

# Town of Harvard Energy Advisory Committee

BRIAN SMITH – CHAIR  
 ERIC BROADBENT – VICE CHAIR  
 BILL CODNER  
 JIM ELKIND  
 DAVID FAY  
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 STU SKLAR, BOARD OF SELECTMEN  
 BOB SULLEBARGER, SCHOOL COMMITTEE  
 KEITH CHEVERALLS, CAPITAL PLANNING  
 ALAN FRAZER, FINANCE COMMITTEE

## Meeting Minutes 12/18/13

Attendees: B. Smith, E. Broadbent, J. Elkind, D. Fay, F. Hodgkins

Location: Old Library 8 PM

	<b>Meeting Discussion/Status</b>
Minutes	The minutes of December 4, 2013 were approved unanimously 3-0.
Strategic and Capital Planning	<ol style="list-style-type: none"> <li>1. FY15 CPIC requests:                             <ol style="list-style-type: none"> <li>a. Bromfield and Hildreth Weatherization – the capital requests were updated and justification provided to CPIC.</li> <li>b. CPIC provided 8 questions to be answered by HEAC. Brian submitted answers and will attend the Dec 19 CPIC meeting to review the projects and the questions.</li> </ol> </li> </ol>
Town Energy Project Updates	<ol style="list-style-type: none"> <li>1. Energy Manager – HEAC will provide input to the job description for the position to manage the Town facilities. In addition, there is a state grant to fund an Energy Manager and this is being evaluated how this can be best implemented for Harvard.</li> <li>2. Water Savings – The inventory for the water saving equipment is complete and equipment is on order through DOER at no charge.</li> </ol>
Schools	<ol style="list-style-type: none"> <li>1. Sofia will complete the HVAC survey questions based on comments and submit for agreement at the next meeting.</li> <li>2. HCTV Air Conditioning – David reported that he supported Bill Johnson's request for details behind the recommendation presented to BOS for the sizing of the AC system. Also it appears that HCTV is considering replacing of the incandescent lights with more efficient alternatives.</li> </ol>
Other Items	<ol style="list-style-type: none"> <li>1. PPA Subgroup – Solar Net Metering Credit Agreement – No update.</li> <li>2. FY13 Energy Usage Analysis – David completed the energy analysis to explain why the large increase in energy use at the schools in FY13.                             <ol style="list-style-type: none"> <li>a. In FY2013, the town used 27% more energy than in FY2012. The increase can be traced to extra fuel use to heat Bromfield School (up 49%), and to a lesser extent Hildreth School (up 14%), costing the town an extra \$23,000.</li> <li>b. Some time in FY2012 thermostat setbacks at Bromfield School, used at night and on weekends and holidays, were rolled back because of a problem with pipes freezing in rooftop units.</li> <li>c. The heat loss calculations for Bromfield School predict a 49% increase in fuel usage with the rollback of setback temperatures, precisely what we have observed. We conclude that the setback changes were the problem. A less aggressive rollback has already been implemented and other changes are being considered.</li> </ol> </li> </ol>