

ENERGY MANAGEMENT COMMITTEE
Meeting Minutes : March 2, 2020, 5:00 to 7:00 pm
Lynch, Conference Room

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

Non-Voting attending: Laura Turenne, Susan McPhee, Fritzie Nace, Ellen Whittemore, Pete Lawson

Absent:, LeeAnn McGahan, Colleen Soden, Enzo Rascionato

1. Tour of Lynch building: The recently installed, wall mounted, supplemental heaters/AC units were observed. Also observed were the shop doors and windows in the 5th grade wing as well as the 3 classrooms for the proposed destratification fans.
2. The minutes from 1/27/20 were unanimously approved. Mr. McPeek noted that the supplemental money needed for the diesel truck was approved by Capital.
3. New business:
 - a. Ms. McPhee related her idea of speaking to the state legislators (Jason Lewis and Mike Day) to make them aware that Winchester is now only allowed to apply for \$100k instead of \$250 because there are now 271 Green Communities all vying for the same \$15 million. The grant is supposed to be competitive and there are still many decades left of quick payback work. This committee could recommend to the Select Board to communicate with Jason Lewis and Mike Day about increasing the pool of money for the grant. Winchester is 1 of 30 communities that is restricted to the \$100k. Winchester is being curtailed for being early adopters. Vote: To authorize Mr. Magee and Ms. McPhee to send a memo to the Select Board that this Committee would like the Select Board to communicate with the State Reps about the lack of State funding for Green Communities. Unanimously approved. *AI (Action Item): Mr. Magee and Ms. McPhee to draft the memo to the Select Board.*
 - b. The Town has a 99-year lease on Ginn Field and Winchester pays the utility bills. Mr. McPeek noted that the field lights are not LED and that they are often on when the field is not in use. *AI: Susan to look into seeing if the lights could go on a timer, and/or if replacement with LED lights might be an option. She will research with DPW. See also notes in section 6 e iii, below.*
 - c. Winchester Train Station will be undergoing a 2-4 year construction project beginning this fall. For lighting, the cobra heads are under Winchester's purview. There will be an informational meeting at McCall on Wednesday that Mr. Rexer and Ms. Turenne will attend, if possible. *AI: Ms. McPhee will send an email to the Town Engineer and Town Manager to determine if the Laraway EV chargers can remain available. It was*

noted that there is a possible confluence of interest in maintaining access to a few parking spaces on Laraway during the construction: The EV spots and the handicap spots are all together in one section of Laraway.

4. Revisit Muraco Boiler: In 2010 the Muraco steam boiler was replaced with 3 Camus condensing boilers that have a history of operation and maintenance problems. The boilers go on standby without notice. School has had to be cancelled 3 days due to loss of heat. The boilers have also set off the CO alarms twice this year. Mr. Lawson is applying to Capital to replace at least one boiler with a reliable boiler. Mr. Lawson says it's not the electrical controls but the internal boiler components. Ms. McPhee noted that \$30,000 is added to the Energy Champion's Rebate every year since the system's installation 10 years ago.
5. Grants:
 - a. Green Communities 2020: Grant writing is underway. Ms. McPhee has sent a memo to the Select Board for their approval.
 - 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: Ongoing. *AI: Mr. Lawson and Ms. McPhee to put together an RFP.*
 - 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 VW funding. There is no new funding from the State. *AI: Ms. McPhee to enquire to the two senators what the timing will be.*
6. Project updates:
 - a. McCall unit ventilator (UV) and controls next steps: Waiting for Town Meeting vote. Mr. Lawson is working on the pricing per room.
 - b. High School Solar/Roof Update: All work is done, but the system is not connected. Everything is now just waiting on Eversource to approve the connection. For VO/DPW: *AI: Ms. Turenne to ask Matt Shortsleeve if a link can go on the Town website with the url to see solar production. She will also ask if the production levels will be able to be displayed on the monitors at the High School on a continuous basis.*
 - c. Investigation of shades at Ambrose and VO High School: Ms. Gaiko did some energy modeling with software which resulted in a savings of only \$700 per year with shades, thereby not making it cost effective.
 - d. Energy Revolving Fund Projects: Vote: Mr. Magee proposed to spend money from the ERF for the following measures shown on the spreadsheet; projects 2, 5 and 6, but not to exceed the price listed. Unanimously approved.

- i. Muraco Destratification Fans: 4 fans
 - ii. Lynch Destratification Fans: 3 fans
 - iii. Win Rec Insulation
 - e. Other measures:
 - i. Lynch shop doors: *AI: Ms. Whittemore to speak with the Building Inspector to determine if the shop doors could be sealed (4 doors).*
 - ii. Lynch windows: Curtains tend to be extremely expensive. Perhaps foam boards could be installed instead of curtains. *AI: Ms. Whittemore to speak with teachers to gauge interest in this potential solution. Ms. McPhee to make inquiries about if there are any restrictions on this solution. Ms. McPhee to also get preliminary price estimates for work described in i. and ii.*
 - iii. Ginn Field: Mr. Lawson provided an update: it is already underway. *AI: Mr. Lawson will find the proposal with the pricing for new lights and timers.*
 - iv. Air curtains for Lincoln doors: Need to find a vendor. *AI: Ms. Gaiko will make enquiries. The air curtain would not need to be heated*
 - v. Aerators for sinks for hot water. Inexpensive but possibly minimal impact. This is something we can discuss or assess more in a future meeting, when there is more time for discussion.
7. Select Board Suggestions: Deferred until next meeting
- a. Geothermal in future buildings and when systems are replaced
 - b. Policy changes: AC in municipal buildings (ASHP or GSHP)
 - c. Evaluate WinRec and Parkhurst buildings for solar PV. Ambrose PV if new roof.
 - d. Grant money available for new roofs to move vents and other outcroppings to make solar PV a possibility.
 - e. Incentive or pilot programs to install energy storage systems
 - f. WinPower marketing (Fritzie, 3 min)
8. The next meeting is scheduled for Monday, April 13th at 5:45pm at DPW.

Respectfully submitted by Laura Turenne