

ENERGY MANAGEMENT COMMITTEE
Meeting Minutes : Jan. 27, 2020, 5:45 to 7:00 pm
Town Hall, Town Clerk 's Lobby

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

Non-Voting attending: Laura Turenne, Susan McPhee, Jay Gill, Fritzie Nace, Ellen Whittemore,

Absent:, LeeAnn McGahan, Pete Lawson

1. Minutes from 11/18/19 unanimously approved.
2. No new business.
3. Grants:
 - a. Green Communities 2020 – Vote to approve items numbered 1, 3, 4, and 6 from GCG spreadsheet dated 1/27/2020 and modified during the meeting which includes Town Hall destratification fans, Town Hall insulation, Lynch destratification fans, and Ambrose LED lighting phase II and to be funded by the Green Communities Grant, DPW budget, Energy Revolving Fund, and utility incentives. Unanimously approved.
 - i. LED lights phase II at Ambrose. This project will finish converting all the classrooms to LED lighting.
 - ii. Destratification fans: Muraco has 4 classrooms with tall ceilings that are optimal for fans. Lynch has 3 classrooms with tall ceilings that are optimal for fans. These classrooms were previously “shop” rooms when the school was used as a middle school. Ms. Whittemore noted that the Massachusetts School Building Authority (MSBA) informed the School Committee that a new Lynch building may only be 5 years away. However, the old Lynch building will be used as a swing space for Muraco students. Therefore, the building itself is likely to be in use for longer than 5 years. Ms. Whittemore also noted that heaters might be added to provide supplemental heating to some Lynch classrooms. Ms. McPhee noted that the heaters are expensive to operate. Ms. McPhee also noted that the heaters do not save energy and would not qualify for a grant, whereas the fans do have a payback and the Green Communities Grant can fund them. The shop doors at Lynch in the same 3 classrooms have a lot of infiltration. *Action Item: Mr. Gill to speak with Mr. Lawson about sealing the shop doors.*
 - iii. Insulation at WinRec: This project will be put on hold for the time being. Ms. McPhee noted that this could be integrated as part of the Municipal Energy Technical Assistance (META) grant, if/when the extremely old steam boiler is ever replaced. Mr.

McPeck noted that the boiler is very low on the list of Capital improvements.

- iv. Muraco boiler: Although these 3 boilers are fairly new (2010), they have been problematic over the last few years. They are not communicating properly. Mr. Lawson would like to replace the lead boiler with one that is more reliable. The current boilers are Canadian made Camus and are already 95% efficient. This project cannot be part of the Green Communities Grant because there are no savings. All the radiators were updated when the boilers were installed in 2010. Mr. Magee noted that it may be a controls problem. He noted that perhaps the boilers are fine, but it's the controls that need replacing. *Action Item: Mr. Gill to speak with Mr. Lawson as to whether the boiler or the controls need replacing.*
 - v. Air Curtains: An air curtain for the Muraco front entrance will be priced. A whole new vestibule with double doors is also being priced for improving security. In this case, it would not be an energy project. Other entrances that might be potential areas for air curtains are the side entrance of Lincoln and the front doors at Lynch.
 - vi. Investigation of shades at Ambrose and VO: *Action Item: Mr. Kosterman will supply VO drawings to Ms. Gaiko. Action Item: Ms. Whittemore will connect Ms. Gaiko to Mr. Lawson to walk Ambrose.*
- b. Municipal Energy Technical Assistance (META) grant: This grant is to determine what possibilities exist to replace the old steam boiler at the Winchester Recreation Center (the old Mystic School). *Action Item: Ms. McPhee will meet with Ms. McGahan's new hire to begin filling out the paperwork.*
 - c. VW Open Solicitation grant: Winchester is receiving \$151,000 towards a new salter truck. The remaining \$40,000 is coming from Capital and was approved. The State will release additional money, but it is not clear when the money will be released or what the parameters will be. It would be prudent to not decommission any vehicles that might be able to be turned in for additional funding.
4. High School Temperature Set Point: Mr. Conway mentioned to Ms. Nace during the fall Building Champion meeting about the possibility of increasing the first floor set point. *Action Item: Ms. Whittemore will speak with Mr. Conway and Mr. Lawson. She will also ask Ms. Evans, who spends a lot of time in the classrooms.*
5. Project updates:
 - a. McCall unit ventilator (UV) and controls next steps: Defer until next meeting.
 - b. Oil to Gas conversions at Ambrose and Lincoln are complete.

- c. Library: new boiler/chiller: The installation is complete. The oil tank needs to be removed and there will need to be some training on the new system.
 - d. High School Solar/Roof Update: Almost all the equipment is installed, and inspections are completed. Commissioning and meter installation are soon to be completed.
6. Energy Revolving Fund automatically goes to spring Town Meeting every year. Mr. Rascionato asked if the community solar program is still something that should be pursued. *Action Item: Mr. Rascionato will start gathering information and will get community solar on the Finance Committee's agenda. Action Item: Ms. McPhee will see if any opportunities still exist for community solar.*
7. The next meeting is scheduled for Monday, March 2nd at 5:00 at Lynch, conference room

Respectfully submitted by Laura Turenne