

**Sandown Local Energy Committee (SLEC)
Meeting Minutes
11/14/2012**

Meeting Start: 7:15PM

Meeting End: 8:53PM

Attendees:

- Brian Butler – Chair
- Kevin Major – Vice Chair
- Brice Cleveland
- Roger Barczak

Guest:

- Bruce Robinson, President Sandown Historical Society

The chair opened with a discussion on record keeping and wished to see someone keep minutes. Kevin Major (Vice Chair) offered to keep the meeting minutes.

TRAIN DEPOT PROJECT:

Guest: Bruce Robinson passed out copies of a booklet which he created: "Sandown Depot, Sandown Historical Society, 6 Depot Road, Sandown, NH 03873 Building Assessment, October 10, 2012".

The booklet included a historical overview and an architectural and mechanical description of the Train Depot building. This included detail on heating & ventilation, plumbing and electrical work as it currently stands. It also delved into recommendations for improving the areas just mentioned.

The booklet also included two amendments, A & B, which showed options to reduce heat losses and a floor plan indicating current wall insulation. Some notes on that discussion follow:

- 50% of the Depot walls are not insulated (Red areas)
- Amendment A uses a fixed ΔT , assuming inside Temp is 68°F.

Extensive discussion ensued on Amendments A & B. Key points were:

- Opt 1: adding R30 to the ceiling would save 14.6% heat Loss
- Opt 2: adding insulation to the walls would only improve that to 14.8%
- Opt 3: adding storm windows to the above would get us to 19.7% savings.

Members questioned the modeling of the walls. Mr Robinson was not sure what he used for R# for existing walls, but modeled Opt 2 with R13 walls.

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Discussion ensued on “How should we go about funding these types of energy conservation projects?”

Discussion was held on how to expand on Mr. Robinsons work:

- We want to look closer at Opt 2 (wall calculations). We need to understand what R# was used in the existing wall calculations.
- Mr. Robinson will investigate the cost to replicate the windows and doors with modern equipment while maintaining a historic appearance.

Question by the Chair: Has the Historical Society decided whether or not to heat the Historical Society Building? Mr. Robinson: “Not yet, but they plan to work in there throughout the winter”.

Mr. Robinson said that he fixed the ‘installation’ of the thermostat at the Depot. It was not controlling the furnace. He did this on his own time in concert with a Heating Technician.

Chair asked: “Should we pursue insulating the Depot attic this year?”

Discussion ensued and the previously obtained quotations for work were restated:

- Electrical Work in attic – prior to insulation.....\$250
- R30 Foam added to the attic.....\$3000
- Remake the Attic scuttle hole (seal & insulate).....\$150

The members decided to push forward with trying to get this work performed as soon as possible. Two funding options were agreed on:

- 1) Ask Selectmen to utilize existing 2012 budget
- 2) Ask Selectmen to add \$3500 to the 2013 Building Maintenance budget with an Line Item name of ‘Energy Conservation’.

The Chair agreed to get the SLEC on the Selectmen’s agenda to discuss these options..

TRANSFER STATION LIGHTING PROJECT:

Ryan Patterson discussed the work he is doing to provide options for reducing the \$7100/year electricity bill we have for the transfer station & highway garage.

Proposals by Ryan:

- Do nothing – continue to pay \$7100/year
- PSNH install new lights using an off at midnight approach
- Install our own lights, poles, switches, etc which we would own and maintain; \$9200.

Note: LED lighting was not recommended because it is not on long enough.

The SLEC agreed that this is a good topic for 2013.

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Meeting adjourned at 8:53PM.

Next Meetings:

Selectmen's Meeting – TBD – Chair will set up

Regular – December 12, 2012, 7:00PM, Town Hall

Sincerely,

Kevin Major – Vice Chair