



Hollis NH Energy Committee

2020-11-12 Meeting Minutes (Final)

Hollis Energy Committee meeting minutes 2020-11-12:

Attendees: ✓ present, X not present

1. ✓ Eric Ryherd (Chair)
2. ✓ Mike Leavitt (Secretary)
3. ✓ Paul Happy
4. X Woody Hayes
5. ✓ Adam Jacobs
6. ✓ Paul Armstrong (Select Board rep)
7. ✓ Eitan Zeira (alt)
8. ✓ Lori Radke (Town Admin)
9. ✓ Joan Cudworth (DPW)
10. ✓ JW Brooks
11. ✓ Venu Rao (former chair)

Zoom Meeting started at 4:20pm. Technical problems with Zoom resulted in the delay.

The Meeting Minutes from Oct. 1 were approved.

Action Items:

- 1) Joan – Stay on Affinity as to why only 1 of the 3 streetlights at library were changed out
 - a. Lori will check the electric bills to see if we are still billed at the old rate or the new lower LED rate
- 2) Paul H – download the eGauge data to back it up.
 - a. Paul downloaded the data but has yet to test restoring it to make sure we don't lose any data.
- 3) Venu – schedule a meeting with interested HEC members to discuss Electric Busses
- 4) Eric – Write the year end report for the town annual meeting

HEC is need of a secretary

The HEC meetings date/time has been moved to 2nd Thur at 4pm so Mike can remain secretary. The community room is available during this time. We will continue to use Zoom. The Owl microphone/speaker makes it much easier for everyone to hear each other!

LES virtual Conference

Venu will share links to the presentations in the next few days. Many NH towns are planning for their 100% carbon free futures including creating their own local power companies with wind/solar/batteries.

Venu Discussion on Vehicle-to-Grid

Venu presented his findings on the Electric Busses. Venu will arrange a meeting to discuss in more detail. Paul A suggested bringing the presentation to the BOS for information purposes but it would be up to the SAU/Bus company to implement. The goal being to have a “shovel ready” project to apply for grants when/if they become available. The HEC has limited budget/time/manpower but we could act as advisors. We do not expect this to be an HEC project but to assist.



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Solar Array at HBHS

The High school has a roughly 3 acre cleared field on the other side of the new turf field that would be ideal for a solar array. We did not discuss at this meeting due to time constraints but the item is left in the agenda for next month.

Street Light Project:

Joan has been in contact with Affinity but the program manager has left resulting in some lost tribal knowledge. She will contact again next week to try to get the 2 missing lamps at the library finally replaced with LEDs.

Paul A mentioned there are some private street light so those would not be included in the towns upgrade. Were the SAU street lamps LEDs upgraded? We expected to get a GIS map or at least a list of all the lamps with their GPS coordinates. Joan will check. Lori will check that Eversource is billing us at the new LED rate instead of the old rate.

Municipal Buildings Energy Review:

Eric has been working with George Samaras at Eversource to get more detailed data on energy use at the GV rated accounts (schools) so we can better analyze usage and reduce costs.

Town Hall – Emporia meter is installed. Need to get the Eversource 30min data and compare it with the Emporia data to find the Demand Charge high point.

HBHS - eGauge is installed. The BMS system is at end of life and the required upgrade will cost \$16k. We will continue to discuss with the SAU. Eric explained how an upgraded BMS system will be a significant help in controlling electrical costs. 32% of the current monthly bill is driven by demand costs.

HBMS - The eGauge is here but has not been installed yet.

Eitan will schedule a time to learn how to download the greenhouse sensor data.

HPS – eGauge installed but unfortunately after the lights were changed to LED so we can't easily compare the change. Paul and Eric will work together with the SAU to plan for the changes to the BMS system.

HUES - Various HSMART activities are ongoing but slow due to school opening next week.

Transfer Station – Joan, Adam and Eitan are working on improving the lighting and upgrade to LEDs. Wilson Tech is expected to provide a quote for upgrades next week.

Adjourned 5:30pm, Next Scheduled Zoom Meeting: 10 Dec. 2020

Respectfully submitted, Eric Ryherd