELLEN SACHS-LEICHER
 OPEN
 KARA MINAR, SELECT BOARD
 JOHN RUARK, SCHOOL COMMITTEE
 SUSANMARY REDINGER, CAPITAL PLANNING
 CHARLES OLIVER, FINANCE COMMITTEE

Meeting Minutes 1/9/19

Attendees: B. Smith, E. Broadbent, D. Fay, F. Hodgkins, E. Sachs-Leicher

Location: Town Hall Volunteer Government Room 8 PM

	Meeting Discussion/Status
Admin	The minutes of 12/11/18 were voted on and approved 4-0.
Energy Policy	<ol style="list-style-type: none"> 1. Town Energy Policy Subcommittee – Leader: Paul Green. The plan for Town approval of a policy and action plan at a Town Meeting (Spring 2019 or 2020) is to be reviewed. Paul prepared a Consider This article for HEAC review at a future meeting. 2. MVP Resilience Subcommittee (Municipal Vulnerability Preparedness program assessment and planning) - Harvard was awarded \$15k year FY19 and \$20k FY20. Ag Survey was issued. Ag day workshop planned for Feb 2.
Town Energy Project Updates	<ol style="list-style-type: none"> 1. 2017 Green Community Grant Projects: –Schedule deadline Dec 2018. Contract Deadline May 31, 2019. 2. BAS Programming – David to arrange with Jon Snyder and BCM – Programming started, commitment is to complete 1/28. 3. Peregrine Retro-commissioning - project may be able to be done after the BAS programming is done by BCM. 4. GC Admin <ol style="list-style-type: none"> a. Final Report – Brian to arrange with Town Employee, possibly Liz Allard. 5. GC Projects – Propose for 2019 Application <ol style="list-style-type: none"> a. MRPC Assistance – Brian to contact Karen Chapman – can they assist in Harvard’s application? b. Main and Still River Fire Stations – Northern Energy / BE Retrofit quote rcvd Nov 5. RISE – proposal for garage doors rcvd Nov 20 to be implemented by Tim Kilhart outside of Green Community grant. c. Old Library – Insulation – Attic and Roof - RISE Audit completed 10/12. RISE submitted proposal 12/21 but not sufficient savings for an adequate payback. d. Lighting – Old Library, Main Library – EMC Audited. – Old and New Library proposal rcvd 12/27. e. Lighting at Bromfield School - to be audited separately by EMC Dec 12. There is one pole light, several can lights, and misc hallway lighting that need to be done. Proposal pending. f. Building Operator Training for Jon Snyder – Jon is interested in taking this training if approved and considers that he will have the support of Linda Dwight.
Schools Evaluation with Jon Snyder	<ol style="list-style-type: none"> 1. Overall there is a lot of equipment that is malfunctioning and needs to be repaired. This contributes to the overheating and inadequate control. Jon is evaluating sources that can perform a whole building assessment and then develop a plan to address repair and opportunities identified. <ol style="list-style-type: none"> a. Heat Control Valves – either the controls or the valve function needs repair. b. Boiler – change 2 position to variable gas valve. Buderus display not working. Replace controls? c. Indirect water heater on hold. d. Rooftop Units – freezing coils prevents lower setback temperature. This

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	will require a significant effort to troubleshoot.
Misc Projects	<p>2. Community Choice Aggregation (CCA) Plan for BOS – Leader- Chris – Eric. Actions:</p> <ul style="list-style-type: none"> a. Approved at Town Meeting 10/24/16. Remaining Actions: <ul style="list-style-type: none"> i. Step 5 – DPU review and approve plan (submitted 7/31/18) - 6 months ii. Step 6 – Broker develop customized plan with HEAC. iii. Step 7 – SB approved customized plan. b. Contract between Town and Colonial Power Group broker was signed week of 6/5/18. The public notice hearing occurred Nov 7 in Boston. c. Survey – Eric to review comments on the latest draft survey with Ellen and Brian. Reviewed on 1/9. The survey should be issued asap due to expected program approval in Jan 2019. <p>3. CPIC Projects – pending proposals for TBS, Library, HCC, Fire Stations.</p> <p>4. DOE NGRID Shines Sundial Project – Eric received an update from Jim Boch @ IPKeys. All equipment is active. Project is in phase 3 tweaking the Temp vs. AC Load model to match actual results. The first peak avoidance time period the system will be used for is summer 2019. Project completes Fall 2019; Equipment will remain and we can enroll in the NGRID program and receive money for participating.</p> <p>5. HES School Project – David provided an agenda for a meeting with the Owner Project Manager NV5 and the Architects primarily about the energy performance of the building and HVAC system operation and maintenance. Meeting to be scheduled – TBD in Jan.</p> <p>6. HES Solar Panels – The School Committee asked about the plan for the solar array (~6kw). Preference is to transfer them to Town building/property. (e.g., track building, sewer station, Bromfield). Eric obtained quote from Ostrow Electric \$4300 to remove them from the roof.</p> <p>7. HEAC invited to attend a Feb Select Board meeting – good to invite entire committee.</p>
	Meeting adjourned 9:30 pm.
Future Meetings	2019 – 1/23, 2/13, 2/27 HEAC Meeting Location/Time: Volunteer Government Room, Town Hall 8 pm.