

York Energy Steering Committee Meeting Minutes

Thursday , October 18, 2012 at the York Village Fire Station

Present: Wayne Boardman, Paul McGowan, Stephen Kosacz, Victoria Simon, Phyllis Newman, Peter Ashley, and Chief Chris Balentine.

1. **Tour of Fire Station and discussion of boiler replacement:** Tour started at 6:30 p.m. The discussion of the boiler replacement continued in the meeting room of the Fire station. The major issue remains safe and adequate pellet storage if a pellet burner is purchased. Chief Balentine gave us a summary of the facts about pellet, oil, and propane costs and storage.
 - a. In a previous meeting, the contractor presenting the proposal for the propane fired heating plant and indicated that the boiler size was based on the fuel consumption of the old boiler in a recent moderately cold winter. Since that winter, 2" of spray foam was added to the exterior walls, new insulated overhead doors and door seam weather stripping has been added. Because of these weatherization steps, we feel that the heat load may be significantly different than that used for the propane boiler sizing calculation.
 - b. Therefore, we decided that we needed to have the expertise of a heating consultant so that we can make an informed decision concerning the size and type of boilers needed, not only for the Village Fire Station, but for other town buildings as boiler issues arise.
2. We discussed the insulation about the 2nd floor ceiling in the main building of the Fire Department with Chief Balentine. The present ceiling is acoustical tile above which are trusses and fiberglass batt insulation. Chief Balentine indicated that the Fire Department has a very committed volunteer workforce who would be willing to install a stable platform on the top chords of the horizontal trusses. With no labor costs for the platform work, it would be very affordable to stop the air flow through the existing fiberglass batts. The new platform would also enable the addition of dense pack cellulose insulation to achieve a very high ceiling R-value for the ceiling thus further reducing the main building's heat loss, heat load, and possibly result in a smaller boiler.
3. Stephen made a motion to ask Wayne to get on the BOS agenda for October 22nd to ask to spend up to \$1500 for an engineering consultant from Allied Engineering to make a heat loss assessment for the old plus new addition to the Village Fire Station, so that the size of the boiler replacement can be determined. Victoria seconded the motion which was passed unanimously. We decided to meet on Thursday, November 1st at 6:30 p.m. to make a final decision about the boiler if possible. Chief Balentine said he will work with Tony Davis from Allied Engineering to help with the decision.
4. **Approval of September 20th and October 4th minutes:** These minutes were approved unanimously.
5. **Potential Boiler Replacement in Town Garage:** The two hot air furnaces in the Town Garage need to be replaced almost immediately. Wayne will talk to Dean Lessard about the possibility of putting in one waste oil hot air furnace and a wood pellet fired boiler to reduce energy use

and carbon footprint. We will continue the discussion of pellet boilers in other town buildings at another meeting.

6. Old Business:

We postponed the discussion of other agenda items due to the late hour, but promised that we would focus on our membership and mission before the end of the calendar year.

The meeting was adjourned at 8:30 p.m.

The next meeting is scheduled for Thursday, November 1st at 6:30 p.m. at the York Public Library.

Respectfully submitted,

Phyllis Newman