



Final
Hollis Energy Committee Minutes
3 Dec. 2018 (7:00pm) Town Hall Conference Room

Members Present: Eric Ryherd, Adam Jacobs (on phone), Paul Happy, Todd Crouteau (DPW Director)

Not Present: Venu Rao, Woody Hayes, Eitan Ziera, Peter Band (Select Board Rep), Mike Leavitt

- The meeting came to order at 7:07pm.
- The Meeting Minutes from 5 Nov 2018 were approved.

- **Green House project updates**

Adam has some preliminary numbers for heating a section of the HBMS greenhouse. With a 15' section and just the sunny half of the greenhouse it would need 9 300W panels and a heat pump to maintain 50F. About 7100KWhr and about \$7500. R value is 1.25 of the greenhouse skin. His calculations so far don't include the passive solar gain.

Eric received the sensors and has a Raspberry Pi ready to begin the temperature logging. He needs some additional work to get the sensors data working so it will a couple more weeks before he is ready to install them in the greenhouse.

Todd suggested maybe it could be kept warm using compost (food waste from the cafeteria)? This might also work with the passive solar aspects and maintaining sufficient thermal mass to get thru the night.

- **Street Light Upgrade**

Todd will be putting the LED streetlighting RFQ out Feb/Mar once budget season is over. Todd's preference is to use a local company. Selectmen gave to OK to investigate this back in Aug. A public meeting to suggest removing a few streetlights but the focus is on just LED replacement. Final approval is via BOS. The LED replacement company will be doing a full survey of all lights and recording their GPS coordinates so HEC doesn't need to do the work. We can use the map to determine which lights we recommend be removed which is much lower effort on our part.

- **Energy Portfolio**

Eric has nearly all of the properties shared with Eversource but a few more need to get properly shared. Eric and Todd need to get together to figure out where some of the bills physical locations are as the service address on the bill doesn't make sense.

Eric met with Dick Henry of HotZero (Consultants on the HPS/HUES efficiency work) last Wed to tour HPS/HUES in preparation for doing a more detailed investigation into the sources of large energy draw in the schools. Both schools but HPS in particular are paying high electric rates due to the spikes in demand that result in Demand Charges. This effort is only in discussion at the moment and will be presented to the SAU sometime in the future for funding.

- **HEC Annual Report**

Eric will send out a preliminary report for review in the next week or so.

- The town has a new web site and the HEC page has been updated but the Projects page is stale with the most recent project is from 2012
- Eric sent a calendar invite out to all HEC members to help them know the next meeting date.
- Does HEC want to spend \$250 on annual dues to be a member of the Clean Energy NH initiative (formerly NHSEA.ORG)? This will be discussed in more detail at the next meeting and depending on the HEC budget.
- Eric is still working on using the Model Zoning Ordinance to recraft the Hollis version.

Next meeting date: 7 Jan 2019

Adjournment:

The HEC adjourned at 8:20pm.

Respectfully submitted,
Eric Ryherd