

Timberlane Regional School Board Energy Committee Minutes

Sep 22, 2021 7pm

- **Energy Committee Members Attending:** Barbara Kiszka, Maria Watkins, Karl Ingoldsby, Brian Boyle
- **Absent:** Kim Farah

1. Meeting called to order at 7:06pm.
2. July 14, 2021 minutes Brian motioned to approve, Karl seconded: 4-0-0 Approved
3. Minute taker – Barbara
4. LED Light project update
 - a. TRHS, TRMS, PAC are about 80% complete. High bay lights in other schools are done with help of rented lift.
 - b. All light fixtures have been purchased.
 - c. Aiming to complete installation by December
5. Solar PPA – Dover field trip?
 - a. Mark Fournier was driving this and is not available tonight.
6. Other energy saving initiatives / Performance contract
 - a. Performance contract will be paid by bond or lease.
 - i. If do \$1M of work, they guarantee the energy savings will pay for the bond each year. We decide the items that we want from the energy audit.
 - ii. Salem did a performance bond for Salem HS and were able to do a lot of renovations; architect company did a presentation for the voters.
 - iii. Karl has experience with performance contracting. He saw up to 55% energy savings in certain months.
 - b. Energy Audit returns with a list of items with energy savings and their payback period
 - i. for example: windows = 20 years, boilers = 5-10 years.
 - ii. If payback averages out to 10 years then start with 10 year contract.
 - iii. If add things like roof or locker room that has no energy savings, can extend the length of the contract to cover those.
 - c. Sources of funding for improvements under the performance contract
 - i. What are district's energy bills per year?
 1. Roughly \$500k/year in electricity (in covid year)
 2. oil & gas ?
 3. Figure roughly 30-50% of the total would be the starting point for the size of the performance contract
 - ii. We also have ESSR funds that we can spend on specific things like HVAC
 1. ESSR II must be spent by Sept 2022
 2. ESSR 3 must be spent by Sept 2023
 - iii. We have \$800k/ year in Capital, can use some of that toward paying for items in the performance contract.
 - iv. If ESSR or CIP pays for an energy saving item that is in the contract, we may be able to substitute in a non-energy saving renovation of equivalent value.

- d. 3 vendors attended Sept 1 walkthrough: Honeywell, EEI (Energy Efficiency Investments), Trane. Responses are due back Sept 28.
 - i. The response will include company info for qualification
 - ii. Do interviews with finalists. May be done by school board or a selected group.
 - 1. Make a motion at the next school board meeting to determine the group that will make the selection
 - iii. After selection the company will do the investment grade audits to understand how much money we can save with energy improvements.
- 7. Next meeting date – Wed November 17, 2021 4pm
 - a. Expect to have the energy audit results back by then
- 8. Adjourned at 8:07pm