

Glover Energy Committee Meeting March 18th

Attending- Mariel, Angela, Jack, Sara, Ann

Guest- Carter Finegan from NVDA

MERP- Carter is the lead for the MERP Grants with NVDA. She is working with anyone who has started this process. BGS has said the priority listing for the work is Weather sealing, then insulation, then larger upgrades. Need to review the audits for accuracy and if there are things missing that need to be looked at, so we can provide feedback to the engineers that did the audits.

Fire Dept - Questioned what the report had for insulation in the roof, we believe it is a higher rating than what was listed in the report. The assumption of hours of use we believe is too high. Options for updating the heating system discussed; need info from knowledgeable people about whether heat pump would work with existing radiant heat in the floor. Hot water heater replacement/upgrade should be done. Roof does need to be replaced so might be a good opportunity to have solar installed as well. Lighting should be upgraded. Unsure if the refrigerator needs to be upgraded based on use but is reasonable to replace with an Energy Star.

Town Clerk/Library- questions about where the air sealing is needed and for roof insulation not sure how we would be able to do it because of the structure. We are potentially ok with window replacements as long as they are aesthetically ok. We aren't sure if it makes sense to replace the AC, due to usage, or can we use the heat pump in the vault to cool the area. Unsure about the hot water heater while we don't believe there is much use. We are open to replacing it if it makes sense in terms of reducing the total carbon footprint, or we could just keep it. If there are not aerators in faucets already then will definitely upgrade. Would like to put in the EV chargers.

Town Hall-We believe that air sealing and insulation has already been done. We don't think that programmable thermostats would be worth investing in because there is no schedule for when the building is in use and the present thermostats seem adequate. . Replace oil fired furnace with a pellet-fired boiler for heating system on the 2nd floor and then replace oil furnace with heat pump in the basement. Need to keep in mind flooding potential of the building and the actual use of the building. Would like to get feedback from EfficiencyVT on this. Efficient lighting has been addressed, so do not feel this is a need. Freezers are not town owned so we can't upgrade them. Would also be interested in installing an EV charger there if possible. Would be interested in doing solar there if we shift more fuel to electricity.

David reached out to VEEP about thermal imaging cameras as teaching tools. They are going to be upgrading theirs soon and will let David know when they decide what they will be buying, and we may be able to add an order for us to their order. Laser thermometers are another option to purchase, and they are much cheaper.