

## **Center Harbor Energy Committee Minutes of Meeting – 3 March 2016**

Attendees: Annette Nichols, Bernie Volz, Chris Williams and Selectmen Representative Richard Drenkhahn. David Hughes joined for a few minutes.

Annette called the meeting to order at 7:05 p.m.

**Approval of Minutes.** The minutes of the meeting of February 4<sup>th</sup>, as amended, were approved.

**Fire Station Insulation Project.** The contractor installed the insulation over 3 days (a little longer than expected). They had an issue with the adhesive and discussed it with Chris Williams; decision was made to use alternate anchoring system. Chris Williams feels there are many places where the workmanship needs attention and hopes these issues can be corrected before Town Meeting. (After the meeting, the committee walked thru the Fire Station and many of the issues were pointed out and are very obvious.) There is a walk-thru scheduled with the contractor on Friday, March 4<sup>th</sup> at 9 AM.

The 2015 Rebate form was accepted by the NHEC. After Annette signed for the Town on the pre-approval form, we received approval for the full amount possible (\$1706.25). Approval was required before work could begin, and timing was tight. The final form needs to be completed and signed to receive the rebate (NHEC has the option to inspect the work).

The projected annual savings is 784 gallons of heating oil (as calculated by the contractor).

**Library Lighting Upgrades Project.** Annette met with some of the Library Trustees on February 12<sup>th</sup> to introduce herself and resolve some questions she had. She then met with all of the Trustees on February 22<sup>nd</sup>. Annette is working with Richard Lilly at Charon Associates to finalize 3 options for the lighting:

1. The original proposal for which we received a quote from Kozlowski Electric. This option, while the most expensive, offers the best lighting at 30 foot-candles at both the top and bottom of the library stacks. The “base” cost for this is about \$220/foot.
2. A less costly option that would provide 30 foot-candles at the bottom of the stacks, and 45 at the top. This “base” cost is about \$120/foot.
3. An even less expensive option.

Chris asked whether there are any differences in the energy savings between the options as that might be useful to consider.

Annette said that the Library Trustees were also concerned about other lighting, both inside and outside. Chris asked Richard whether the Heritage Commission had looked into the Library. Richard didn't think so (at least not recently). That might be another avenue to investigate for the other lighting issues.

**Franklin Street Lighting.** Bernie explained that Harry Viens had send a note about a Laconia Daily Sun article on street lighting in Franklin (see <http://www.laconiadailysun.com/community/community-announcements/92491-streetlight-project-to-save-franklin-31-000-per-year-414>) – “Streetlight conversion project to save Franklin \$31,000 per year.”

Harry wrote: “The gist of it is that the NHCDFA came up with a financing package for a 100% conversion of their street lights to LED’s. The trick of the financing package seems to be making the savings exceed the cost of the monthly/annual financing so it’s cash flow positive. Not sure we could do it with the Electric Coop, but worth exploring.”

Bernie found that Franklin has 500 street lights. And, while Franklin is listed as serviced by NHEC, they must NOT be using NHEC streetlights as this can’t possible work out with the NHEC monthly charges. See the NHEC rate charges, page 3 for street lights - [http://www.nhec.com/filerepository/schedule\\_rates\\_or\\_jan\\_01\\_2016\\_final\\_2016jan04.pdf](http://www.nhec.com/filerepository/schedule_rates_or_jan_01_2016_final_2016jan04.pdf). The LED charges are higher than the non-LED charges. Some other information points to Franklin being (also) serviced by PSNH.

The NHEC costs for LED lighting and options are something to discuss at the PAREI Energy Roundtable (see below). Perhaps we can put pressure on NHEC to offer better pricing or provide for “privatized” lights?

**Inter-Lakes High School Presentation and Tour of Energy Conversation Project (Feb 8).** Annette and Bernie attended this dinner, presentation, and tour. It was a nice presentation and tour. The wood boiler was only recently brought online. They have options as they can use wood or oil depending on which is cheaper. The PV project has been delayed as the NH state funding program ran out of money and they are awaiting new funding before they can proceed.

**PAREI Energy Roundtable.** Annette reminding the committee about the PAREI first quarterly Regional Energy Roundtable. This is still scheduled for Tuesday, March 29<sup>th</sup>, 5:30-6:45 PM, at the Holderness Town Hall. Those able to come earlier (4:45-5:30), are encouraged to do so to socialize with others. Annette expects to receive a draft agenda and will forward to committee.

**Web Site.** Bernie stated that he has moved the Energy Committee’s past activities information from the old site (<http://www.realitychec.org>) to the Town’s site (<http://www.centerharbornh.org/energy-committee/pages/past-activities>). But other material still needs to be reviewed to determine whether worth moving. We do link between the sites.

The meeting adjourned at 8:01 pm.

**Next meeting scheduled for April 7<sup>th</sup>, 2016 at 7:00 pm.**

Respectfully submitted, Bernie Volz, March 4, 2016. Revised March 14, 2016.