

# Town of Harvard Energy Advisory Committee

BRIAN SMITH – CHAIR  
 DAVID FAY  
 PAUL GREEN  
 FORREST HODGKINS  
 ELLEN SACHS-LEICHER

ASSOCIATE MEMBERS:  
 STUDENT MEMBER:  
 LIAISONS:

PETER KELLY-JOSEPH  
 OPEN  
 KARA MINAR, SELECT BOARD  
 JOHN RUARK, SCHOOL COMMITTEE  
 SUSANMARY REDINGER, CAPITAL PLANNING  
 CHARLES OLIVER, FINANCE COMMITTEE

## Meeting Minutes 1/8/2020

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

Location: Town Hall Volunteer Government Room 8 PM

	Meeting Discussion/Status
Admin	<b>1. The minutes of 12/11/19 were approved 3-0.</b>
Schools	<ol style="list-style-type: none"> <li>1. HES Existing Solar Panels <b>-6kW</b> – Need a site that is feasible to accept the panels. - <b>Pending</b></li> <li>2. Charging Station – Nate Finch to make a proposal for where to locate and how the charging is paid and communicate with NGRID for funding the project. He will also plan to communicate with stakeholders to determine the need and support for a specific location. – Nate to provide update; <b>investigate attending the March NGRID summit.</b></li> <li>3. <b>HES Solar – David received rough estimates from Revision Energy of possible solar arrays. The Power Purchase Agreement option is not viable until the state solar incentives are increased, and therefore the option reviewed is to purchase the array in a lump sum, possibly with local donations. There are two sloped and four flat areas that panels could be installed.</b> <ol style="list-style-type: none"> <li>a. <b>Example small system 75 panels 25 kW \$3.50/watt = \$87.5k.</b></li> <li>b. <b>Two sloped areas – 240 panels 80 kW \$3.50/watt = \$277k.</b></li> <li>c. <b>Six areas – 821 panels 266 kW \$3.50/watt = \$933k; annual 329,000 kWh (current HES usage is 290,000 kWh)</b></li> </ol> </li> </ol>
Town Energy Project Updates	<ol style="list-style-type: none"> <li>1. GC Projects – 2019 Competitive Grants – awarded 9/3/19.                     <ol style="list-style-type: none"> <li>a. Lighting – Main Library – <b>EMC 73% complete as of 12/27. Need completion date.</b></li> <li>b. Lighting – Bromfield – Material to be received and work to start 12/12. Need completion date. – <b>Delayed due to Contractor scheduling.</b></li> <li>c. Building Operator Training for Jon Snyder – awarded. Linda Dwight has been notified that this should be scheduled for Jon to attend. – this will not happen prior to the Spring application.</li> <li>d. MEI Energy Data – David reported that the cost data <b>for gas usage</b> for the schools is being corrected <b>by MEI.</b></li> <li>e. Need ideas for GC2020 application – TBS Economizer, battery storage, sewer plant and DPW opportunities were mentioned. Peter to discuss generator with Tim Kihart.</li> </ol> </li> <li>2. Annual Town Building Energy Review – <b>Set up schedule</b> for department reviews. <b>Tim Bragan is invited to the Feb meeting.</b></li> </ol>
Subcommittees/ Initiatives	<ol style="list-style-type: none"> <li>1. Municipal Vulnerability Preparedness Subcommittee - The primary areas of concern are forest, infrastructure and water quality. This will feed into a climate action plan. There needs to be a committee established to work with Chris Ryan to implement the next phase. – Committee being formed.</li> <li>2. Environment/Sustainability –Process to record environmental assessment forms for major projects and initiatives. <b>Ellen will issue a Consider This article in the Press and sent the form to all organizations on 12/16/19.</b></li> <li>3. Energy Policy – Paul is leading an effort to build the subcommittee – pending. Note that MRPC has funds to support this effort. <b>Paul to set up a meeting.</b></li> </ol>
	<b>Meeting adjourned 9:20 pm</b>

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Future Meetings	2020 Feb 12, Mar 11, Apr 8 HEAC Meeting Location/Time: Volunteer Government Room, Town Hall 8 pm.
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