

ENERGY MANAGEMENT COMMITTEE
Meeting Minutes: April 13, 2020, 5:45 pm to 7:00pm
Zoom Video Meeting

Voting attending: Justin Magee, Todd Kosterman, Karl Rexer, Roger McPeek, Allison Gaiko, Colleen Soden,

Non-Voting attending: Laura Turenne, Susan McPhee, Ellen Whittemore

Absent:, LeeAnn McGahan, Enzo Rascionato, Pete Lawson

1. The minutes from 3/2/20: Approved upon condition the last sentence of item 4 is removed. Background: Since 2010, \$30,000 has been taken from the energy line of municipal budget (savings from installation of high efficiency Muraco boiler) and given to Capital; however, it is not earmarked for energy specific projects once in Capital budget. Mr. McPeek noted that if cancelled, it might disincentivize Capital from future projects such as this. *Action Item: Ms. McPhee to have a conversation with Capital.*
2. New Business:
 - a. Passive house webinar: www.mass.gov/service-details/doer-webinars.
 - b. Ms. McPhee attended the MBTA informational meeting. It is not known if the construction timeline will still be adhered to, due to the ongoing pandemic.
 - c. Due to the pandemic, all schools have been dialed back; however, the High School and Middle School are still fully staffed. Elementary schools are shut down completely, the High School is on weekend mode, and the Middle School is shut down but Phase II construction is ongoing. The only fridges that should be left on are the ones in health offices and labs. *Action Item: Ms. Whittemore to check with Mr. Lawson about having custodians unplug as much as possible.*
3. Grants:
 - a. Green Communities: Ms. Turenne noted that there are new mpg requirements for newly purchased vehicles in order to retain GC status.
 - i. LED lights phase II at Ambrose
 - ii. Destratification Fans at Town Hall
 - iii. Insulation at Town Hall
 - b. Municipal Energy Technical Assistance (META) grant: On hold because of Corona
 - c. VW Open Solicitation grant:
4. Project updates:
 - a. McCall unit ventilator (UV) and controls next steps: Funding cannot be secured until Spring Town Meeting. The scope is being looked at.
 - b. High School Solar/Roof Update: Still waiting for the power company. It has been inspected and approved but still needs Eversource to go in and flip switch. *Action Item: Mr. Lawson will ask Mr. Gill if an Eversource contact for Winchester can be called.*
 - c. Lynch Interior LED Lighting: Received proposal from AECOM with a total cost of \$54,237 after incentives. This is a 5-year payback. It is unknown how much longer Lynch will be in use, although it is estimated that it will be in use for longer than 5 years. This Committee did have the Select Board pass a document

about 15 years ago regarding buildings, but the policy should be updated. During the High School renovation meetings, members of this Committee went to the EFPBC meetings to put energy at the forefront.

- d. Energy Revolving Fund Projects: Money can carry over into the new fiscal year, although there is a cap. A signature is needed from the Town Manager. As of now, summer events are still being planned.
 - i. Muraco Destratification Fans
 - ii. Lynch Destratifications Fans
 - iii. WinRec Insulation

5. Low Interest Loans: Mr. McPeek noted that this is under the purview of the Select Board. \$2.5 million for dangerous intersections around schools and for the Lake St. and Waterfield bridges.

6. Select Board Suggestions, Ms. McPhee and Mr. Rexer were in attendance.
 - a. Geothermal in future buildings and when systems are replaced. The SB was enthusiastic for these new systems.
 - b. Policy changes: AC in municipal buildings (ASHP or GSHP). An opportunity to get AC (as temps warm) and heating in an efficient way but with taking cost into consideration—it's not just economic but a mix of all these things.
 - c. Evaluate WinRec and Parkhurst buildings for solar PV: Ambrose PV if new roof. WinRec roof is too old.
 - d. Grant money available for new roofs to move vents and other outcroppings to make solar PV a possibility. Investigate if grants are available to make roofs more solar ready.
 - e. Incentive or pilot program to install energy storage systems. Safety would be an issue (large battery banks). There is money to be made on battery storage: use for load shedding. No public school has used this as income stream yet.
 - f. WinPower marketing: Almost a million and half in savings compared to Eversource basic.
 - g. Webinars regarding net zero schools available. Ms. Soden noted that the MLK school has geothermal, 30-40% of the load is onsite. Ms. Soden is currently working on the Tobin Montesorri school. There is no battery storage at these schools. Battery storage is being investigated at Arlington High School, but safety is a concern.

7. Schedule next meeting: May 18th at 5:45pm.