

Nelson Town Buildings Committee

September 28, 2020

Attendees

- Dave U
- Lisa
- Sandy
- Absent
 - Earl
 - Dave B

Action Items

- Lisa
 - Connect Dave U with Mary Ewell or someone else at Monadnock Sustainability, about how to find ASHPs with better refrigerants
- Sandy
 - Try to contact Morgan Urquia again
 - Sandy will call all the local contractors, looking for a ASHP using a refrigerant with GWP (global warming potential) that is much lower than A410A.
- Dave U
 - Bring up town hall floor maintenance at Selectboard
 - Contact Dana Nute regarding refrigerants and ASHPs

Meeting called to order at 6:05 PM

Minutes of August 25, 2020 are approved as sent via email, motion by Sandy second by Dave U, all in favor

Minutes of August 29 Joint Meeting, motion by Sandy second by Dave U, all in favor (Lisa abstained as she was not present at the 8/29 meeting)

Dave U takes us back to first principles

- Looking at Dave's Syllogism
- Re the Quadrants
 - We agree that the US is below the line, currently in Burnout and Business As Usual.
- Are we as humans going to be able to prevent drastic climate change?
- Lisa and Sandy suggest using a different quote instead of the Einstein quote

Morgan

- Was Sandy able to locate Morgan Urquia?
 - No, no response to an email sent almost a month ago
 - Sandy will try again
 - UPDATE: we found Morgan! She's in Alaska. Not really available to help with research anymore.

Next Steps for implementing Air Source Heat Pumps to replace fossil fuel furnaces

- We agree on the sequence of events, doing ASHPs in Town Hall and Library first, with additional solar at the Safety Building to power it.
 - But we won't start the ASHP project if A410 refrigerant is the only choice
- There is some evidence that there is a refrigerant that would be low-carbon.
- Dave U spoke with Gary Jackson, about adding ionizers to the heating systems, this is for pandemic health reasons
 - Looks like around \$2500–4500 to do all 3 buildings
 - Also asked Gary Jackson about refrigerants, who isn't optimistic about low carbon alternatives
- Lisa will connect Dave U to Mary Ewell at Monadnock Sustainability, to see if there is anyone at that group.
- Sandy will call all the local contractors, looking for a ASHP using a refrigerant with GWP (global warming potential) that is much lower than A410A.
- Dave U will contact Dana Nute again.

Town Hall Floor

- Dave U will bring it up on Wednesday if there is time at the Selectboard meeting

Next Meeting

- Monday October 19 6 PM Town Hall (unless it's warm enough to meet outside)

Meeting Adjourned at 7 PM, motion by Sandy, second by Lisa, all in favor