

Center Harbor Energy Committee Minutes of Meeting – 2 February 2017

Attendees: Annette Nichols, Bernie Volz, Selectmen Representative Richard Drenkhahn, Jeffrey Haines (Highway Department), Kim Haines, and Rich Burns from Shakes to Shingles. Chris Williams was not present (with notice).

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

Town Garage Energy Savings Opportunity. Bernie introduced Rich Burns. Rich had visited the Highway Department Garage on Tuesday, November 22nd to review the building, do a blower door test, and take various measurements. Rich discussed his estimates for energy improvements – which totaled just over \$61,000 and included 7 improvements:

1. Insulate ceiling (adding R-30 to ceiling)
2. Insulate walls (adding R-19 to the walls)
3. Insulate concrete walls (insulating with R-26)
4. Air seal the building
5. Replace and seal entry doors
6. Replace and seal overhead doors
7. And, add a Heat Recovery Ventilation unit

Jeffrey Haines mentioned that finding and fixing the roof leaks should be done before the ceiling insulation improvement. Jeff also pointed out that they would need to remove and then replace the plywood (for hanging tools) for the concrete wall insulation project. Jeff provided several estimates for repairing and sealing the doors. Jeff also indicated that the current garage doors were actually better insulated than what was available today in replacement doors, thus we should keep (and repair) the current doors.

Annette asked if there were any infrared pictures available and whether they showed anything obvious. Rich said he may have saved some of these and could make them available if so, but he mostly used them to take differential temperature readings. There was a discussion about several of the recommendations and the order they should be done in, as well as whether all were necessary and what impact that might have. The ceiling insulation was a likely candidate to be deferred as a future project.

Rich indicated he now has a model and could re-run a few scenarios, such as not doing the ceiling insulation at this time. Rich discussed a NHEC incentive program that could rebate 35% (up to \$15,000) for the project and that he had reviewed the project with NHEC. Whether we could get future incentives if the project were split in two wasn't clear and would need to be researched.

Rich will use estimates provided by Jeff to replace his. Rich also requested 3 years of propane usage (and on a delivery basis if available), which Jeff indicated he would provide Rich. Rich will then update the model and rerun the numbers.

The committee discussed the current status of the Energy Conservation/Improvements Trust Fund. Annette indicated it has about \$48K, with approximately \$18K committed to the Library project, leaving approximately \$30K. Bernie reported that the \$10K request

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for the 2017 Town Meeting warrant was still in the budget (posted on the Town's web site).

Bernie, working with Annette, will start drafting an RFP for committee review at the March meeting.

In preparing these minutes, Annette provided that as of January 2017, the Trust Fund had \$48.8K with \$18.026K committed for the Library project, leaving just under \$30.8K.

Approval of Minutes. The minutes of the meeting of December 1st were approved.

Library Lighting Upgrades Project. Annette updated the committee on the current status:

- Lighting materials weren't ordered until January 18th and have a 60-day delivery time (there were a few issues between Consolidated Electrical Distributors and the Town that delayed the ordering)
- Installer (TNT Electrical Contractor LLC) is on hold until lighting materials arrive

Data Migration from Old Website. Bernie had done a quick review of the <http://www.realitychec.org/> site and found nothing critical to move. He stated that many of the pages are dated, likely with broken links for referenced sites (as they haven't been checked in years).

The committee decided that for now Bernie should archive the pages from the site before it goes away for possible review and re-use at some time in the future.

Other Business

PAREI Round Table (January 31st). Annette reported that she did not attend this meeting as no agenda had been distributed.

The meeting adjourned at 8:55 pm.

Next meeting scheduled for March 2nd, 2017 at 7:00 pm.

Respectfully submitted, Bernie Volz, February 6th, 2017.