

Monday July 15, 2024

Energy Committee Remote Meeting Notes

Attendee

Chair Brian Boyle
Vice Chair Bob Higgins-Steele
Harry Irwin (author)

Public Comment - None

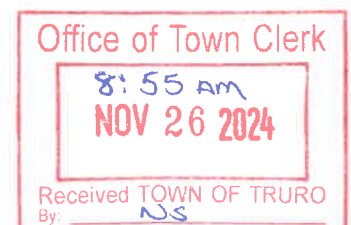
Minutes from June 10, 2024 - Pending

Climate Leaders discussion - None

DPW Ad Hoc Committee Report - None

Geothermal and new building projects -

- Dandelion Energy presented a Ground Sourced HP (GSHP) proposal for the Walsh Property preliminary site plan. Their proposal included pricing for 1 ton, 1 1/2 ton and 2 ton heating and cooling loads. If the design load drops (more insulation, better windows, etc) the cost of the GSHP would also drop.
- They reviewed the advantages of closed loop geothermal systems compared to fossil fuel system or split system ASHP. GSHP can offer better comfort, longer lifespan, less noise, more reliability and better energy efficiency
- They offers design, engineering and installation. They have their own proprietary drilling equipment. They will partner with and train the local HVAC vendor on the connection and installation of the VS/VT to the ductwork (supplied and installed by the HVAC vendor)
- They will provide and install the geothermal loop and the flush valve assembly. They will provide only the packaged heat pump (VS/VT) including the rubber hose assembly to be installed by the HVAC vendor.
- They have on staff personnel who can guide the town through the application process for all available Federal, MassSave and Cape Cod Light Compact incentives
- They emphasized the importance of bring the geothermal provider to the table early in the design phase order to have a successful project



- GSHP systems are possible and economical in most situations but new construction is the most efficient application. They could review the renovations at the Library and Senior Center projects to see if GSHP would be an appropriate solution for those projects
- GSHP would be a good solution for the upcoming DPW renovation. Dandelion would be happy to submit a proposal as soon as design drawings are ready.

Land Fill Solar - Pending

Discussion with Town Staff - None

Committee Membership

- Lindsey Wilson has moved to Brewster. She has resigned from the committee. She will be missed
- Brian Boyle and Bob Higgins-Steele have been elected co-chairs of the energy committee
- Harry Irwin has been elected clerk

Next meeting - TBD

Ref

