

Town of Harvard Energy Advisory Committee

BRIAN SMITH – CHAIR
 DAVID FAY
 FORREST HODGKINS
 PETER KELLY-JOSEPH
 ELLEN SACHS-LEICHER

ASSOCIATE MEMBERS:
 STUDENT MEMBER:
 LIAISONS:

PAUL GREEN
 OPEN
 KARA MINAR, SELECT BOARD
 SUSANMARY REDINGER, SCHOOL COMMITTEE
 SUSANMARY REDINGER, CAPITAL PLANNING
 CHARLES OLIVER, FINANCE COMMITTEE

Meeting Minutes 10/13/21

Attendees: B. Smith, D. Fay, P. Green, F. Hodgkins, E. Sachs-Leicher, P. Kelly-Joseph
 SusanMary Redinger, Eric Charles (guest)

Location: **This Meeting was held virtually in accordance with Chapter 20 of the Acts of 2021, An Act Relative to Extending Certain COVID-19 Measures Adopted During the State of Emergency and signed into law on June 16, 2021**
Zoom Meeting ID: 834 0897 5503

	Meeting Discussion/Status
Admin	1. The minutes of 9/8/21 were approved 5-0 without comment.
Schools	1. HES Solar 260 kW DC Behind the Meter project – <ul style="list-style-type: none"> a. NGRID Electric Billing Rate – the project is based on G-3 rate and the bill shows G-1 rate. NGRID agreed to make the change. – pending, no new bills yet. b. Solect Construction – Panels are installed. Goal is to complete installation by 10/15, commission by 12/15 and operate in Jan 2022. Solect working to obtain approval of the MA state incentive.
Town Energy Project Updates	1. Green Community Program <ul style="list-style-type: none"> a. GC2021 Spring Competitive grant approved award received for the 4 projects below managed through Energy Conservation Inc. <ul style="list-style-type: none"> i. Bromfield Transformers – high efficiency/re-sizing – In process. Pre-construction meeting held. Work planned for 1-2 weeks by end October. Patrick Harrigan to notify affected users when the work is performed. ii. Library Weatherization – Phase 1 insulation in Library attic/roof space. – Pre-construction meeting held. Supply chain issue with spray foam. Air Barrier Solutions is not able to get the material. Decide if the project should be re-scoped to another weatherization phase that can be done. iii. Bromfield Weatherization – mainly air sealing, door sweeps. – Pre-construction meeting held. Work planned for 1 week by end November. Project i.ii.iii – Contracts issued. NGRID wants to perform walk through in December if possible. iv. TBS Court Lighting – replace with LED for energy and maintenance savings. Proposed. Note that the work has been completed. – Brian to submit request to DOER to honor grant even though invoice paid prior to grant. Evaluate re-scope of funds if needed, e.g. TBS interior lighting. b. MassEnergize – this is a software tool for the Town to offer residents for greenhouse gas tracking. – CRWG has launched the software – 31 families have signed up; working with the Green team to get the word out to more families in Town. c. Annual Report – due 11/19. David updated MEI. Energy use was up due to the increase ventilation and associated heating. Brian to include change in use, new HES and use of Bromfield House. Brian to provide input to MRPC questions.
	2. Charging Station – HEAC is working with ECI to evaluate charging stations at

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	<p>five locations:</p> <ol style="list-style-type: none"> a. HES – Charger is being installed by Shawmut. Eric Charles offered to help with the pricing decision. b. Library – Input from Library Trustees – prefer location at end of parking lot away from building; may require new service; facilitates standard or fast charger. c. Bromfield – The spots recommended are in the back by the courts which are closer to the electric panels for connecting the charger conductors. Some prefer to have it be in front and be more visible. d. Town Hall – limited spots but supported by Town. e. General Store – needs separate meter; issue with obstruction and limited space. f. Other areas – Harvard Park (track); commercial district? The MA state EVIP program should provide 100% of the funds required for the equipment and installation. <p>3. MRPC Regional Planning Assistance – Green Communities are eligible to have services that MRPC will apply for MA state DOER grants. The Town of Harvard signed the grant application 7/7/21 for the following (with \$ allocation).</p> <ol style="list-style-type: none"> a. The Green Community application and annual report service by MRPC is recommended to continue. (\$4500) b. Developing a net-zero emissions plan for municipal buildings and operations (\$9000) c. Preparation toward developing a community-wide net-zero plan (\$3500). These plans can support the Energy and Resiliency portions of the Climate Action Plan. – Grant not awarded yet. <p>4. Vehicles – Possible vehicles to replace with electric – Fire/Police: Ford Explorers (5), Dodge Chargers (2) F150 (1). Green Community may offer \$10-15k toward a replacement vehicle. Peter and Charles Oliver met with the Fire Dept and planning to meet with the Police Dept this week. The Fire department discussed locations and overall needs for the vehicles.</p> <p>5. National Grid Street Lights – There is a DPU hearing to approve the 3000K lights that Harvard prefers. David will prepare and issue a letter signed by HEAC in support.</p> <p>6. Council on Aging Building Plan – includes heat pumps.</p>
Subcommittees/ Initiatives	<p>1. Climate Initiative (Ellen and Paul– Article supporting the MA greenhouse gas reduction goals (currently net zero by 2050) – Scheduled for Fall Town meeting, on 10/16. Ellen and Paul have worked extensively to review with all 15-20 town boards and committees.</p>
Membership	<p>No update. Meeting adjourned 9:25 pm (voted 5-0).</p>
Future Meetings	<p>2021: Nov 10, Dec 8, Jan 12 HEAC Meeting Location/Time: 8 pm. – Virtual until further notice</p>